

# The CTAN Bibliography

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## Contents

|                                            |            |
|--------------------------------------------|------------|
| <b>1 Bibliography data</b>                 | <b>1</b>   |
| <b>2 Bibliography list by package name</b> | <b>2</b>   |
| <b>References</b>                          | <b>136</b> |

## 1 Bibliography data

The data entries are saved as `@manual`, which can easily be changed by any editor via the replace function. If you are still using the old `bibtex` program instead of `biber`, you have to define your own bibliography style file (`.bst.`).

For `biber/biblatex` there exists an own `ctan.bbx` file which uses all the entry types listed in the following example:

```
@manual{ctan-a0poster,
  title      = {The \texttt{a0poster} package},
  subtitle   = {Support for designing posters on large paper},
  author     = {Gerlinde Kettl and Matthias Weiser},
  date       = {2016-06-24},
  version    = {1.22b},
  license    = {lppl},
  mirror     = {https://mirror.ctan.org/macros/latex/contrib/a0poster},
  url        = {https://ctan.org/pkg/a0poster},
  annotation = {Provides fonts in sizes of 12pt up to 107pt and also makes sure
    that in math formulas the symbols appear in the right size. Can
    also create a PostScript header file for
    which ensures that the poster will be
    printed in the right size. Supported sizes are DIN A0, DIN A1,
    DIN A2 and DIN A3.},
}
```

`ctan.bbx` is based on `authortitle` which can be changed easily in the file.

Currently there are 6870 bibliography data entries. The file `ctan.bib` will be created new every day.

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## Bibliography list by package name

|   |     |   |     |   |     |   |     |   |     |   |     |   |    |   |     |   |     |   |     |
|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|----|---|-----|---|-----|---|-----|
| A | 2   | B | 9   | C | 19  | D | 30  | E | 36  | F | 42  | G | 48 | H | 53  | I | 57  | J | 60  |
| K | 62  | L | 63  | M | 74  | N | 82  | O | 86  | P | 88  | Q | 99 | R | 100 | S | 104 | T | 114 |
| U | 125 | V | 128 | W | 130 | X | 132 | Y | 134 | Z | 135 |   |    |   |     |   |     |   |     |

| Package        | Caption                                                                  | Author                  | Page |
|----------------|--------------------------------------------------------------------------|-------------------------|------|
| <b>AAAAA</b>   |                                                                          |                         |      |
| a0poster       | Support for designing posters on large paper                             | Kettl, Weiser           | 297  |
| a2ac           | AFM to AFM plus Composites                                               | Olšák                   | 400  |
| a2ping         | Advanced PS, PDF, EPS converter                                          | Szabó                   | 506  |
| a4             | Support for A4 paper sizes                                               | Poppelier, Braams       | 423  |
| a4wide         | “Wide” a4 layout                                                         | Holt, Lamy              | 277  |
| a5comb         | Support for a5 paper sizes                                               | Wolczko                 | 575  |
| aaai-named     | BibTeX style for AAAI                                                    | Patel-Schneider         | 410  |
| aaai           | AAAI style                                                               | Patel-Schneider         | 410  |
| Aalok          | LaTeX class file for the Marathi journal ‘Aalok’                         | Unknown                 | 532  |
| aastex         | Macros for Manuscript Preparation for AAS Journals                       | AAS                     | 140  |
| abbr           | Simple macros supporting abbreviations for Plain and $\LaTeX$            | Thành                   | 519  |
| abbrevs        | Text abbreviations in $\LaTeX$                                           | Swift                   | 502  |
| abc            | Support ABC music notation in $\LaTeX$                                   | Gregorio                | 253  |
| abc2mtex       | Notate tunes stored in ABC notation                                      | Walshaw                 | 564  |
| abnt           | Typesetting academic works according to ABNT rules                       | Cherem                  | 188  |
| abntex2        | Typeset technical and scientific Brazilian documents based on ABNT rules | Araujo                  | 142  |
| abntexto-uece  | LaTeX class for formatting academic papers in UECE standards             | Abreu                   | 136  |
| abntexto       | LaTeX class for formatting academic papers in ABNT standards             | Abreu                   | 136  |
| Aboensis       | A late medieval OpenType cursive font                                    | Syrjänen                | 503  |
| abraces        | Asymmetric over-/underbraces in maths                                    | Grundlingh              | 255  |
| abspos         | Absolute placement with coffins                                          | Hetland                 | 272  |
| abstbook       | Books of abstracts                                                       | Havlik                  | 266  |
| abstr-collect  | Print a collection of abstracts                                          | Balemi                  | 148  |
| abstract       | Control the typesetting of the abstract environment                      | Robertson, Wilson       | 445  |
| abstyles-babel | Adaptable styles for use with Babel                                      | Bautista                | 152  |
| abstyles-orig  | Adaptable BibTeX styles                                                  | Bode                    | 164  |
| academicons    | Font containing high quality icons of online academic profiles           | Fernandes               | 224  |
| accanthis      | Accanthis fonts, with $\LaTeX$ support                                   | Tennent                 | 515  |
| accenti        | Extra accented character macros, designed for Italian                    | Bosisio                 | 166  |
| accents-cs     | Create a VF for the accents used in Czech/Slovak                         | Zlatuska                | 591  |
| accents        | Multiple mathematical accents                                            | Bezós López             | 340  |
| accessibility  | Create tagged and structured PDF files                                   | Clifton                 | 193  |
| accfonts       | Utilities to derive new fonts from existing ones                         | Smith                   | 486  |
| accsupp        | Better accessibility support for PDF files                               | Oberdiek                | 392  |
| achemso        | Support for American Chemical Society journal submissions                | Wright, Dahlgren        | 578  |
| achicago-bst   | Chicago Manual BibTeX style                                              | Swift                   | 502  |
| achicago       | Chicago Manual citations in $\LaTeX$                                     | Swift                   | 502  |
| acm            | ACM document style                                                       | Leichter                | 333  |
| acmart         | Class for typesetting publications of ACM                                | Veytsman                | 549  |
| acmconf        | Class for ACM conference proceedings                                     | Vollmer                 | 554  |
| acmproc        | Style option for ACM proceedings                                         | Lamport                 | 328  |
| acmtrans       | Class and BibTeX style for ACM Transactions                              | Lamport, Appel, Boyland | 328  |
| acro           | Typeset acronyms                                                         | Niederberger            | 386  |
| acroflex       | Create a graphing widget in a PDF file                                   | Story                   | 495  |
| acromake       | Make commands for acronyms                                               | Thompson                | 523  |
| AcroMemory     | Memory games in $\LaTeX$                                                 | Story                   | 496  |

| <i>Package</i>   | <i>Caption</i>                                                       | <i>Author</i>           | <i>Page</i> |
|------------------|----------------------------------------------------------------------|-------------------------|-------------|
| acronym          | Expand acronyms at least once                                        | Oetiker, Oberdiek       | 399         |
| acronym209       | An algorithm package developed for $\LaTeX$ 2.09                     | Kewley                  | 298         |
| acoreloadpdf     | Reload-the-current-PDF utility for Adobe Reader on Unix systems      | Grahn                   | 249         |
| AcroSort         | Sort sliced image into order                                         | Story                   | 496         |
| acroterm         | Manage and index acronyms and terms                                  | Voß                     | 561         |
| acrotex-js       | JavaScript files used by acrotex and other packages                  | Story                   | 496         |
| acrotex-web      | Establish a page layout for an on-screen (PDF) document              | Story                   | 496         |
| acrotex          | The AcroTeX education bundle                                         | Story                   | 496         |
| acroweb          | Scripts to create interactive tests from a database                  | Mařík                   | 357         |
| acs              | LaTeX 2.09 support for Advances in Control Systems                   | Unknown                 | 532         |
| active-conf      | Class for typesetting ACTIVE conference papers                       | Robertson               | 443         |
| actuarialangle   | Angle symbol denoting a duration in actuarial and financial notation | Goulet                  | 248         |
| actuarialsymbol  | Actuarial symbols of life contingencies and financial mathematics    | Goulet, Beauchemin      | 249         |
| adami            | A DOS system for working with Tamil                                  | Srinivasan              | 491         |
| add-wes          | A “book” style for Addison-Wesley house style                        | Barton-Davis, Mansfield | 150         |
| addfont          | Easier use of fonts without $\LaTeX$ support                         | Jørgensen               | 290         |
| addindex         | Add index entries to $\LaTeX$ document                               | Gil                     | 242         |
| addliga          | Access basic ligatures in legacy TrueType fonts                      | Miller                  | 369         |
| addlines         | A user-friendly wrapper around <code>\enlargethispage</code>         | Robertson               | 443         |
| address          | Generate form letters and address labels                             | Wester, Damrau          | 569         |
| AddTeX2Eps       | Use $\LaTeX$ syntax on EPS figures, within Mathematica               | Slavič                  | 485         |
| addtoluatexpath  | Add paths to Lua packages and input $\TeX$ files                     | Ewasiuk                 | 219         |
| adfathesis       | Australian Defence Force Academy thesis format                       | Harker                  | 264         |
| adfor            | OrnamentsADF font with $\TeX$ /LaTeX support                         | Rees                    | 437         |
| adfsymbols       | SymbolsADF with $\TeX$ /LaTeX support                                | Rees                    | 437         |
| adhocfilelist    | “listfiles” entries from the command line                            | Lück                    | 346         |
| adigraph         | Augmenting directed graphs                                           | Cappelletti             | 179         |
| adjmulticol      | Adjusting margins for multicolumn and single column output           | Veytsman                | 549         |
| adjustbox        | Graphics package-alike macros for “general” boxes                    | Scharrer                | 461         |
| adobe-euro       | Metric and map files for the Adobe Euro fonts                        | Unknown                 | 532         |
| adobecasion      | Adobe Caslon font in $\LaTeX$                                        | Veytsman                | 549         |
| adobemapping     | Adobe cmap and pdfmapping files                                      | Adobe                   | 137         |
| adobeornaments   | Using ornaments in Adobe Fonts with LuaLaTeX or $X_{\text{La}}\TeX$  | Granet                  | 250         |
| adrconv          | BibTeX styles to implement an address database                       | Kielhorn                | 300         |
| adrlist          | Using address lists in $\LaTeX$                                      | Spribille               | 491         |
| adtrees          | Macros for drawing adpositional trees                                | Benini, Gobbo           | 158         |
| advdate          | Print a date relative to “today”                                     | Wagner                  | 563         |
| Advice           | Extend commands and environments                                     | Živanović               | 590         |
| ae               | Virtual fonts for T1 encoded CMR-fonts                               | Engelbrechtsen          | 217         |
| aeb-minitoc      | Create mini-tocs                                                     | Story                   | 496         |
| aeb-mlink        | Multi-line links with hyperref                                       | Story                   | 496         |
| aeb-mobile       | Format PDF files for use on a smartphone                             | Story                   | 496         |
| AeB Pro          | Items from the AeB Pro Family of Software                            | Story                   | 496         |
| aeb-tilebg       | AeB Tiling Backgrounds                                               | Story                   | 496         |
| aeb_dad          | A drag-and-drop matching game with PDF files                         | Story                   | 496         |
| aebenvelope      | The AeB Pro eEnvelope System                                         | Story                   | 496         |
| AeB slicing      | An image slicer                                                      | Story                   | 496         |
| aebXMP           | Add advanced metadata to PDF files                                   | Story                   | 496         |
| aecc             | Almost European Concrete Roman virtual fonts                         | Rivera                  | 443         |
| aeguill          | Add several kinds of guillemets to the ae fonts                      | Roegel                  | 448         |
| aeskwadmaat      | A-Eskwadmaat package catalogue                                       | Straat                  | 499         |
| aesupp           | Special support for the $\ae$ character                              | Jørgensen               | 290         |
| affilauthor      | Tag author and affiliation information in a key-value style          | P.                      | 404         |
| AFMtoPL (Clark)  | Convert AFM files to PLs for use with dvitops                        | Clark                   | 192         |
| AFMtoPL (Elwell) | An early converter from AFM to PL                                    | Elwell                  | 217         |

| <i>Package</i>    | <i>Caption</i>                                                                                             | <i>Author</i>                   | <i>Page</i> |
|-------------------|------------------------------------------------------------------------------------------------------------|---------------------------------|-------------|
| AFMtopl (Wolczko) | Unix utilities for translating AFM files to PL                                                             | Wolczko                         | 575         |
| afparticle        | Typesetting articles for Archives of Forensic Psychology                                                   | Veytsman                        | 549         |
| afterpack         | A parametric questions' repositories framework                                                             | Frigeri                         | 235         |
| afterpackage      | Add commands to package after it's loaded                                                                  | Rozhenko                        | 455         |
| afterpage         | Execute command after the next page break                                                                  | Carlisle, $\LaTeX$ Team         | 182         |
| afthesis          | Air Force Institute of Technology thesis class                                                             | Young                           | 585         |
| aguplus           | Styles for American Geophysical Union                                                                      | Daly                            | 199         |
| aiaa              | Typeset AIAA conference papers                                                                             | Kleb                            | 304         |
| aichej            | Bibliography style file for the AIChE Journal                                                              | Schaber                         | 461         |
| aifont            | Remap Computer Modern fonts                                                                                | Collins                         | 195         |
| aiplans           | A TikZ-based library for drawing POCL plans                                                                | Ge, Bercher                     | 239         |
| ajl               | BibTeX style for AJL                                                                                       | Nash                            | 383         |
| AkkTeX            | A collection of packages and classes                                                                       | Akkerman                        | 138         |
| akletter          | Comprehensive letter support                                                                               | Kielhorn                        | 300         |
| akshar            | Support for syllables in the Devanagari script                                                             | Vũ                              | 562         |
| alatrix           | Abstract $\LaTeX$                                                                                          | Swift                           | 502         |
| albatross         | Find fonts that contain a given glyph                                                                      | Island of TeX                   | 284         |
| alchemist         | Typeset alchemist and astrological symbols                                                                 | Buxbaum                         | 177         |
| alegreya          | Alegreya fonts with $\LaTeX$ support                                                                       | Tennent                         | 515         |
| aleph             | Extended $\TeX$                                                                                            | Bilotta, $\TeX$ Live            | 162         |
| alertmessage      | Alert messages for $\LaTeX$                                                                                | Dupuis                          | 212         |
| AlfaSlabOne       | The Alfa Slab One font face with support for $\LaTeX$ and pdfLaTeX                                         | Ebinger                         | 213         |
| alg               | LaTeX environments for typesetting algorithms                                                              | Ulfberg                         | 531         |
| algobox           | Typeset Algobox programs                                                                                   | Rivaud                          | 442         |
| algotrevived      | A revival of Frutiger's Algol alphabet                                                                     | Sharpe                          | 476         |
| algorithm2e       | Floating algorithm environment with algorithmic keywords                                                   | Fiorio, Kokan                   | 227         |
| algorithmicx      | The algorithmic style you always wanted                                                                    | János                           | 286         |
| algorithms        | A suite of tools for typesetting algorithms in pseudo-code                                                 | Brito, Williams, Khatchadourian | 171         |
| algpseudocodex    | Package for typesetting pseudocode                                                                         | Matt                            | 360         |
| algxpar           | Support multiple lines of pseudocode                                                                       | Moreira                         | 375         |
| aliascnt          | Alias counters                                                                                             | Oberdiek                        | 392         |
| aligned-overset   | Fix alignment at $\backslash$ overset or $\backslash$ underset                                             | Krüger                          | 321         |
| alkalami          | A font for Arabic-based writing systems in Nigeria and Niger                                               | Tennent, SIL International      | 519         |
| allegno           | Automatic numbering of all equations                                                                       | Thornburg                       | 524         |
| allrunes          | Fonts and $\LaTeX$ package for almost all runes                                                            | Werner                          | 568         |
| alltt             | Everything in tt font, but obey commands and line endings                                                  | Lamport, Braams, $\LaTeX$ Team  | 328         |
| alltt2            | Indented version of alltt                                                                                  | Wolczko, Lamport                | 575         |
| almendra          | Almendra fonts with $\LaTeX$ support                                                                       | Tennent                         | 515         |
| almfixed          | Arabic-Latin Modern Fixed extends $\TeX$ -Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support | Hamid                           | 260         |
| alnumsec          | Alphanumeric section numbering                                                                             | Küster                          | 325         |
| alpha-persian     | Persian version of alpha.bst                                                                               | Shapour                         | 476         |
| alpha             | Editor for the Macintosh with good $\TeX$ support                                                          | Keleher                         | 296         |
| alphabib          | Add alphabetical headers into citations                                                                    | Hilléreau                       | 273         |
| alphalph          | Convert numbers to letters                                                                                 | Oberdiek                        | 392         |
| alphanum-bst      | Modified alpha BibTeX style                                                                                | Thomas                          | 523         |
| alphanum          | Sectioning commands for jura                                                                               | Braun                           | 170         |
| alphanumb         | A modification of alpha.bst                                                                                | Thomas                          | 523         |
| alterqcm          | Multiple choice questionnaires in two column tables                                                        | Matthes, Syropoulos, Dimou      | 361         |
| altfont           | Alternative font handling in $\LaTeX$                                                                      | Kirsch                          | 303         |
| altnline          | Line numbering in $\LaTeX$ 2.09                                                                            | Fortune                         | 232         |
| altsubsup         | Subscripts and superscripts with square brackets                                                           | Labbé                           | 326         |

| <i>Package</i>     | <i>Caption</i>                                                        | <i>Author</i>              | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------|----------------------------|-------------|
| altverse           | Typesetting verse                                                     | Shipunov                   | 480         |
| ama                | AMA manual of style citations                                         | Kort, Trickey              | 318         |
| ametsoc            | Official American Meteorological Society $\LaTeX$ Template            | Papa, AMeteoS              | 408         |
| amiri              | A classical Arabic typeface, Naskh style                              | Hosny                      | 279         |
| amiweb2c-guide     | How to install AmiWeb2c                                               | Finnberg                   | 227         |
| amiweb2c           | An Amiga port of web2C                                                | Scherer                    | 464         |
| amnestyreport      | A $\LaTeX$ class for Amnesty International                            | Veytsman                   | 549         |
| ams-cd             | AMSTeX Commutative Diagrams for $\LaTeX$                              | Hankerson                  | 261         |
| ams2bib            | Convert AMS-TeX style bibliography entries to BibTeX                  | Werschulz                  | 569         |
| amsaddr            | Alter the position of affiliations in amsart                          | Lelong                     | 334         |
| amsart             | LaTeX document class for AMS math journal articles                    | The AMS                    | 520         |
| amsbook            | LaTeX document class for AMS books                                    | The AMS                    | 520         |
| amsbsy             | Produce bold math symbols (AMS-LaTeX)                                 | $\LaTeX$ Team              | 425         |
| amscd              | AMS-LaTeX commutative diagrams                                        | $\LaTeX$ Team              | 425         |
| amscdx             | Enhanced commutative diagrams                                         | Vermeer                    | 548         |
| amscs-doc          | User documentation for AMS document classes                           | The AMS                    | 520         |
| amscs              | AMS document classes for $\LaTeX$                                     | The AMS                    | 520         |
| amsfonts           | TeX fonts from the American Mathematical Society                      | The AMS                    | 520         |
| amslatex-primer    | Getting up and running with AMS-LaTeX                                 | Hirschhorn                 | 273         |
| amslatex           | Mathematical enhancements for $\LaTeX$                                | The AMS                    | 520         |
| amslatexdoc-vie... | Vietnamese translation of AMSLaTeX documentation                      | Huynh                      | 281         |
| amsltx11           | AMS-LaTeX, original version (obsolete)                                | The AMS                    | 520         |
| amsmath-it         | Italian translations of some old amsmath documents                    | Ferrante, de Bari          | 224         |
| amsmath            | AMS mathematical facilities for $\LaTeX$                              | $\LaTeX$ Team              | 425         |
| amsmidx            | Support for multiple indexes in AMS Classes                           | The AMS                    | 520         |
| amsopn             | Typeset mathematical operator names                                   | $\LaTeX$ Team              | 425         |
| amspell            | ASCII and $\LaTeX$ spell checker                                      | Merckens, Frambach         | 366         |
| amsppt             | AMS-TeX article preprint document style                               | The AMS                    | 520         |
| amsppt1            | AMS-TeX v.2 compatibility for amsppt.sty v.1                          | The AMS                    | 520         |
| amsproc            | LaTeX document class for AMS conference proceedings                   | The AMS                    | 520         |
| amsrefs            | A $\LaTeX$ -based replacement for BibTeX                              | The AMS, Downes, Jones     | 521         |
| amstex             | American Mathematical Society plain TeX macros                        | The AMS                    | 521         |
| amstext            | Typeset text fragments in mathematics                                 | $\LaTeX$ Team              | 425         |
| amsthm             | Typesetting theorems (AMS style)                                      | The AMS                    | 521         |
| analogclock        | An analog ticking clock package for PDF output                        | Randez                     | 435         |
| andika             | andika fonts with support for all $\LaTeX$ engines                    | Tennent, SIL International | 519         |
| anima              | Create slideshows with simple animations                              | Gomes de Santana           | 459         |
| animate            | Create PDF and SVG animations from graphics files and inline graphics | Grahn                      | 249         |
| anleitung          | Using $\LaTeX$ with MiKTeX, including TrueType fonts (in German)      | Weissenburger              | 568         |
| annee-scolaire     | Automatically typeset the academic year (French way)                  | Henel                      | 269         |
| annot-pro          | Create text, stamp and file attachment annotations                    | Story                      | 496         |
| annotate-equations | Easily annotate math equations using TikZ                             | John                       | 289         |
| annotate           | A bibliography style with annotations                                 | Unknown                    | 532         |
| annotation-pkg     | Suppress or permit annotations to a document                          | Hofmann                    | 275         |
| annotation         | A BibTeX style that processes annotations                             | Unknown                    | 532         |
| anonchap           | Make chapters be typeset like sections                                | Robertson, Wilson          | 445         |
| anonymous-acm      | Typeset anonymous versions for ACM articles                           | Becker                     | 155         |
| AnonymousPro       | Use AnonymousPro fonts with $\LaTeX$                                  | Esbaty                     | 218         |
| ans                | Answers and solutions, for $\LaTeX$ 2.09                              | Wells                      | 568         |
| answers            | Setting questions (or exercises) and answers                          | Wright, Piff               | 578         |
| ant-worker-tasks   | Apache ANT Tasks for TeX and PDF                                      | Niedermair                 | 387         |
| ant                | A typesetting system inspired by TeX                                  | Blumensath                 | 163         |
| antanilipsum       | Generate sentences in the style of “Amici miei”                       | Coleman                    | 194         |
| anti               | Typeset an anti-particle in maths mode                                | Holmes                     | 277         |

| <i>Package</i>     | <i>Caption</i>                                                             | <i>Author</i>                                       | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------|-----------------------------------------------------|-------------|
| antique-spanish... | A short document about antique spanish units                               | Merino Hernández                                    | 271         |
| antomega           | Alternative language support for Omega/Lambda                              | Kryukov                                             | 322         |
| antp               | Antykwa Półtawskiego: a Type 1 family of Polish traditional type           | Nowacki                                             | 391         |
| antt               | Antykwa Toruńska: a Type 1 family of a Polish traditional type             | Nowacki                                             | 391         |
| anttvf             | Virtual fonts for PostScript Antykwa Toruńska font                         | Wierzbicki                                          | 570         |
| ANUfinalexam       | LaTeX document shell for ANU final exam                                    | Kam                                                 | 293         |
| anyfontsize        | Select any font size in $\LaTeX$                                           | Szabó                                               | 506         |
| anysize            | A simple package to set up document margins                                | Esser                                               | 219         |
| aobs-tikz          | TikZ styles for creating overlaid pictures in beamer                       | Fiandrino                                           | 225         |
| aomart             | Typeset articles for the Annals of Mathematics                             | Veytsman                                            | 549         |
| apa                | American Psychological Association format                                  | Protopapas                                          | 430         |
| apa6               | Format documents in APA style (6th edition)                                | Beitzel                                             | 157         |
| apa6e              | Format manuscripts to APA 6th edition guidelines                           | Smith                                               | 486         |
| apa7               | Format documents in APA style (7th edition)                                | Weiss                                               | 568         |
| apabst             | Early APA BibTeX style                                                     | Rogers                                              | 449         |
| apacite            | Citation style following the rules of the APA                              | Meijer                                              | 366         |
| apalike-ejor       | A BibTeX style file for the European Journal of Operational Research       | Rumpf                                               | 457         |
| apalike-german     | A copy of apalike.bst with German localization                             | Braun                                               | 170         |
| apalike2           | Bibliography style that approaches APA requirements                        | Reiser, Ho                                          | 439         |
| apasoft            | An APA-like style for BibTeX                                               | Porr                                                | 423         |
| apeqnum            | Number equations by appendix                                               | Hosek                                               | 278         |
| apl                | Fonts for typesetting APL programs                                         | Hohti, Kanerva                                      | 277         |
| aplTeX             | Tiny $\TeX$ distribution built on Web2C and LuaTeX                         | Huang                                               | 280         |
| aplweb             | Literate programming in APL                                                | Schweigert                                          | 473         |
| apnum              | Arbitrary precision numbers implemented by $\TeX$ macros                   | Olšák                                               | 401         |
| appelt-chess       | Chess board macros using standard fonts                                    | Unknown                                             | 532         |
| appendix           | Extra control of appendices                                                | Robertson, Wilson                                   | 445         |
| appendixnumberb... | Manage frame numbering in appendixes in beamer                             | Lelong                                              | 335         |
| apprendre-a-pro... | The book “Apprendre à programmer en $\TeX$ ”                               | Tellechea                                           | 514         |
| appends-latex      | Appends $\LaTeX$ !                                                         | Baudoin                                             | 151         |
| apptools           | Tools for customising appendices                                           | Kuhnert                                             | 323         |
| apxproof           | Proofs in appendix                                                         | Senellart                                           | 475         |
| ar                 | Capital A and capital R ligature for Aspect Ratio                          | Beccari                                             | 152         |
| arabi-add          | Using hyperref and bookmark packages with arabic and farsi languages       | Lakhdar                                             | 327         |
| arabi              | (La)TeX support for Arabic and Farsi, compliant with Babel                 | Jabri                                               | 284         |
| arabic-book        | An Arabic book class                                                       | Alziyadi                                            | 140         |
| arabic             | Read a lower-case roman number                                             | Selberg                                             | 475         |
| arabicfront        | Frontmatter with arabic page numbers                                       | Bezos López                                         | 340         |
| arabluatex         | ArabTeX for LuaLaTeX                                                       | Alessi                                              | 138         |
| arabtex            | Macros and fonts for typesetting Arabic                                    | Lagally                                             | 327         |
| arabxetex          | An ArabTeX-like interface for $X_{\LaTeX}$                                 | Charette, Khalighi, bidi-tex<br>GitHub Organisation | 186         |
| aramaic-serto      | Fonts and $\LaTeX$ for Syriac written in Serto                             | Heinecke                                            | 267         |
| aramaic            | Fonts for Aramaic script                                                   | Wilson                                              | 571         |
| arara              | Automation of $\LaTeX$ compilation                                         | Cereda                                              | 184         |
| arbeit             | Typeset classwork exercises                                                | Burkhardt                                           | 175         |
| archaeologie       | A citation-style which covers rules of the German Archaeological Institute | Bossert                                             | 167         |
| archaic            | A collection of archaic fonts                                              | Wilson, Zimmermann, Syropoulos                      | 575         |
| Archivo            | The Archivo font face with support for $\LaTeX$ and pdfLaTeX               | Ebinger                                             | 213         |
| arcs               | Draw arcs over and under text                                              | Boggio-Togna                                        | 164         |
| arev               | Fonts and $\LaTeX$ support files for Arev Sans                             | Hartke                                              | 265         |
| argumentation      | Create abstract argumentation frameworks via TikZ                          | Bengel                                              | 158         |



| <i>Package</i>     | <i>Caption</i>                                                                   | <i>Author</i>              | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------|----------------------------|-------------|
| arimo              | Arimo sans serif fonts with $\LaTeX$ support                                     | Matteson, Tennent          | 360         |
| arlatex            | A $\LaTeX$ -based archiver                                                       | Pakin                      | 405         |
| armtex             | A system for writing in Armenian with $\TeX$ and $\LaTeX$                        | Dachian, Dalalyan, Akopian | 198         |
| armymemo           | A document class for Army memorandums in accordance with AR 25-50                | Sharpsten                  | 479         |
| aro-bend           | Exercises in $\TeX$ , with answers                                               | Downes                     | 208         |
| arosgn             | Support for the Bengali language                                                 | Ali                        | 139         |
| around-the-bend    | Typeset exercises in $\TeX$ , with answers                                       | Downes, Wilson             | 208         |
| arphic-ttf         | TrueType version of Chinese Arphic fonts                                         | Yamashita                  | 581         |
| arphic             | Arphic (Chinese) font packages                                                   | Lemberg                    | 335         |
| array              | Extending the array and tabular environments                                     | Mittelbach, $\LaTeX$ Team  | 372         |
| arraycols          | New column types for array and tabular environments                              | Missier                    | 370         |
| arrayjob           | Array data structures for (La)TeX                                                | Sharpe, Jiang              | 479         |
| arrayjobx          | Array data structures for (La)TeX                                                | Sharpe, Jiang              | 479         |
| Array Maker        | A program for making $\LaTeX$ and xypic arrays                                   | Arapura                    | 142         |
| arraysort          | Sort arrays (or portions of them)                                                | Lee                        | 332         |
| arrow              | Eplain macros for commutative diagrams                                           | Smith                      | 486         |
| ArsClassica        | A different view of the ClassicThesis package                                    | Pantieri                   | 408         |
| ArsenalMath        | Arsenal Math OpenType fonts                                                      | KV                         | 325         |
| arsenal            | Open Type font by Andrij Shevchenko                                              | Veytsman                   | 549         |
| artex              | Make filecontents environments of non-standard files or packages                 | Efford                     | 214         |
| article            | Default class for composing an article                                           | $\LaTeX$ Team              | 425         |
| articleingud       | LaTeX class for articles published in INGENIERIA review                          | Morales                    | 374         |
| artthreads         | Support for article threads                                                      | Story                      | 496         |
| Arvo               | The Arvo font face with support for $\LaTeX$ and pdfLaTeX                        | Ebinger                    | 213         |
| arXivBib           | Get bibliography entries from arXiv.org                                          | Forkosh                    | 231         |
| arydshln           | Draw dash-lines in array/tabular                                                 | Khalighi, Nakashima        | 299         |
| asaetr             | Transactions of the ASAE                                                         | Pearson                    | 411         |
| asana-math         | A font to typeset maths in Xe(La)TeX and Lua(La)TeX                              | Syropoulos                 | 503         |
| asapsym            | Using the free ASAP Symbol font with $\LaTeX$ and Plain $\TeX$                   | Gessler                    | 241         |
| asc2tex            | Retrieve text from screenshots                                                   | Götz                       | 248         |
| ascelike           | Bibliography style for the ASCE                                                  | Kuhn                       | 323         |
| ascii-chart        | An ASCII wall chart                                                              | Eijkhout                   | 215         |
| ascii-cyrillic     | A Latin alphabet representation of Cyrillic                                      | Siebenmann                 | 481         |
| ascii-font         | Use the ASCII “font” in $\LaTeX$                                                 | Syropoulos, Nickalls       | 505         |
| asciilist          | Environments AsciiList and AsciiDocList for prototyping nested lists in $\LaTeX$ | Grewé                      | 254         |
| ascmac             | Boxes and picture macros with Japanese vertical writing support                  | Japanese $\TeX$ Team       | 287         |
| askinclude         | Interactive use of \includeonly                                                  | Straub, Oberdiek           | 499         |
| askmaps            | Typeset American style Karnaugh maps                                             | op den Brouw               | 172         |
| asmeconf           | A $\LaTeX$ template for ASME conference papers                                   | Lienhard                   | 337         |
| asmejour           | A template for ASME journal papers                                               | Lienhard                   | 338         |
| aspectratio        | Capital A and capital R ligature for Aspect Ratio                                | Beccari                    | 152         |
| aspell             | Spell checker                                                                    | Atkinson                   | 146         |
| assignment         | A class file for typesetting homework and lab assignments                        | Singh                      | 484         |
| assoccnt           | Associate counters, making them step when a master steps                         | Hupfer                     | 281         |
| association-matrix | LaTeX support for creating association matrices                                  | Unknown                    | 532         |
| asternote          | Annotation symbols enclosed in square brackets and marked with an asterisk       | Kusakabe                   | 325         |
| astro              | Astronomical (planetary) symbols                                                 | Schmitt                    | 467         |
| astron             | BibTeX style for astronomical journals                                           | Hogeveen                   | 276         |
| astyped            | Verbatim environment, with rather few escapes                                    | Unknown                    | 532         |
| asy-overview       | A brief overview of the Asymptote language for drawing mathematical graphics     | Hefferon                   | 266         |
| asyfig             | Commands for using Asymptote figures                                             | Robertson                  | 443         |

| <i>Package</i>     | <i>Caption</i>                                                                               | <i>Author</i>                                  | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------|------------------------------------------------|-------------|
| asymptote-by-ex... | Asymptote by example                                                                         | Unknown                                        | 532         |
| asymptote-faq-z... | Asymptote FAQ (Chinese translation)                                                          | Unknown                                        | 533         |
| asymptote-manua... | A Chinese translation of the asymptote manual                                                | Unknown                                        | 533         |
| asymptote          | 2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language                                    | Bowman, Hammerlindl                            | 168         |
| asypictureB        | User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X                  | Staats III                                     | 282         |
| at                 | Short commands starting '@'                                                                  | Wooding                                        | 576         |
| aTableau           | A L <sup>A</sup> T <sub>E</sub> X package for symmetric group combinatorics                  | Mathas                                         | 359         |
| atari-cstex        | TeX for Atari machines                                                                       | Brandt                                         | 169         |
| atbegshi           | Execute stuff at \shipout time                                                               | Oberdiek                                       | 392         |
| atenddvi           | Provides the \AtEndDvi command                                                               | Oberdiek                                       | 392         |
| atendofenv         | Add a custom symbol at the end of an environment                                             | Zhou                                           | 590         |
| atkinson           | Support for the Atkinson Hyperlegible family of fonts                                        | Tennent                                        | 515         |
| attachfile         | Attach arbitrary files to a PDF document                                                     | Pakin                                          | 405         |
| attachfile2        | Attach files into PDF                                                                        | Oberdiek                                       | 392         |
| attrib             | Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X                           | Swift                                          | 502         |
| atveryend          | Hooks at the very end of a document                                                          | Oberdiek                                       | 392         |
| aucklandthesis     | Memoir-based class for formatting University of Auckland masters' and doctors' theses        | Kwan                                           | 325         |
| auctex             | Emacs support files for T <sub>E</sub> X                                                     | The AUCTeX Team, Thorup, Abrahamsen            | 521         |
| augie              | Calligraphic font for typesetting handwriting                                                | Schmidt, Harcombe                              | 465         |
| auncial-new        | Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros                    | Wilson                                         | 571         |
| auncial            | Artificial Uncial manuscript book-hand font                                                  | Wilson                                         | 571         |
| aurical            | Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding               | Gollwitzer                                     | 246         |
| aur1               | Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes | Höffner                                        | 275         |
| aurora             | Header files for dvips to make colour separations                                            | Freeman                                        | 234         |
| authblk            | Support for footnote style author/affiliation                                                | Daly                                           | 199         |
| authoraftertitle   | Make author, etc., available after \maketitle                                                | Bilger                                         | 161         |
| authorarchive      | Adds self-archiving information to scientific papers                                         | Brucker                                        | 172         |
| authordate         | Author/date style citation styles                                                            | Rhead                                          | 441         |
| authorindex        | Index citations by author names                                                              | Wettstein                                      | 569         |
| auto-pst-pdf-lua   | Using LuaLaTeX together with PostScript code                                                 | Voß                                            | 555         |
| auto-pst-pdf       | Wrapper for pst-pdf (with some psfrag features)                                              | Robertson                                      | 443         |
| auto1              | LaTeX support for Underware Auto 1 fonts                                                     | Schlömer                                       | 464         |
| autoalign          | Align terms and members in math expressions                                                  | Tellechea                                      | 514         |
| autobreak          | Simple line breaking of long formulae                                                        | Ueda                                           | 531         |
| autoconf           | Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X                  | Mathieu                                        | 359         |
| autofancyhdr       | Automatically compute headlength for fancyhdr package                                        | Baghban                                        | 147         |
| AutoLaTeX          | Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects                 | Galland                                        | 238         |
| autolist           | More lists                                                                                   | Shipunov                                       | 480         |
| automagic          | Automagic numbering in Plain T <sub>E</sub> X                                                | Unknown                                        | 533         |
| automata           | Finite state machines, graphs and trees in MetaPost                                          | Puppis                                         | 430         |
| automatica         | A harvard-family BibTeX style                                                                | Balemi                                         | 148         |
| autonum            | Automatic equation references                                                                | Häcker                                         | 258         |
| autopdf            | Conversion of graphics to pdfLaTeX-compatible formats                                        | Wette                                          | 569         |
| autopict           | The L <sup>A</sup> T <sub>E</sub> X picture mode, for use with Plain T <sub>E</sub> X        | L <sup>A</sup> T <sub>E</sub> X Team, Carlisle | 429         |
| autopuncitems      | Automatically punctuate lists                                                                | Ewasiuk                                        | 219         |
| autosps            | A Preprocessor that generates note-spacing commands for MusiXTeX scores                      | Tennent                                        | 515         |
| autotab            | Generating tabulars from input data                                                          | Kruljac                                        | 322         |
| autotoc            | Table of contents in Plain T <sub>E</sub> X                                                  | Unknown                                        | 533         |
| autotype           | A LuaLaTeX package for automatic language-specific typography                                | Wehr                                           | 567         |
| autoview           | Maintain a Ghostscript view of emacs buffer                                                  | Goel                                           | 245         |
| auxhook            | Hooks for auxiliary files                                                                    | Oberdiek                                       | 393         |



| <i>Package</i>    | <i>Caption</i>                                                                | <i>Author</i>                                 | <i>Page</i> |
|-------------------|-------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| avremu            | An 8-Bit Microcontroller Simulator written in $\LaTeX$                        | Dietrich                                      | 205         |
| awami             | A collection of Awami Nastaliq fonts                                          | Unknown                                       | 533         |
| aweb              | Web system for programs written in Ada                                        | Schweigert                                    | 473         |
| awesomebox        | Draw admonition blocks in your documents, illustrated with FontAwe-some icons | Deparis                                       | 204         |
| axessibility      | Access to formulas in PDF files by assistive technologies                     | Coriasco, Murru                               | 196         |
| axodraw           | Feynman diagrams in a $\LaTeX$ document                                       | Vermaseren                                    | 548         |
| axodraw2          | Feynman diagrams in a $\LaTeX$ document                                       | Collins, Vermaseren                           | 194         |
| <b>BBBBB</b>      |                                                                               |                                               |             |
| b1encoding        | LaTeX encoding tools for Bookhands fonts                                      | Wilson                                        | 572         |
| babel-albanian    | Support for Albanian within babel                                             | Bezoz López, Braams                           | 342         |
| babel-azerbaijani | Support for Azerbaijani within babel                                          | Bezoz López                                   | 340         |
| babel-bahasa      | Support for Bahasa within babel                                               | Knappen, Mart, Braams                         | 309         |
| babel-basque      | Babel contributed support for Basque                                          | Aguirregabiria, Zubia Garea                   | 137         |
| babel-belarusian  | Babel support for Belarusian                                                  | Novodvorsky, Shadura                          | 391         |
| babel-bosnian     | Babel contrib support for Bosnian                                             | Halilčević                                    | 260         |
| babel-breton      | Babel contributed support for Breton                                          | Rolland                                       | 450         |
| babel-bulgarian   | Babel contributed support for Bulgarian                                       | Boshnakov, Bezoz López, Braams                | 166         |
| babel-catalan     | Babel contributed support for Catalan                                         | Badenes Guia, Ortega, Mas Casals              | 256         |
| babel-contrib     | Contributed language-support files for Babel                                  |                                               | 521         |
| babel-croatian    | Babel contributed support for Croatian                                        | Paić, Kokan                                   | 404         |
| babel-czech       | Babel support for Czech                                                       | Bezoz López, Braams                           | 342         |
| babel-danish      | Babel contributed support for Danish                                          | Bezoz López, Braams                           | 342         |
| babel-dutch       | Babel contributed support for Dutch                                           | Bezoz López, Braams                           | 342         |
| babel-english     | Babel support for English                                                     | Bezoz López, Braams                           | 342         |
| babel-esperanto   | Babel support for Esperanto                                                   | Bezoz López, Braams                           | 342         |
| babel-estonian    | Babel support for Estonian                                                    | Vajakas, Saar                                 | 544         |
| babel-finnish     | Babel support for Finnish                                                     | Bezoz López, Braams                           | 343         |
| babel-french      | Babel contributed support for French                                          | Flipo                                         | 228         |
| babel-friulan     | Babel/Polyglossia support for Friulan(Furlan)                                 | Beccari                                       | 152         |
| babel-galician    | Babel/Polyglossia support for Galician                                        | Música de Rivera                              | 442         |
| babel-georgian    | Babel support for Georgian                                                    | Shoshiashvili, Lemberg                        | 481         |
| babel-german      | Babel support for documents written in German                                 | Raichle, Braams, Spitzmüller                  | 434         |
| babel-greek       | Babel support for the Greek language and script                               | Syropoulos, Bezoz López, Braams, Milde        | 505         |
| babel-hebrew      | Babel support for Hebrew                                                      | Bezoz López, Braams, Lavva, Rosendahl, Fogiel | 344         |
| babel-hungarian   | Babel support for Hungarian                                                   | Szabó, Tómacs                                 | 506         |
| babel-icelandic   | Babel support for Icelandic                                                   | Árnason, Braams, Bezoz López                  | 142         |
| babel-indonesian  | Support for Indonesian within babel                                           | Knappen, Mart, Braams, Bezoz López            | 309         |
| babel-interlingua | Babel support for Interlingua                                                 | Bezoz López, Braams                           | 343         |
| babel-irish       | Babel support for Irish                                                       | Bezoz López, Braams                           | 343         |
| babel-italian     | Babel support for Italian text                                                | Bezoz López, Braams, Beccari, Codogno         | 343         |
| babel-japanese    | Babel support for Japanese                                                    | Ing, Japanese $\TeX$ Team                     | 283         |
| babel-kurmanji    | Babel support for Kurmanji                                                    | Bezoz López, Braams                           | 343         |
| babel-latin       | Babel support for Latin                                                       | Wehr, Bezoz López, Braams, Beccari            | 567         |
| babel-latvian     | Babel support for Latvian                                                     | Lasis, Bezoz López                            | 330         |
| babel-lithuanian  | Babel support for documents written in Lithuanian                             | Tolušis                                       | 526         |

| <i>Package</i>    | <i>Caption</i>                                                                    | <i>Author</i>                                   | <i>Page</i> |
|-------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|-------------|
| babel-macedonian  | Babel module to support Macedonian Cyrillic                                       | Trajanovski                                     | 527         |
| babel-malay       | Support for Malay within babel                                                    | Knappen, Mart, Braams, Bezos López              | 309         |
| babel-norsk       | Babel support for Norwegian                                                       | Bezos López, Braams                             | 343         |
| babel-occitan     | Babel support for Occitan                                                         | Valmary                                         | 545         |
| babel-piedmontese | Babel support for Piedmontese                                                     | Beccari                                         | 153         |
| babel-polish      | Babel support for Polish                                                          | Bezos López, Braams, Schalück, Janich, Woliński | 344         |
| babel-portuges    | Babel support for Portuges                                                        | Bezos López, Braams                             | 343         |
| babel-romanian    | Babel support for Romanian                                                        | Bezos López, Braams, Horst, Juhasz              | 343         |
| babel-romansh     | Babel/Polyglossia support for the Romansh language                                | Beccari                                         | 153         |
| babel-russian     | Russian language module for Babel                                                 | Kotelnikov                                      | 318         |
| babel-samin       | Babel support for Samin                                                           | Bezos López, Braams, Jernsletten                | 343         |
| babel-scottish    | Babel support for Scottish Gaelic                                                 | Bezos López, Braams                             | 343         |
| babel-serbian     | Babel/Polyglossia support for Serbian                                             | Bezos López, Braams, Stefanović                 | 344         |
| babel-serbianc    | Babel module to support Serbian Cyrillic                                          | Brčić, Stefanović                               | 170         |
| babel-slovak      | Babel support for typesetting Slovak                                              | Bezos López, Braams, Chlebíková, Tesařík        | 343         |
| babel-slovenian   | Babel support for typesetting Slovenian                                           | Bezos López, Braams                             | 343         |
| babel-sorbian     | Babel support for Upper and Lower Sorbian                                         | Bezos López, Braams, Werner                     | 344         |
| babel-spanglish   | Simplified Spanish support for Babel                                              | Rivera                                          | 443         |
| babel-spanish     | Babel support for Spanish                                                         | Bezos López, Sanchez                            | 344         |
| babel-swedish     | Babel support for typesetting Swedish                                             | Bezos López, Braams, Hellman                    | 343         |
| babel-thai        | Support for Thai within babel                                                     | Karoonboonyanan                                 | 294         |
| babel-turkish     | Babel support for Turkish documents                                               | MacKay, Burc, Bezos López                       | 353         |
| babel-ukrainian   | Babel support for Ukrainian                                                       | Braams, Ponomarenko                             | 169         |
| babel-vietnamese  | Babel support for typesetting Vietnamese                                          | Lemberg, Kotucha, Bezos López                   | 335         |
| babel-welsh       | Babel support for Welsh                                                           | Braams, Bezos López                             | 169         |
| babel             | Multilingual support for $\LaTeX$ , Lua $\LaTeX$ , Xe $\LaTeX$ , and Plain $\TeX$ | Bezos López, Braams                             | 342         |
| babelbib          | Multilingual bibliographies                                                       | Harders, Preining                               | 264         |
| babeltools        | Tools for dealing with Babel annoyances                                           | Bezos López                                     | 341         |
| babylonianum      | Typeset Babylonian numerals with Xe $\TeX$                                        | Pinson                                          | 420         |
| backgrnd          | Mark text with grey background or change bar                                      | Schmitt                                         | 467         |
| background        | Placement of background material on pages of a document                           | Medina Arellano                                 | 142         |
| backnaur          | Typeset Backus Naur Form definitions                                              | Robson                                          | 447         |
| backref           | Make hyper-references back from bibliography to citation                          | Oberdiek                                        | 393         |
| backrefx          | Bibliographical back referencing                                                  | Els                                             | 216         |
| badge             | Print badge labels                                                                | van Oostrum                                     | 402         |
| baekmuk           | Baekmuk Korean TrueType fonts                                                     | Kim, Lemberg                                    | 302         |
| bagpipe           | Support for typesetting bagpipe music                                             | Innis                                           | 283         |
| bahaistar         | Metafont source and macros for the Bahá'í nine-pointed star                       | Kieft                                           | 300         |
| bahyph            | Hyphenation for Basque                                                            | Aguirregabiria                                  | 137         |
| bakoma-fonts      | Computer Modern and AMS fonts in outline form                                     | Malyshev                                        | 356         |
| bakoma-games      | BaKoMa modules for music and games                                                | Malyshev                                        | 356         |
| bakoma-mac        | A BaKoMa system for the Macintosh                                                 | Malyshev                                        | 356         |
| bakoma            | A $\TeX$ distribution for MS-Windows VISTA/XP/2000                                | Malyshev                                        | 356         |
| balance           | Balanced two-column mode                                                          | Daly                                            | 199         |
| balanced          | Balance double-column sections in $\LaTeX$                                        | Unknown                                         | 533         |
| balancedquotes    | Code balanced quotes according to document language                               | Selberg                                         | 475         |

| <i>Package</i>     | <i>Caption</i>                                                             | <i>Author</i>                            | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------|------------------------------------------|-------------|
| bangla             | A comprehensive Bangla $\LaTeX$ package                                    | Hossain                                  | 279         |
| bangorcsthesis     | Typeset a thesis at Bangor University                                      | Gray                                     | 251         |
| bangorexam         | Typeset an examination at Bangor University                                | Gray                                     | 251         |
| bangtex            | Writing Bangla and Assamese with $\LaTeX$                                  | Pal                                      | 407         |
| bankstatement      | A $\LaTeX$ class for bank statements based on csv data                     | Kleber                                   | 304         |
| bar                | A patched version of bar.sty                                               | Bleser, Lang                             | 163         |
| barcodes-vulis     | A font for making barcodes                                                 | Vulis                                    | 562         |
| barcodes           | Fonts for making barcodes                                                  | Willadt                                  | 571         |
| bard               | Celtic bardic runes font                                                   | Lüddecke                                 | 348         |
| bardi              | Hyphenation and babel support for Bardi                                    | Bowern                                   | 168         |
| bardiag            | LaTeX package for drawing bar diagrams                                     | Stepanyan                                | 494         |
| bargraph-js        | Create bar graphs using form fields and JavaScript                         | Story                                    | 497         |
| barkom             | A package for bar charts in $\LaTeX$                                       | Bleser, Lang                             | 163         |
| barracuda          | Draw barcodes with Lua                                                     | Giacomelli                               | 241         |
| bartel-chess-fonts | A set of fonts supporting chess diagrams                                   | Bartel, Preining                         | 150         |
| base               | Definitive source of Plain $\TeX$ on CTAN                                  | Knuth                                    | 310         |
| bashful            | Invoke bash commands from within $\LaTeX$                                  | Gil                                      | 242         |
| bashkirian         | Bashkirian extension to OT2 fonts                                          | Knappen                                  | 308         |
| basicarith         | Macros for typesetting basic arithmetic                                    | Goodman                                  | 246         |
| BasicLaTeX-ru      | An introduction to $\LaTeX$ , in Russian                                   | Kuznetsov                                | 325         |
| basix              | A BASIC interpreter written in $\TeX$                                      | Greene                                   | 252         |
| baskervaldadf      | Baskervald ADF fonts collection with $\TeX$ /LaTeX support                 | Rees                                     | 437         |
| baskervaldx        | Extension and modification of BaskervaldADF with $\LaTeX$ support          | Sharpe                                   | 476         |
| baskervillef       | Fry's Baskerville look-alike, with math support                            | Sharpe                                   | 476         |
| basque-book        | Class for book-type documents written in Basque                            | Ibarra                                   | 282         |
| basque-date        | Print the date in Basque                                                   | Ibarra                                   | 282         |
| bath-bst           | Harvard referencing style as recommended by the University of Bath Library | Ball                                     | 148         |
| battleship         | A $\LaTeX$ style file for typesetting Battleship logic puzzles             | Kleber                                   | 304         |
| baum               | Trees, using PicTeX                                                        | Unknown                                  | 533         |
| bbcard             | Bullshit bingo, calendar and baseball-score cards                          | McPhee                                   | 364         |
| bbding             | A symbol (dingbat) font and $\LaTeX$ macros for its use                    | Neergaard, Horák                         | 383         |
| bbfig              | Calculate and print bounding box                                           | Batchelder, Cosell                       | 151         |
| bb12html           | Convert a $\LaTeX$ .bbl file to formatted html code                        | Blok                                     | 163         |
| bbm-macros         | LaTeX support for "blackboard-style" cm fonts                              | Hilbrich                                 | 273         |
| bbm                | "Blackboard-style" cm fonts                                                | Robert                                   | 443         |
| bbold-type1        | An Adobe Type 1 format version of the bbold font                           | Horn, Hosny                              | 278         |
| bbold              | Sans serif blackboard bold                                                 | Jeffrey                                  | 288         |
| bboldx             | Extension of the bbold package with a Blackboard Bold alphabet             | Sharpe                                   | 476         |
| bbs                | Bibliography style for Behavioral and Brain Sciences                       | Rogers                                   | 449         |
| bchart             | Draw simple bar charts in $\LaTeX$                                         | Kuhn                                     | 323         |
| bclogo             | Creating colourful boxes with logos                                        | Chupin                                   | 191         |
| bdfchess           | Typeset correspondence chess games                                         | Hassel                                   | 265         |
| beamer-fuberlin    | Beamer, using the style of FU Berlin                                       | Voß                                      | 555         |
| beamer-reveal      | Convert beamer slides to reveal.js HTML presentations                      | Daems                                    | 198         |
| beamer-rl          | Right to left presentation with beamer and babel                           | Bou                                      | 168         |
| beamer-theme-albi  | The Albi beamer theme                                                      | Gaborit                                  | 237         |
| beamer-tut-pt      | An introduction to the Beamer class, in Portuguese                         | Campani                                  | 179         |
| beamer-varbox      | Provide beamer boxes with variable size corners                            | Fuchs                                    | 236         |
| beamer-verona      | A theme for the beamer class                                               | Valbusa                                  | 544         |
| beamer             | A $\LaTeX$ class for producing presentations and slides                    | Miletić, Wright, Unknown, Stuart, Tantau | 369         |
| beamer2thesis      | Thesis presentations using beamer                                          | Fiandrino                                | 225         |
| beamerappendixnote | Create notes on appendix frames in beamer                                  | Semken                                   | 475         |
| beameraudience     | Assembling beamer frames according to audience                             | Marschall                                | 358         |

| <i>Package</i>     | <i>Caption</i>                                                                                                     | <i>Author</i>               | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|
| beamerauxtheme     | Supplementary outer and inner themes for beamer                                                                    | Stuart                      | 500         |
| beamercolorthem... | A flexible beamer color theme to maximize visibility                                                               | Churchley                   | 192         |
| beamerdarkthemes   | Dark color themes for beamer                                                                                       | Thiriet                     | 523         |
| beamerposter       | Extend beamer and a0poster for custom sized posters                                                                | Dreuw, Deselaers            | 209         |
| beamersubframe     | Reorder frames in the PDF file                                                                                     | Kaufmann                    | 295         |
| beamersthich       | Convenient mode selection in Beamer documents                                                                      | Ball                        | 148         |
| beamertheme-arg... | Simple, typographic beamer theme                                                                                   | Piazzai                     | 414         |
| beamertheme-bil... | LaTeX Beamer theme for the Department of Economics at Bilkent University                                           | Övet                        | 404         |
| beamertheme-Cle... | A clean and minimalist Beamer theme                                                                                | Marchezi                    | 357         |
| beamertheme-csh    | A Beamer presentation theme for the Complexity Science Hub Vienna                                                  | Haslhofer                   | 265         |
| beamertheme-cuerna | A beamer theme with 4 colour palettes                                                                              | Ochoa                       | 399         |
| beamertheme-det... | A beamer theme designed for use in the University of Leeds                                                         | Mielczarek                  | 368         |
| beamertheme-edm... | A beamer theme for the University of Edinburgh (UoE)                                                               | Fogg                        | 231         |
| beamertheme-epyt   | A simple and clean theme for $\LaTeX$ beamer class                                                                 | Hu                          | 280         |
| beamertheme-focus  | A minimalist presentation theme for $\LaTeX$ Beamer                                                                | Africa                      | 137         |
| beamertheme-gotham | A modern, minimal-ish, versatile and extendable yet robust theme for Beamer                                        | NOËL                        | 390         |
| beamertheme-light  | A minimal beamer style                                                                                             | Vergnet, Goepp, Unknown     | 547         |
| beamertheme-met... | A modern $\LaTeX$ beamer theme                                                                                     | Vogelgesang                 | 554         |
| beamertheme-mirage | A beamer theme with dark and light colour schemes                                                                  | Lim                         | 338         |
| beamertheme-npbt   | A collection of $\LaTeX$ beamer themes                                                                             | Markgraf                    | 358         |
| beamertheme-phn... | A simple beamer theme                                                                                              | Ol                          | 400         |
| beamertheme-pur... | A minimalistic presentation theme for $\LaTeX$ Beamer                                                              | Clasen                      | 192         |
| beamertheme-rai... | A beamer colour theme which alternates theme colours on every frame                                                | Unknown                     | 533         |
| beamertheme-sai... | A beamer theme that incorporates colours and fonts of Saint Petersburg State University                            | Gankevich                   | 238         |
| Beamertheme-Sim... | Template for a simple presentation                                                                                 | Huang                       | 280         |
| beamertheme-Sim... | A simple and clean theme for $\LaTeX$ beamer                                                                       | Huang                       | 280         |
| beamertheme-spe... | A clean beamer/ltx-talk theme with a big title graphic                                                             | Unknown                     | 533         |
| beamertheme-tco... | A beamer/ltx-talk inner theme to reproduce standard beamer blocks using tcolorboxes                                | Unknown                     | 533         |
| beamertheme-trigon | A modern, elegant, and versatile theme for Beamer                                                                  | Lambert                     | 327         |
| beamertheme-upe... | Beamer themes for Boston College and the University of Pennsylvania                                                | Strasser                    | 499         |
| beamerthemeAmur... | A new modern beamer theme                                                                                          | Chupin                      | 191         |
| beamerthemeCele... | A modern and elegant Beamer theme                                                                                  | Ikhlef                      | 282         |
| beamerthemeconc... | A collection of flat beamer themes                                                                                 | Lyu                         | 352         |
| beamerthemeJLTree  | Contributed beamer theme                                                                                           | Lelong                      | 335         |
| beamerthemelalic   | A beamer theme for LALIC                                                                                           | Moreira                     | 375         |
| beamerthemenirma   | A Beamer theme for academic presentations                                                                          | Revar                       | 440         |
| beamerthemeNord    | A simple beamer theme using the “Nord” color theme                                                                 | Wang                        | 565         |
| beamerthemetamu    | A beamer theme for Texas A&M University                                                                            | Zhao                        | 589         |
| beamerthools       | A collection of programming tools for beamer                                                                       | Khalighi                    | 298         |
| bearwear           | Shirts to dress TikZbears                                                                                          | Fischer                     | 227         |
| beaulivre          | Write your books in a colorful way                                                                                 | XU                          | 580         |
| beautybook         | A beautiful book template for maths and science                                                                    | Lu                          | 346         |
| beautynote         | A package designed to meet the publication of books and the production of $\LaTeX$ templates, with elegant chapter | Lu                          | 346         |
| Beebe-DVI          | A modular collection of DVI processors                                                                             | Beebe                       | 155         |
| begingreek         | Greek environment to be used with pdfLaTeX only                                                                    | Beccari                     | 153         |
| beginltx           | A beginner’s guide to $\LaTeX$                                                                                     | Flynn                       | 230         |
| begriff            | Typeset Begriffschrift                                                                                             | Parsons                     | 409         |
| beilstein          | Support for submissions to the “Beilstein Journal of Nanotechnology”                                               | Sievers, Beilstein-Institut | 483         |
| beletter           | Typeset Belgian letters                                                                                            | Kilfiger, Lenaerts          | 301         |

| <i>Package</i>     | <i>Caption</i>                                                                             | <i>Author</i>            | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------|--------------------------|-------------|
| belleek            | Free replacement for basic MathTime fonts                                                  | Kinch                    | 303         |
| bellmac            | Outline scheme for form letter production                                                  | Bell                     | 158         |
| Bengali Omega      | Bengali in Velthuis transliteration or in UTF-8                                            | Raut                     | 436         |
| bengali-pandey     | Support for the Bengali language                                                           | Pandey, Das              | 408         |
| bera               | Bera fonts                                                                                 | Rosenau, Dirr, Schmidt   | 451         |
| berenisadf         | Berenis ADF fonts and T <sub>E</sub> X/LaTeX support                                       | Rees, Harendal           | 438         |
| besjournals-bst    | Bibliographies suitable for British Ecological Society journals                            | DeSouza                  | 204         |
| bestpapers         | A BibTeX package to produce lists of authors' best papers                                  | Veytsman                 | 549         |
| betababel          | Insert ancient greek text coded in Beta Code                                               | Berkemeier               | 160         |
| beton              | Use Concrete fonts                                                                         | Jensen                   | 288         |
| beuron             | The script of the Beuronese art school                                                     | Wehr                     | 567         |
| bewerbung          | Typesetting job applications                                                               | Hilbig                   | 273         |
| bez123             | Support for Bezier curves                                                                  | Robertson, Wilson        | 445         |
| bezierplot         | Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost | Romer                    | 451         |
| bfh-ci             | Corporate Design for Bern University of Applied Sciences                                   | Peischl                  | 412         |
| bfsymb             | Generate bold symbols in Plain T <sub>E</sub> X mathematics                                | Münch                    | 378         |
| bg                 | Annotate backgammon matches and positions                                                  | Richter                  | 441         |
| bghyphen           | Hyphenation patterns for Bulgarian                                                         | Boshnakov                | 166         |
| bgreek             | Using Beccari's fonts in betacode for classical Greek                                      | Rivera                   | 443         |
| bgteubner          | Class for producing books for the publisher "Teubner Verlag"                               | Harders                  | 262         |
| bgqu               | Improved quantifier stroke for Begriffsschrift packages                                    | Green                    | 252         |
| BHCexam            | An exam class for mathematics teachers in China                                            | Bao                      | 149         |
| bib-fr             | French translation of classical BibTeX styles                                              | Markey                   | 357         |
| bib-greek          | A BibTeX style for Greek documents                                                         | Syropoulos               | 503         |
| bib2dvi            | Generate a DVI file from a Bibliography file                                               | Frederiks                | 233         |
| bib2gls            | Command line application to convert .bib files to glossaries-extra.sty resource files      | Talbot                   | 506         |
| bib2ml             | BibTeX to HTML/SQL/XML translator                                                          | Galland                  | 238         |
| bib2qr             | Cite BibTeX entries with QR codes                                                          | Schreinemachers          | 469         |
| bib2xhtml          | Convert BibTeX Files into XHTML                                                            | Spinellis, Hull          | 489         |
| BibArts            | "Arts"-style bibliographical information                                                   | Baumann                  | 151         |
| BibBreeze          | A referencing package for automatically reconstructing bibliography data                   | Tahsiri                  | 506         |
| bibbuild           | A bibliography builder for FileMaker Pro 7                                                 | Harrod                   | 265         |
| bibcard            | An XView based interface for BibTeX databases                                              | Grossniklaus, Ogden      | 255         |
| bibcheck           | Check on references to items in thebibliography                                            | Radhakrishnan, Rajagopal | 432         |
| bibclean           | A BibTeX prettyprinter, verifier, etc.                                                     | Beebe                    | 155         |
| bibcop             | Style checker for .bib files                                                               | Bugayenko                | 174         |
| bibdb              | BibTeX bibliography manager for MS-Windows and MS-DOS                                      | Doron                    | 207         |
| bibentry           | Full bibliography entries in the main text of a document                                   | Daly                     | 199         |
| biber-cygwin       | Biber binaries for Cygwin on Windows                                                       | Brown, Kime              | 172         |
| biber-freebsd      | Biber binaries for FreeBSD                                                                 | Kime, Lečić              | 303         |
| biber-linux-aar... | Biber binaries for Linux_aarch64                                                           | Krumeich                 | 322         |
| biber-linux-musl   | Biber binaries for Linux-MUSL                                                              | Kime, Krumeich           | 303         |
| biber-linux        | Biber binaries for Linux                                                                   | Kime                     | 302         |
| biber-macos        | Biber binaries for MacOS                                                                   | Kime                     | 302         |
| biber-ms-linux     | Biber (multiscript) binaries for Linux                                                     | Kime                     | 302         |
| biber-ms-macos     | Biber (multiscript) binaries for MacOS                                                     | Kime                     | 302         |
| biber-ms-windows   | Biber (multiscript) binaries for Windows                                                   | Kime                     | 302         |
| biber-ms           | A BibTeX replacement for users of BibLaTeX (multiscript version)                           | Kime, Charette           | 303         |
| biber-solaris      | Biber binaries for Solaris                                                                 | Syropoulos, Kime         | 505         |
| biber-windows      | Biber binaries for Windows                                                                 | Kime                     | 302         |
| biber              | A BibTeX replacement for users of BibLaTeX                                                 | Kime, Charette           | 303         |
| Bibex              | Automatic extraction of references from BibTeX databases                                   | Guéhéneuc                | 256         |



| <i>Package</i>     | <i>Caption</i>                                                                                | <i>Author</i>   | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------------|-----------------|-------------|
| bibexport          | Extract a BibTeX file based on a .aux file                                                    | Markey          | 357         |
| bibextract         | Utilities to extract BibTeX data                                                              | Beebe           | 155         |
| bibfile-reforma... | Puts .bib file page ranges into uniform format                                                | Pearlmutter     | 411         |
| bibfilex           | A free bibliographic manager for BibLaTeX                                                     | Nardello        | 383         |
| bibfind            | Prints entries in your bib file that match search string                                      | Breivik         | 170         |
| bibhtml            | BibTeX support for HTML files                                                                 | Gray            | 251         |
| bibindex           | Index BibTeX files for fast searching                                                         | Erickson, Beebe | 218         |
| biblatex-abnt      | BibLaTeX style for Brazil's ABNT rules                                                        | Marques, Sales  | 358         |
| biblatex-accursius | Citing features for Italian jurists                                                           | Contini         | 195         |
| biblatex-ajc202... | BibLaTeX style for the Australasian Journal of Combinatorics                                  | Avdeev          | 146         |
| biblatex-anonymous | A tool to manage anonymous work with BibLaTeX                                                 | Rouquette       | 452         |
| biblatex-apa       | BibLaTeX citation and reference style for APA                                                 | Kime            | 303         |
| biblatex-apa6      | BibLaTeX citation and reference style for APA 6th Edition                                     | Kime            | 303         |
| biblatex-archae... | A collection of BibLaTeX styles for German prehistory                                         | Braun           | 170         |
| biblatex-arthis... | BibLaTeX citation style covers the citation and bibliography guidelines for art historians    | Bossert, Kemper | 168         |
| biblatex-author... | Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX | Titz            | 525         |
| biblatex-bath      | Harvard referencing style as recommended by the University of Bath Library                    | Ball            | 148         |
| biblatex-bookin... | Manage book edited in article                                                                 | Rouquette       | 452         |
| biblatex-bookin... | Manage book edited in other entry type                                                        | Rouquette       | 452         |
| biblatex-bwl       | BibLaTeX citations for FU Berlin                                                              | Voß             | 555         |
| biblatex-casper... | A simple citation style for Chinese users                                                     | Vector          | 547         |
| biblatex-cheats... | BibLaTeX/Biber 'cheat sheet'                                                                  | Rees            | 437         |
| biblatex-chem      | A set of BibLaTeX implementations of chemistry-related bibliography styles                    | Wright          | 577         |
| biblatex-chicago   | Chicago style files for BibLaTeX                                                              | Fussner         | 237         |
| biblatex-claves    | A tool to manage claves of old literature with BibLaTeX                                       | Rouquette       | 452         |
| biblatex-cse       | Council of Science Editors (CSE) style file for BibLaTeX                                      | Lourenço        | 345         |
| biblatex-cv        | Create a CV from BibTeX files                                                                 | Shub            | 481         |
| biblatex-dw        | Humanities styles for BibLaTeX                                                                | Waßenhoven      | 566         |
| biblatex-enc       | BibLaTeX style for the École nationale des chartes (Paris)                                    | Camps           | 179         |
| biblatex-ext       | Extended BibLaTeX standard styles                                                             | Wemheuer        | 568         |
| biblatex-fiwi      | BibLaTeX styles for use in German humanities                                                  | Spiegel         | 489         |
| biblatex-gb7714... | A BibLaTeX implementation of the GB7714-2015 bibliography style for Chinese users             | Zhenzhen        | 590         |
| biblatex-german... | Comprehensive citation style for German legal texts                                           | Brodowski       | 171         |
| biblatex-gost      | BibLaTeX support for GOST standard bibliographies                                             | Domanov         | 206         |
| biblatex-historian | A BibLaTeX style                                                                              | Gliboff         | 244         |
| biblatex-ieee      | IEEE style files for BibLaTeX                                                                 | Wright          | 577         |
| biblatex-ijrsra    | BibLaTeX style for the International Journal of Student Research in Archaeology               | Bossert         | 167         |
| biblatex-iso690    | BibLaTeX style for ISO 690 standard                                                           | Hoftich         | 275         |
| biblatex-jura      | BibLaTeX stylefiles for German legal literature                                               | Hard            | 262         |
| biblatex-jura2     | Citation style for the German legal profession                                                | Christoph       | 191         |
| biblatex-juradiss  | BibLaTeX stylefiles for German law theses                                                     | Schwan, Voß     | 473         |
| biblatex-license   | Add license data to the bibliography                                                          | Wagner          | 562         |
| biblatex-lncs      | BibLaTeX style for Springer Lecture Notes in Computer Science                                 | Göttlinger      | 248         |
| biblatex-lni       | LNI style for BibLaTeX                                                                        | Kopp            | 317         |
| biblatex-luh-ipw   | BibLaTeX styles for social sciences                                                           | Heins           | 267         |
| biblatex-manusc... | Manage classical manuscripts with BibLaTeX                                                    | Rouquette       | 453         |
| biblatex-mla       | MLA style files for BibLaTeX                                                                  | Clawson         | 193         |
| biblatex-morenames | New names for standard BibLaTeX entry type                                                    | Rouquette       | 453         |
| biblatex-ms        | Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)         | Kime            | 303         |



| <i>Package</i>     | <i>Caption</i>                                                                                         | <i>Author</i>                 | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|-------------|
| biblatex-multip... | Load multiple datamodels in BibLaTeX                                                                   | Rouquette                     | 453         |
| biblatex-musuos    | A BibLaTeX style for citations in musuos.cls                                                           | Weh                           | 567         |
| biblatex-nature    | BibLaTeX support for Nature                                                                            | Wright                        | 577         |
| biblatex-nejm      | BibLaTeX style for the New England Journal of Medicine (NEJM)                                          | Aluthge, Daniel               | 140         |
| biblatex-nottsc... | Citation style for the University of Nottingham                                                        | Bossert                       | 167         |
| biblatex-opcit...  | Use op. cit. for the booktitle of a subentry                                                           | Rouquette                     | 453         |
| biblatex-oxref     | BibLaTeX styles inspired by the Oxford Guide to Style                                                  | Ball                          | 148         |
| biblatex-philos... | Styles for using BibLaTeX for work in philosophy                                                       | Valbusa                       | 544         |
| biblatex-phys      | A BibLaTeX implementation of the AIP and APS bibliography style                                        | Wright                        | 577         |
| biblatex-publist   | BibLaTeX bibliography support for publication lists                                                    | Spitzmüller                   | 489         |
| biblatex-readbbl   | Read a .bbl file created by biber                                                                      | Voß                           | 555         |
| biblatex-realau... | Indicate the real author of a work                                                                     | Rouquette                     | 453         |
| biblatex-sbl       | Society of Biblical Literature (SBL) style files for BibLaTeX                                          | Purton                        | 430         |
| biblatex-science   | BibLaTeX implementation of the Science bibliography style                                              | Wright                        | 577         |
| biblatex-shortf... | Use short forms of fields with BibLaTeX                                                                | Rouquette                     | 453         |
| biblatex-social... | BibLaTeX-style for the social sciences at HU Berlin                                                    | Bossert                       | 167         |
| biblatex-software  | BibLaTeX stylefiles for software products                                                              | Di Cosmo                      | 196         |
| biblatex-source... | References by “division” in classical sources                                                          | Rouquette                     | 453         |
| biblatex-spbasic   | A BibLaTeX style emulating Springer’s old spbasic.bst                                                  | Voß                           | 555         |
| biblatex-subseries | Manages subseries with BibLaTeX                                                                        | Rouquette                     | 453         |
| biblatex-swiss...  | Bibliography and citation styles following Swiss legal practice                                        | Vion, Mörtl                   | 553         |
| biblatex-trad      | “Traditional” BibTeX styles with BibLaTeX                                                              | Wemheuer                      | 568         |
| biblatex-true-c... | Correction of some limitation of the citepages=omit option of BibLaTeX styles                          | Rouquette                     | 453         |
| biblatex-unified   | BibLaTeX implementation of the unified stylesheet for linguistics journals                             | von Fintel                    | 227         |
| biblatex-vancouver | Vancouver style for BibLaTeX                                                                           | Mondal                        | 373         |
| BibLaTeX           | Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X                                        | Lehman, Kime                  | 333         |
| biblatex2bibitem   | Convert BibLaTeX-generated bibliography to bibitems                                                    | Avdeev                        | 146         |
| BiBLE              | A BibTeX library editor                                                                                | Schreiber                     | 469         |
| bibleref-french    | French translations for bibleref                                                                       | Rouquette, Pinson             | 454         |
| bibleref-german    | German adaptation of bibleref                                                                          | Waßenhoven                    | 566         |
| bibleref-lds       | Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints | Parry                         | 409         |
| bibleref-mouth     | Consistent formatting of Bible references                                                              | Parry                         | 409         |
| bibleref-parse     | Specify Bible passages in human-readable format                                                        | Kuhnert                       | 324         |
| bibleref           | Format bible citations                                                                                 | Talbot, Rouquette             | 512         |
| biblext            | Insert Bible passages by their reference                                                               | Staps                         | 493         |
| biblio-perl        | System for maintaining and presenting bibliographies                                                   | Stepanyan                     | 494         |
| biblio             | A collection of bibliographies                                                                         | Beebe                         | 155         |
| biblist            | Print a BibTeX database                                                                                | Schrod                        | 469         |
| biblook            | Fast searching of BibTeX files                                                                         | Erickson, Beebe               | 218         |
| biblos             | CGI interface to BibTeX files                                                                          | Moller                        | 373         |
| bibmods            | Tighter tolerances for bibliographies                                                                  | Beebe                         | 155         |
| bibplain           | Simple macros for using BibTeX with Plain T <sub>E</sub> X                                             | Ferro                         | 224         |
| bibsort            | Sort a BibTeX bibliography file                                                                        | Beebe                         | 155         |
| BibTeX-examples    | Examples of BibTeX usage                                                                               | Beebe                         | 155         |
| BibTeX Database... | A simple interactive script to generate BibTeX Files                                                   | Gupta                         | 257         |
| BibTeX-help        | VMS help file for BibTeX                                                                               | Greenwade                     | 252         |
| bibtex-test        | BibTeX testing files                                                                                   | Beebe                         | 155         |
| bibtex             | Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats                | Patashnik                     | 410         |
| bibtex8            | A fully 8-bit adaptation of BibTeX 0.99                                                                | Kempson, T <sub>E</sub> XLive | 297         |
| BibTexMng          | Manipulate BibTeX database files                                                                       | VNP Comp                      | 554         |
| bibtexperllibs     | BibTeX Perl Libraries                                                                                  | Gossen, Veytsman              | 248         |

| <i>Package</i>     | <i>Caption</i>                                                                                                               | <i>Author</i>                                                     | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| bibtexu            | An adaptation of BibTeX 0.99 that supports Unicode via ICU                                                                   | Haralambous, Japanese T <sub>E</sub> X Team, T <sub>E</sub> XLive | 262         |
| BibTool            | A tool for manipulating BibTeX files                                                                                         | Neugebauer                                                        | 383         |
| bibttools          | Bib management tools                                                                                                         | Kotz, Gildea                                                      | 319         |
| bibtopic           | Include multiple bibliographies in a document                                                                                | Basso, Ulrich                                                     | 151         |
| bibtopicprefix     | Prefix references to bibliographies produced by bibtopic                                                                     | Schröder                                                          | 470         |
| bibunits           | Multiple bibliographies in one document                                                                                      | Fernández, Hansen                                                 | 224         |
| bibutils           | A collection of bibliography format convertors                                                                               | Putnam                                                            | 431         |
| bibview-x          | A visual manager for BibTeX files                                                                                            | Liebl, Martin, Urban                                              | 337         |
| bibview            | View BibTeX files                                                                                                            | Jacobsen                                                          | 286         |
| bibweb             | Automatically retrieve bibliography from MathSciNet                                                                          | Palmieri                                                          | 407         |
| bicaption          | Support for bilingual captions                                                                                               | Sommerfeldt                                                       | 488         |
| bickham            | Virtual fonts for Adobe Bickham Script Pro                                                                                   | Sharpe                                                            | 477         |
| bidi-atbegshi      | Bidi-aware shipout macros                                                                                                    | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidi               | Bidirectional typesetting in plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X, using XeTeX or Lua-T <sub>E</sub> X | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidicontour        | Bidi-aware coloured contour around text                                                                                      | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidihl             | Experimental bidi-aware text highlighting                                                                                    | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidipagegrid       | Bidi-aware page grid in background                                                                                           | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidipresentation   | Experimental bidi presentation                                                                                               | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidishadowtext     | Bidi-aware shadow text                                                                                                       | Khalighi, bidi-tex GitHub Organisation                            | 298         |
| bidstobibtex       | Convert BIDS returns to BibTeX                                                                                               | Stone                                                             | 495         |
| bigdelim           | Big delimiters in tabular or array                                                                                           | van Oostrum                                                       | 402         |
| bigfoot            | Footnotes for critical editions                                                                                              | Kastrup                                                           | 295         |
| bigintcalc         | Integer calculations on very large numbers                                                                                   | Oberdiek                                                          | 393         |
| bigints            | Writing big integrals                                                                                                        | Merciadri                                                         | 366         |
| bigsign            | Making “big signs” (mini-posters)                                                                                            | Lingnau                                                           | 339         |
| bigstrut           | Struts for opening up tabular spacing                                                                                        | van Oostrum                                                       | 402         |
| bigtable           | Multi-page tables in Plain T <sub>E</sub> X                                                                                  | Mathas, Howlett                                                   | 359         |
| bigtabular         | Tabulars that can split at page boundaries                                                                                   | Duchier                                                           | 210         |
| biihead            | Underlined page headings                                                                                                     | Shapin                                                            | 476         |
| bilingualpages     | Typeset two columns in parallel                                                                                              | Coles                                                             | 194         |
| binarytree         | Drawing binary trees using TikZ                                                                                              | Nikolova                                                          | 389         |
| binhex             | Convert numbers into binary, octal and hexadecimal                                                                           | Kastrup                                                           | 295         |
| binomexp           | Calculate Pascal’s triangle                                                                                                  | Roderick                                                          | 448         |
| biochemistry-co... | Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry                                             | Buxbaum                                                           | 177         |
| biocon             | Typesetting biological species names                                                                                         | Edelman                                                           | 214         |
| biokey             | Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X                                                        | Shipunov                                                          | 480         |
| biolett-bst        | A BibTeX style for the journal “Biology Letters”                                                                             | DeSouza                                                           | 204         |
| biolinum-type1     | (pdf)LaTeX support for the Biolinum family of fonts                                                                          | Tennent                                                           | 515         |
| biolist            | List observed species                                                                                                        | Shipunov                                                          | 480         |
| Birkhaeuser        | Style for Birkhaeuser books, conference proceedings, etc.                                                                    | Balemi                                                            | 148         |
| bit2spr            | Convert bitmaps to “sprites”                                                                                                 | Rovner                                                            | 454         |
| bitelist           | Split list, in T <sub>E</sub> X’s mouth                                                                                      | Lück                                                              | 346         |
| bitfield           | Draw bit field data structure diagrams (obsolete)                                                                            | Thomas                                                            | 523         |
| bithesis           | Templates for the Beijing Institute of Technology                                                                            | Kaiyu                                                             | 293         |
| bitpattern         | Typeset bit pattern diagrams                                                                                                 | Bourguet                                                          | 168         |
| bits               | Sub-document environments in L <sup>A</sup> T <sub>E</sub> X                                                                 | Swift                                                             | 502         |

| <i>Package</i>     | <i>Caption</i>                                                   | <i>Author</i>                                           | <i>Page</i> |
|--------------------|------------------------------------------------------------------|---------------------------------------------------------|-------------|
| bitset             | Handle bit-vector datatype                                       | Oberdiek                                                | 393         |
| bitstrea           | Support for use of Bitstream fonts                               | Unknown                                                 | 533         |
| bitter             | The Bitter family of fonts with $\LaTeX$ support                 | Tennent                                                 | 515         |
| bizcard            | Typeset business cards                                           | Kirsch                                                  | 303         |
| bjfuthesis         | A thesis class for Beijing Forestry University                   | Liu                                                     | 339         |
| blackboard         | Comparison of blackboard bold fonts                              | Kummer                                                  | 324         |
| blackletter        | A blackletter font                                               | Unknown                                                 | 533         |
| blacklettert1      | T1-encoded versions of Haralambous old German fonts              | Bronger                                                 | 172         |
| blanks             | Macros for “fill in the blanks” forms                            | Varian                                                  | 545         |
| blindtext          | Producing ‘blind’ text for testing                               | Lickert                                                 | 337         |
| blkarray           | Extended array and tabular                                       | Carlisle                                                | 180         |
| blkentrl           | Block-element hooks in $\LaTeX$                                  | Swift                                                   | 502         |
| blochsphere        | Draw pseudo-3D diagrams of Bloch spheres                         | Wardrop                                                 | 565         |
| block              | A block letter style for the letter class                        | Huang                                                   | 280         |
| blockdraw_mp       | Block diagrams and bond graphs, with MetaPost                    | Tidefelt                                                | 524         |
| BLOpenType         | A basic LuaTeX OpenType handler                                  | Rivera                                                  | 443         |
| bloques            | Generate control diagrams                                        | Ruiz                                                    | 457         |
| blowup             | Upscale or downscale all pages of a document                     | Niepraschk                                              | 388         |
| blox               | Draw block diagrams, using TikZ                                  | Reish                                                   | 439         |
| blue               | A document preparation system                                    | van der Laan                                            | 326         |
| bm                 | Access bold symbols in maths mode                                | Carlisle, Mittelbach, $\LaTeX$ Team                     | 182         |
| bm2font            | Convert bitmaps to PK fonts                                      | Sowa, Gillespie                                         | 488         |
| bm2ltx             | Convert a bitmap image to $\LaTeX$ code                          | Bontus                                                  | 165         |
| bmeps              | Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS                  | Krause                                                  | 319         |
| bmpp               | Convert bitmap files to PS/EPS/PDF                               | Krause                                                  | 319         |
| bmppsize           | Extract size and resolution data from bitmap files               | Oberdiek                                                | 393         |
| bmstu-iu8          | A class for IU8 reports                                          | Unknown                                                 | 533         |
| bmstu              | A $\LaTeX$ class for Bauman Moscow State Technical University    | Novikov                                                 | 391         |
| bnf-plain          | Plain $\TeX$ macros for BNF grammars                             | Quanstrom                                               | 431         |
| bnumexpr           | Extends eTeX’s \numexpr...relax construct to big integers        | Burnol                                                  | 175         |
| bodegraph          | Draw Bode, Nyquist and Black plots with gnuplot and TikZ         | Papanicola                                              | 408         |
| bodeplot           | Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots    | Kamalapurkar                                            | 293         |
| bohr               | Simple atom representation according to the Bohr model           | Niederberger                                            | 386         |
| boisik             | A font inspired by Baskerville design                            | Mitek                                                   | 371         |
| boites             | Boxes that may break across pages                                | Zoonekynd, Malaquias                                    | 592         |
| bold-extra         | Use bold small caps and typewriter fonts                         | Fairbairns, Carlisle                                    | 220         |
| boldline           | Heavier lines in tables                                          | Shipunov                                                | 480         |
| boldtensors        | Bold latin and greek characters through simple prefix characters | Fink, Bachteler                                         | 227         |
| bondgraph          | Create bond graph figures in $\LaTeX$ documents                  | Dupuis                                                  | 212         |
| bondgraphs         | Draws bond graphs in $\LaTeX$ , using PGF/TikZ                   | Folkertsma                                              | 231         |
| bonum-otf          | Support for the OpenType font Bonum                              | Voß                                                     | 555         |
| book-examples      | A collection of examples from published $\TeX$ -related books    | Unknown                                                 | 533         |
| book-of-common-... | Typeset in the style of “Book of Common Prayer”                  | Coles                                                   | 194         |
| book               | A class for typesetting books                                    | $\LaTeX$ Team                                           | 425         |
| bookcover          | A class for book covers and dust jackets                         | Tómacs                                                  | 526         |
| bookdb             | A BibTeX style file for cataloguing a home library               | Wilson                                                  | 572         |
| bookest            | Extended book class                                              | Bresciani                                               | 171         |
| bookform           | LaTeX 2.08 style for MIL STD 490 documents                       | McPherson                                               | 365         |
| bookhands          | A collection of book-hand fonts                                  | Wilson                                                  | 572         |
| booklet            | Aids for printing simple booklets                                | Robertson, Wilson                                       | 445         |
| bookmark           | A new bookmark (outline) organization for hyperref               | Oberdiek, $\LaTeX$ Team, Oberdiek Package Support Group | 399         |
| bookshelf          | Create a nice image from a BibTeX file                           | Flynn, Veytsman                                         | 230         |

| <i>Package</i>     | <i>Caption</i>                                                                                                     | <i>Author</i>                              | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|
| booktabs-de        | German version of booktabs                                                                                         | Römer, Manderla                            | 451         |
| booktabs-fr        | French translation of booktabs documentation                                                                       | Drucbert, Goutelle                         | 210         |
| booktabs           | Publication quality tables in $\LaTeX$                                                                             | Els, Fear                                  | 217         |
| boolexpr           | A boolean expression evaluator and a switch command                                                                | Chervet                                    | 188         |
| boondox            | Mathematical alphabets derived from the STIX fonts                                                                 | Sharpe                                     | 477         |
| bootstrapicons     | Icons from the framework Bootstrap                                                                                 | Steinhauer                                 | 494         |
| bophook            | Provides an At-Begin-Page hook                                                                                     | Tinnefeld                                  | 524         |
| borceux            | Diagram macros by François Borceux                                                                                 | Borceux                                    | 165         |
| border             | Draw a black border around a Plain $\TeX$ page                                                                     | Brister                                    | 171         |
| bosisio            | A collection of packages by Francesco Bosisio                                                                      | Bosisio                                    | 167         |
| boxedart4mac       | Import graphics into Macintosh $\TeX$                                                                              | Siebenmann                                 | 481         |
| boxedeps           | Incorporate EPS files into $\TeX$ documents                                                                        | Siebenmann                                 | 481         |
| boxedminipage      | Framed minipages of a specified total width (text and frame combined)                                              | Pakin                                      | 405         |
| boxhandler         | Flexible Captioning and Deferred Box/List Printing                                                                 | Segletes                                   | 474         |
| boxit-ltx          | An environment for boxing things                                                                                   | van der Goot                               | 248         |
| boxit              | Draw a box around a text                                                                                           | Unknown                                    | 533         |
| bpchem             | Typeset chemical names, formulae, etc.                                                                             | Pedersen                                   | 411         |
| bpolynomial        | Drawing polynomial functions of up to order 3                                                                      | Hennig                                     | 271         |
| br-lex             | A Class for Typesetting Brazilian legal texts                                                                      | Cherem                                     | 188         |
| bracealign         | Align braces under and over math expressions                                                                       | Labbé                                      | 326         |
| bracketkey         | Produce bracketed identification keys                                                                              | Heibl                                      | 267         |
| braids             | Draw braid diagrams with PGF/TikZ                                                                                  | Stacey                                     | 491         |
| braille            | Support for braille                                                                                                | Park, Unruh                                | 409         |
| braket             | Dirac bra-ket and set notations                                                                                    | Arseneau                                   | 142         |
| brandeis-disser... | Class for Brandeis University dissertations                                                                        | Burt, Peck                                 | 177         |
| brandeis-proble... | Document class for COSI Problem sets at Brandeis University (Waltham, MA)                                          | Turner                                     | 530         |
| brandeis-thesis    | A class for Brandeis University M.A. theses                                                                        | Burt                                       | 177         |
| brclc              | Support 16-bit (double) calculations in $\LaTeX$                                                                   | Radgen                                     | 432         |
| breakcites         | Ensure that multiple citations may break at line end                                                               | Hosek, Broska, Hosek                       | 278         |
| breakurl           | Line-breakable <code>\url</code> -like links in <code>hyperref</code> when compiling via <code>dvips/ps2pdf</code> | Neto                                       | 179         |
| bredzenie          | A Polish version of “lorem ipsum...” in the form of a $\LaTeX$ package                                             | Woliński                                   | 576         |
| breqn              | Automatic line breaking of displayed equations                                                                     | Downes, Høgholm, Madsen, Robertson, Wright | 208         |
| bridge-pln         | Plain $\TeX$ macros for writing about bridge                                                                       | van der Laan                               | 326         |
| bridge             | Typesetting bridge diagrams                                                                                        | van der Laan                               | 326         |
| brief-t            | LaTeX support for the brief editor                                                                                 | Hedne                                      | 266         |
| bropd              | Simplified brackets and differentials in $\LaTeX$                                                                  | Tatlock                                    | 512         |
| broydensolve       | Solve a system of equations with Broyden’s good method                                                             | Floré                                      | 229         |
| brushscr           | A handwriting script font                                                                                          | Loreti                                     | 344         |
| bsf                | Access bold computer modern sans in $\LaTeX$ 2.09                                                                  | Leichter                                   | 334         |
| bsheaders          | Double-ruled chapter heading style                                                                                 | Loreti                                     | 345         |
| bsl                | Access bold computer modern slanted in $\LaTeX$ 2.09                                                               | Greenwade                                  | 253         |
| BSR2dvi            | Convert a $\TeX$ tures working file to DVI                                                                         | Siebenmann                                 | 482         |
| htable             | Bordered tables                                                                                                    | van der Laan                               | 326         |
| bt00L              | Perl library for parsing and processing BibTeX files                                                               | Ward                                       | 565         |
| bubblesort         | Bubble sorts a list                                                                                                | Taylor                                     | 513         |
| BUCTthesis         | Beijing University of Chemical Technology Thesis Template                                                          | Unknown, Changcheng Student Network        | 543         |
| bulletctr          | Display list item counter as regular pattern of bullets                                                            | Mezzetti                                   | 367         |
| bundledoc          | Bundle together all the files needed to build a $\LaTeX$ document                                                  | Pakin                                      | 405         |
| burmese            | Basic Support for Writing Burmese                                                                                  | Reese, Lepper                              | 438         |
| buscard            | A document style for business cards                                                                                | Roth                                       | 452         |
| business-research  | Markup for the journal Business Research                                                                           | Löffler, Schanz                            | 340         |

| <i>Package</i>     | <i>Caption</i>                                                                              | <i>Author</i>                                        | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|-------------|
| businesscard-qr... | Business cards with QR-Code                                                                 | Wäckerlin                                            | 562         |
| bussproofs-extra   | Extra commands for bussproofs.sty                                                           | Zach                                                 | 585         |
| bussproofs         | Proof trees in the style of the sequent calculus                                            | Buss                                                 | 177         |
| BXbase             | BX bundle base components                                                                   | Yato                                                 | 582         |
| bxcalc             | Extend the functionality of the calc package                                                | Yato                                                 | 583         |
| bxcjkatype         | Typeset Japanese with pdfLaTeX and CJK                                                      | Yato                                                 | 583         |
| bxcoloremoji       | Use color emojis more conveniently                                                          | Yato                                                 | 583         |
| bxdpd-beamer       | Dvipdfmx extras for use with beamer                                                         | Yato                                                 | 583         |
| bxdvidriver        | Enables specifying a driver option effective only in DVI output                             | Yato                                                 | 583         |
| bxeepic            | Eepic facilities using pict2e                                                               | Yato                                                 | 583         |
| bxenclose          | Enclose the document body with some pieces of code                                          | Yato                                                 | 583         |
| BXghost            | Ghost insertion for proper xkanjiskip                                                       | Asakura                                              | 145         |
| BXjaholiday        | Support for Japanese holidays                                                               | Asakura                                              | 145         |
| BXjalipsum         | Dummy text in Japanese                                                                      | Yato                                                 | 583         |
| BXjaprnind         | Adjust the position of parentheses at paragraph head                                        | Yato                                                 | 583         |
| bxjatoucs          | Convert Japanese character code to Unicode                                                  | Yato                                                 | 583         |
| BXjscls            | Japanese document class collection for all major engines                                    | Yato                                                 | 583         |
| bxnewfont          | Enhanced \newfont command                                                                   | Yato                                                 | 583         |
| bxorigcapt         | To retain the original caption names when using Babel                                       | Yato                                                 | 583         |
| bxpapersize        | Synchronize output paper size with layout paper size                                        | Yato                                                 | 583         |
| bxpdfver           | Specify version and compression level of output PDF files                                   | Yato                                                 | 583         |
| bxtexlogo          | Additional T <sub>E</sub> X-family logos                                                    | Yato                                                 | 584         |
| bxwareki           | Convert dates from Gregorian to Japanese calender                                           | Yato                                                 | 584         |
| byo-twemojis       | “Build Your Own Twemojis” with TikZ                                                         | Rossel                                               | 452         |
| byrne              | Typeset geometric proofs in the style of Oliver Byrne’s 1847 edition of Euclid’s “Elements” | Slyusarev                                            | 485         |
| bytefield          | Create illustrations for network protocol specifications                                    | Pakin                                                | 405         |
| byzantinemusic     | Facilitates writing byzantinemusic                                                          | Cornaros                                             | 196         |
| byzfonts           | Byzantine Music Font                                                                        | Vamvakas, Kotopoulos                                 | 545         |
| <b>CCCCC</b>       |                                                                                             |                                                      |             |
| c-pascal           | Typeset Python, C and Pascal programs                                                       | Šegan, Gulczynski                                    | 474         |
| c2cweb             | C language prettyprinter                                                                    | Lemberg                                              | 335         |
| c2latex            | Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X                          | Ramsdell                                             | 435         |
| cabin              | A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support                    | Tennent                                              | 515         |
| cachepic           | Convert document fragments into graphics                                                    | Trzeciak                                             | 528         |
| caesarcm           | Hyphenation of inflected languages, using CM fonts                                          | Siebenmann                                           | 482         |
| cahierprof         | Schedule and grade books for French teachers                                                | Giromini                                             | 243         |
| cahyph             | Hyphenation patterns for the Catalan language                                               | Badenes Guia, Turon                                  | 256         |
| caladea            | Support for the Caladea family of fonts                                                     | Tennent                                              | 515         |
| calc               | Simple arithmetic in L <sup>A</sup> T <sub>E</sub> X commands                               | L <sup>A</sup> T <sub>E</sub> X Team, Thorup, Jensen | 430         |
| calcage            | Calculate the age of something, in years                                                    | Schneider                                            | 468         |
| calcfrac           | Calculates the value of an expression containing fractions                                  | Unknown                                              | 533         |
| calctab            | Language for numeric tables                                                                 | Giacomelli                                           | 241         |
| calculation        | Typesetting reasoned calculations, also called calculational proofs                         | Fokkinga                                             | 231         |
| calculator         | Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator                              | Fuster                                               | 237         |
| calclatoritems     | Insert menus/items for classic calculators                                                  | Pierquet                                             | 415         |
| calendar-Barr      | A calendar document                                                                         | Barr                                                 | 149         |
| calendar           | A package for calendars and timetables                                                      | Bennett                                              | 158         |
| calendarweek       | Calculate the week number of a date                                                         | Hoekwater                                            | 274         |
| calligra-type1     | Type 1 version of Calligra                                                                  | Vanroose, Hosny                                      | 545         |
| calligra           | Calligraphic font                                                                           | Vanroose, Dachian                                    | 545         |
| callouts-box       | Provides visually appealing callout boxes                                                   | Dujardin                                             | 211         |
| callouts           | Put simple annotations and notes inside a picture                                           | Stuetz                                               | 500         |
| calorie            | Calorie checking for dieters                                                                | Aonuma                                               | 141         |
| calrsfs            | Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X                         | Zhytnikov                                            | 590         |



| <i>Package</i>     | <i>Caption</i>                                                                    | <i>Author</i>           | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------|-------------------------|-------------|
| cals               | Multipage tables with wide range of features                                      | Parashchenko            | 409         |
| calxxxx-yyyy       | Print a calendar for a group of years                                             | Münch                   | 377         |
| calxxxx            | Prints a card-size calendar for any year                                          | Jankovic                | 286         |
| camel              | Prototype work on future citation engine                                          | Bennett                 | 159         |
| cancel             | Place lines through maths formulae                                                | Arseneau                | 142         |
| canoniclayout      | Create canonical page layouts with memoir                                         | Beccari                 | 153         |
| cantarell          | LaTeX support for the Cantarell font family                                       | El Morabity             | 374         |
| capbas             | Capital baseball “matrix printer” font collection                                 | Bloemen                 | 163         |
| capparmode         | Dropped capitals for Plain $\TeX$                                                 | Braunegg                | 170         |
| capt-of            | Captions on more than floats                                                      | Fairbairns, Carlisle    | 220         |
| captcont           | Retain float number across several floats                                         | Cochran                 | 193         |
| captdef            | Declare free-standing <code>\caption</code> commands                              | Fairbairns, Carlisle    | 220         |
| caption            | Customising captions in floating environments                                     | Sommerfeldt             | 488         |
| caption2           | Superseded version of the caption package                                         | Sommerfeldt             | 488         |
| carbohydrates      | Carbohydrate molecules with chemfig                                               | Niederberger            | 386         |
| card-set           | Typeset text for cardfile cards                                                   | Potuček Jr.             | 292         |
| card               | Print visiting cards                                                              | Balemi                  | 148         |
| carlisle           | David Carlisle’s small packages                                                   | Carlisle                | 180         |
| carlito            | Support for Carlito sans-serif fonts                                              | Tennent                 | 515         |
| carolmin-t1        | Adobe Type 1 format of Carolingian Minuscule fonts                                | Jørgensen               | 290         |
| carolmin           | Carolingian Minuscule manuscript book-hand font                                   | Wilson                  | 572         |
| cartonaugh         | A LuaLaTeX package for drawing karnaugh maps with up to 6 variables               | Bouajjaj                | 168         |
| cascade            | Constructions with braces to present mathematical demonstrations                  | Pantigny                | 408         |
| CascadiaCode       | The Cascadia Code font with support for $\LaTeX$ and pdfLaTeX                     | Ebinger                 | 213         |
| cascadiamono-otf   | Fontspec support for the OpenType font CascadiaMono                               | Pierquet                | 415         |
| cascadilla         | Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project | Bane                    | 149         |
| cascover           | Make cassette covers                                                              | Raaijmakers             | 431         |
| cases              | Numbered cases environment                                                        | Arseneau                | 143         |
| casiofont          | Support for the Casio ClassWiz font                                               | Munn                    | 378         |
| cassette-shipunov  | Print labels for audio cassettes                                                  | Shipunov                | 480         |
| cassette           | Typeset cassette box inserts                                                      | Strip                   | 500         |
| cassette209        | A $\LaTeX$ 209 document style for cassette inserts                                | Steuer                  | 495         |
| caslbl             | Typeset cassette labels                                                           | Besson                  | 161         |
| casyl              | Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics                           | Derzhanski              | 204         |
| catalan            | Catalan hyphenation patterns                                                      | Wierda                  | 570         |
| catalanbib         | Bibliographic styles for use in Catalan                                           | Fuster                  | 237         |
| Catalogue          | A catalogue of what’s available on CTAN                                           | Williams, The CTAN Team | 571         |
| catchfile          | Catch an external file into a macro                                               | Oberdiek                | 393         |
| catchfilebetwee... | Catch text delimited by docstrip tags                                             | Chervet                 | 188         |
| catcodes           | Generic handling of $\TeX$ category codes                                         | Lück                    | 346         |
| catdoc             | Text extractor for word files                                                     | Wagner                  | 562         |
| catdvi             | A DVI to plain text translator                                                    | Kaijanaho, Brill        | 293         |
| catechis           | Macros for typesetting catechisms                                                 | Goodman                 | 246         |
| catoptions         | Preserving and recalling standard catcodes                                        | Musa, Carlisle          | 381         |
| catppuccinPalette  | Provides (x)colors of catppuccin theme                                            | Goudham, Heindl         | 248         |
| causets            | Draw causal set (Hasse) diagrams                                                  | Minz                    | 370         |
| cboptic            | Coptic fonts and $\LaTeX$ macros for general usage and for philology              | Beccari, Rosmorduc      | 154         |
| cbe                | Bibliography style for Council of Biology Editors format                          | Rogers                  | 449         |
| cbfonts-fd         | LaTeX font description files for the CB Greek fonts                               | Beccari                 | 153         |
| cbgreek-complete   | Complete set of Greek fonts                                                       | Beccari, Syropoulos     | 154         |
| cc-pl              | Polish extension of Computer Concrete fonts                                       | Jackowski, Ryćko, Bzyl  | 286         |
| ccaption           | Continuation headings and legends for floats                                      | Robertson, Wilson       | 445         |
| ccfonts            | Support for Concrete text and math fonts in $\LaTeX$                              | Schmidt, Harcombe       | 465         |



| <i>Package</i> | <i>Caption</i>                                                                   | <i>Author</i>                    | <i>Page</i> |
|----------------|----------------------------------------------------------------------------------|----------------------------------|-------------|
| cchess         | Chinese chess                                                                    | Richer, Mittelbach               | 441         |
| ccicons        | LaTeX support for Creative Commons icons                                         | Ummels                           | 531         |
| CClicenses     | Typeset Creative Commons licence logos                                           | Pignalberi                       | 420         |
| ccool          | A key-value document command parser                                              | Rogard                           | 449         |
| cd             | Typeset CD covers                                                                | Vigna, Lemberg                   | 553         |
| cdcmd          | Expandable conditional commands for $\LaTeX$                                     | Unknown                          | 534         |
| cdcover        | Typeset CD covers                                                                | Holm Christensen                 | 191         |
| cdlabeler      | Take user text and typeset it to fit a CD label                                  | Eijkhout                         | 215         |
| C.D.P. Bundle  | Business letters in the Italian style                                            | Mezzetti                         | 367         |
| cea            | Produce papers for Computers and Electronics in Agriculture                      | McCauley                         | 362         |
| cell           | Bibliography style for Cell                                                      | Schneider                        | 468         |
| cellprops      | Accept CSS-like selectors in tabular, array, ...                                 | Rivaud                           | 442         |
| cellspace      | Ensure minimal spacing of table cells                                            | Noirel                           | 390         |
| cellular       | Cellular table construction                                                      | Pittman                          | 421         |
| cellwise       | Building tables one cell at a time                                               | Borck-Elsner                     | 165         |
| celtic         | A TikZ library for drawing celtic knots                                          | Stacey                           | 491         |
| censor         | Tools for producing redacted documents                                           | Segletes                         | 474         |
| centeredline   | A macro for centering lines                                                      | Burnol                           | 175         |
| centerlastline | Paragraphs with last line centered, known as “Spanish” paragraphs                | Frasson                          | 233         |
| centernot      | Centred \not command                                                             | Oberdiek                         | 393         |
| cep            | Compression tools for PostScript                                                 | Jackowski, Pianowski, Strzelczyk | 285         |
| cesenaexam     | A class file to typeset exams                                                    | Pacini                           | 404         |
| cfgguide       | Documentation of $\LaTeX$ configuration options                                  | $\LaTeX$ Team                    | 425         |
| cfr-initials   | LaTeX packages for use of initials                                               | Rees                             | 437         |
| cfr-lm         | Enhanced support for the Latin Modern fonts                                      | Rees                             | 437         |
| changebar      | Generate changebars in $\LaTeX$ documents                                        | Braams, Fine                     | 169         |
| changelayout   | Change the layout of individual pages and their text                             | Musa                             | 380         |
| changelog      | Typesetting keepachangelog.com style changelogs                                  | Turner                           | 530         |
| changepage     | Margin adjustment and detection of odd/even pages                                | Robertson, Wilson                | 445         |
| changes        | Manual change markup                                                             | Kleinod                          | 307         |
| chappg         | Page numbering by chapter                                                        | Fairbairns, Hailperin, Carlisle  | 221         |
| chapref        | Bibliography details per chapter                                                 | Knaggs                           | 308         |
| chapterbib     | Multiple bibliographies in a document                                            | Arseneau                         | 143         |
| chapterfolder  | Package for working with complicated folder structures                           | Mathieu                          | 359         |
| char2path      | A $\LaTeX$ package that converts characters into TikZ paths                      | Xia, Ding                        | 579         |
| CharisSIL      | CharisSIL fonts with support for all $\LaTeX$ engines                            | Tennent, SIL International       | 519         |
| charter        | Charter fonts                                                                    | Bitstream                        | 162         |
| chbar          | Change bar marks in Plain $\TeX$                                                 | Schrod                           | 469         |
| chbibref       | Change the Bibliography/References title                                         | Wilson                           | 572         |
| cheatsheet     | A simple cheatsheet class                                                        | Hinrichs                         | 273         |
| check-parens   | Check parentheses in $\LaTeX$                                                    | Eldering                         | 216         |
| check          | A syntax checker and tidier                                                      | Grothmann                        | 255         |
| checkcites     | Check citation commands in a document                                            | Cereda, Island of TeX, Gregorio  | 185         |
| checkend       | Extend “improperly closed environment” messages                                  | Bezos López                      | 341         |
| checklab       | A patch for the label-checking code                                              | Fairbairns, Carlisle             | 220         |
| checklistings  | Pass verbatim contents through a compiler and reincorporate the resulting output | Bourke                           | 168         |
| chem-journal   | Various BibTeX formats for journals in Chemistry                                 | Hill                             | 273         |
| chemarr        | Arrows for chemists                                                              | Oberdiek                         | 393         |
| chemarrow      | Arrows for use in chemistry                                                      | Schroeder                        | 471         |
| chembst        | A collection of BibTeX files for chemistry journals                              | Schenk                           | 463         |
| chemcompounds  | Simple consecutive numbering of chemical compounds                               | Schenk                           | 463         |

| <i>Package</i>     | <i>Caption</i>                                                                                                | <i>Author</i>         | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------------------------|-----------------------|-------------|
| chemcono           | Support for compound numbers in chemistry documents                                                           | Schulz                | 471         |
| chemexec           | Creating (chemical) exercise sheets                                                                           | Niederberger          | 386         |
| chemfig            | Draw molecules with easy syntax                                                                               | Tellechea             | 514         |
| chemformula-ru     | Using the chemformula package with babel-russian settings                                                     | Kuznetsov             | 325         |
| chemformula        | Command for typesetting chemical formulas and reactions                                                       | Niederberger          | 386         |
| chemgreek          | Upright Greek letters in chemistry                                                                            | Niederberger          | 386         |
| chemmacros         | A collection of macros to support typesetting chemistry documents                                             | Niederberger          | 386         |
| chemnum            | A method for numbering chemical compounds                                                                     | Niederberger          | 386         |
| chemobabel         | Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel                             | Yamashita             | 581         |
| chemplants         | Symbology to draw chemical plants with TikZ                                                                   | Arnese Feffin         | 223         |
| chemscheme         | Support for chemical schemes                                                                                  | Wright                | 577         |
| chemschemeX        | Typeset and cross-reference chemical schemes based on TikZ code                                               | Siegel                | 482         |
| chemsec            | Automated creation of numeric entity labels                                                                   | Finnerty              | 227         |
| chemstruct         | Structural organic chemistry                                                                                  | Ramek                 | 435         |
| chemstyle          | Writing chemistry with style                                                                                  | Wright                | 577         |
| chemsym            | Macros for typing chemical symbols                                                                            | Dahlgren              | 199         |
| chemtex            | Structural chemistry                                                                                          | Haas                  | 257         |
| chex               | Adobe chess font                                                                                              | Renner                | 440         |
| cherokee           | A font for the Cherokee script                                                                                | Stanier               | 492         |
| chess-problem-d... | A package for typesetting chess problem diagrams                                                              | Höning                | 277         |
| chess              | Fonts for typesetting chess boards                                                                            | Tutelaers             | 530         |
| chessboard         | Print chess boards                                                                                            | Fischer               | 227         |
| chessfss           | A package to handle chess fonts                                                                               | Fischer               | 227         |
| chessmin           | Minimal chess diagrams                                                                                        | Blair                 | 162         |
| chet               | LaTeX layout inspired by harvmac                                                                              | Stergiou              | 495         |
| chextras           | A companion package for the Swiss typesetter                                                                  | Oriet                 | 402         |
| chgbar             | Draw change bars in the margin                                                                                | Johnson               | 290         |
| chhaya             | Linguistic glossing in Marathi language                                                                       | Unknown               | 534         |
| chicago-annotate   | Chicago-based annotated BibTeX style                                                                          | Laakso                | 326         |
| chicago            | A “Chicago” bibliography style                                                                                | Glenn                 | 244         |
| chicagoa           | “Chicago” bibliography style with annotations                                                                 | Glenn                 | 244         |
| chicagolinks       | “Chicago” bibliography style that allows annotations                                                          | Bekker-Nielsen Dunbar | 211         |
| chickenize         | Use lua callbacks for “interesting” textual effects                                                           | Trautmann             | 527         |
| chifoot            | Chicago-style footnote formatting                                                                             | Miller                | 369         |
| childdoc           | Directly compile \include'd child documents                                                                   | Beisert               | 156         |
| china2e            | Font and macros for Chinese calendar                                                                          | Heyl                  | 272         |
| ChineseJFM         | Luatexja-jfm files for Chinese typesetting                                                                    | Unknown               | 534         |
| chinesechess       | Typeset Chinese chess with l3draw                                                                             | Geng                  | 240         |
| chitex             | A Chinese T <sub>E</sub> X system                                                                             | Chen                  | 187         |
| Chivo              | Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X                                               | Esbati                | 218         |
| chkfloat           | Warn whenever a float is placed “to far away”                                                                 | Hejda                 | 267         |
| chkhref            | Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X                                             | Lelong                | 335         |
| chktx              | Check for errors in L <sup>A</sup> T <sub>E</sub> X documents                                                 | Thielemann, Andrus    | 523         |
| chletter           | Class for typesetting letters to Swiss rules                                                                  | Oriet                 | 402         |
| chngcntr           | Change the resetting of counters                                                                              | Robertson, Wilson     | 445         |
| chngpage           | Change the page layout in the middle of a document                                                            | Robertson, Wilson     | 445         |
| chomsky            | Macros to typeset parsing trees                                                                               | Barr                  | 149         |
| chordbars          | Print chord grids for pop/jazz tunes                                                                          | Kramm                 | 319         |
| chordbox           | Draw chord diagrams                                                                                           | Franzen               | 233         |
| chroma             | Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours                                           | Kern                  | 297         |
| chronology         | Provides a horizontal timeline                                                                                | Wiseman, Armacost     | 575         |
| chronos            | TikZ-based package for drawing customisable timelines with support for colour schemes, styles and memoization | Rees                  | 437         |
| chronosys          | Drawing time-line diagrams                                                                                    | Long                  | 340         |

| <i>Package</i>     | <i>Caption</i>                                                             | <i>Author</i>                         | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------|---------------------------------------|-------------|
| chs-physics-report | Physics lab reports for Carmel High School                                 | Zhang                                 | 588         |
| chscite            | Bibliography style for Chalmers University of Technology                   | Sigurdhsson                           | 483         |
| churchslavonic     | Typeset documents in Church Slavonic language using Unicode                | Kroutikov                             | 321         |
| chuushaku          | Flexible book notes in Japanese                                            | Unknown                               | 534         |
| cidarticle         | A class for submissions to the “Commentarii informaticae didacticae” (CID) | Sievers                               | 482         |
| cinzel             | LaTeX support for Cinzel and Cinzel Decorative fonts                       | Tennent                               | 515         |
| circ               | Macros for typesetting circuit diagrams                                    | Law, Tille, Tannert                   | 331         |
| circle             | Maths mode circles for temporal logic                                      | Barthelmann                           | 150         |
| circledsteps       | Typeset circled numbers                                                    | Giannetti                             | 241         |
| circledtext        | Create circled text                                                        | Geng                                  | 240         |
| Circuit_macros     | M4 macros for electric circuit diagrams                                    | Aplevich                              | 141         |
| CircuitikZ         | Draw electrical networks with TikZ                                         | Redaelli, Lindner, Erhardt, Giannetti | 437         |
| circularglyphs     | A circular glyphs alphabet                                                 | Pierquet                              | 415         |
| cirth              | Fonts for Cirth                                                            | Habets, Grant                         | 257         |
| cistercian         | Display cistercian numerals                                                | Unknown                               | 534         |
| citation-style-... | Bibliography formatting with Citation Style Language                       | Lee                                   | 332         |
| cite-bundle        | Citation management bundle                                                 | Arseneau                              | 143         |
| cite               | Improved citation handling in $\LaTeX$                                     | Arseneau                              | 143         |
| citeall            | Cite all entries of a bbl created with BibLaTeX                            | Fischer                               | 227         |
| citeref            | Add reference-page-list to bibliography-items                              | Briel                                 | 171         |
| citeright          | Specify accurate natbib citations for diverse naming conventions           | Overfelt                              | 403         |
| citesidx           | Produce a citation list for the bibliography                               | Buchholz                              | 173         |
| CJ                 | BibTeX style for Computer Journal                                          | Gärtner                               | 239         |
| cje                | LaTeX document class for CJE articles                                      | Nesbitt                               | 383         |
| CJHebrew           | Typeset Hebrew with $\LaTeX$                                               | Justen                                | 292         |
| cjk-fonts          | Chinese/Japanese/Korean bitmap fonts                                       | Lemberg                               | 335         |
| cjk-gs-integrate   | Tools to integrate CJK fonts into Ghostscript                              | Preining                              | 424         |
| cjk-ko             | Extension of the CJK package for Korean typesetting                        | Kim                                   | 302         |
| cjk                | CJK language support                                                       | Lemberg                               | 335         |
| cjkpunct           | Adjust locations and kerning of CJK punctuation marks                      | Zhang, Sun, Lee                       | 589         |
| cjs-rcs-article    | Article class for The Canadian Journal of Statistics                       | Goulet                                | 248         |
| cjw                | A bundle of packages and classes                                           | Wynne                                 | 579         |
| clara              | A serif font family                                                        | Miller                                | 369         |
| classes            | The source of $\LaTeX$ ’s standard classes                                 | $\LaTeX$ Team                         | 425         |
| classico           | URW Classico fonts                                                         | Tennent                               | 515         |
| classics           | Cite classic works                                                         | Lourenço de Lima                      | 338         |
| ClassicThesis      | A “classically styled” thesis package                                      | Miede                                 | 368         |
| classif2           | Biological classification tables                                           | Shipunov                              | 480         |
| classlist          | Record classes used in a document                                          | Oberdiek                              | 393         |
| classpack          | XML mastering for $\LaTeX$ classes and packages                            | Flynn                                 | 230         |
| cleantesis         | A clean $\LaTeX$ style for thesis documents                                | Langner                               | 329         |
| clearsans          | Clear Sans fonts with $\LaTeX$ support                                     | Tennent                               | 515         |
| clefval            | Key/value support with a hash                                              | Henel                                 | 269         |
| cleveref-forward   | Forward-referencing functionality for cleveref                             | XU                                    | 580         |
| cleveref-usedon    | Adds forward-referencing functionality to the cleveref package             | Pistre                                | 421         |
| cleveref           | Intelligent cross-referencing                                              | Cubitt                                | 198         |
| clicks             | Slide Deck Animation                                                       | Bugayenko                             | 174         |
| clip               | A language-independent literate programming tool                           | Van Ammers, Kramer                    | 140         |
| clipboard          | Copy and paste into and across documents                                   | Lourenço de Lima                      | 338         |
| clistmap           | Map and iterate over $\LaTeX$ 3 clists                                     | Rogard                                | 449         |
| clock              | Graphical and textual clocks for $\TeX$ and $\LaTeX$                       | Corff                                 | 195         |
| clojure-pamphlet   | A simple literate programming tool based on clojure’s pamphlet system      | Lanchares                             | 328         |

| <i>Package</i>   | <i>Caption</i>                                                                         | <i>Author</i>                        | <i>Page</i> |
|------------------|----------------------------------------------------------------------------------------|--------------------------------------|-------------|
| closefrm         | Tidy up after reading a MetaPost file                                                  | Vieth                                | 552         |
| cloze            | A LuaLaTeX package for creating cloze texts                                            | Friedrich                            | 234         |
| clrdblpg         | Control pagestyle of pages left blank by \cleardoublepage                              | Goodman                              | 246         |
| clrscode         | Typesets pseudocode as in Introduction to Algorithms                                   | Cormen                               | 196         |
| clrscode3e       | Typesets pseudocode as in Introduction to Algorithms                                   | Cormen                               | 196         |
| clrstrip         | Place contents into a full width colour strip                                          | Spratte                              | 490         |
| clsguide         | Documentation of L <sup>A</sup> T <sub>E</sub> X class and package writing             | L <sup>A</sup> T <sub>E</sub> X Team | 425         |
| cluttex          | An automation tool for running L <sup>A</sup> T <sub>E</sub> X                         | Arata                                | 142         |
| cm-afm           | Adobe Font Metrics for the CM fonts                                                    | MacKay                               | 353         |
| cm-gf            | Generate GF format for CM                                                              | Ramsdell                             | 435         |
| cm-lgc           | Type 1 CM-based fonts for Latin, Greek and Cyrillic                                    | Kryukov                              | 322         |
| cm-mf-extra-bold | Extra Metafont files for CM                                                            | Kaspar, Sozuer                       | 295         |
| cm-mf-opt-kern   | Improve the kerning of CM fonts                                                        | Pilzecker                            | 420         |
| cm-mf            | Sources of the Computer Modern fonts                                                   | Knuth                                | 310         |
| cm-pk            | PK bitmaps of the Computer Modern fonts                                                | Knuth                                | 310         |
| cm-super         | CM-Super family of fonts                                                               | Volovich                             | 555         |
| cm-tfm           | Metric files for the Computer Modern fonts                                             | Knuth                                | 310         |
| cm-unicode       | Computer Modern Unicode font family                                                    | Panov, Lečić                         | 408         |
| cm               | Computer Modern fonts                                                                  | Knuth                                | 310         |
| cmactex          | TeX for the Macintosh                                                                  | Kiffe                                | 301         |
| cmap             | Make PDF files searchable and copyable                                                 | Volovich, Krüger                     | 555         |
| cmarrows         | MetaPost arrows and braces in the Computer Modern style                                | Ekola                                | 216         |
| cmastro          | Font for planetary symbols                                                             | Unknown                              | 534         |
| cmathbb          | Computer modern mathematical blackboard bold font                                      | Chao                                 | 185         |
| cmbright         | Computer Modern Bright fonts                                                           | Schmidt, Harcombe                    | 465         |
| cmcyr-patch      | A set of Type 1 Cyrillic fonts                                                         | Peregoudov                           | 413         |
| cmcyr            | Computer Modern fonts with cyrillic extensions                                         | Glonti, Samarin, Malyshev            | 244         |
| cmcyralt-fonts   | Russian fonts in “alternative” encoding                                                | Harin                                | 264         |
| cmcyralt-ltx     | LaTeX support for the cmcyralt fonts                                                   | Harin, Zhytnikov                     | 264         |
| cmdstring        | Get command name reliably                                                              | Noirel                               | 390         |
| cmdtrack         | Check used commands                                                                    | Downes                               | 208         |
| cmextra-latex    | Install macros for “standard” fonts not used by L <sup>A</sup> T <sub>E</sub> X itself | L <sup>A</sup> T <sub>E</sub> X Team | 425         |
| cmfrak           | Reencoded versions of Haralambous fraktur fonts                                        | Taupin                               | 513         |
| cmll             | Symbols for linear logic                                                               | Beffara                              | 156         |
| cmoefont         | Old English glyphs to go with Computer Modern                                          | Bradfield                            | 169         |
| cmolddig         | Virtual fount setup for using old style digits                                         | McDonnell                            | 363         |
| cmoutlines       | Outline versions of the Computer Modern fonts                                          | Henderson, Hosek                     | 269         |
| cmpica           | A Computer Modern Pica variant                                                         | Hosek                                | 278         |
| cmpj             | Style for the journal Condensed Matter Physics                                         | Shvaika                              | 481         |
| cms4talks        | Content Management System for Talks                                                    | Nebendahl                            | 383         |
| cmsd             | Interfaces to the CM Sans Serif Bold fonts                                             | Schmidt, Harcombe                    | 465         |
| cmslup           | Upright punctuation with CM slanted                                                    | Znamenskii, Veytsman                 | 591         |
| cmsrb            | Computer Modern for Serbian and Macedonian                                             | Stefanović                           | 493         |
| cmtest           | CM fonts test sources                                                                  | Knuth                                | 310         |
| cmtiup           | Upright punctuation with CM italic                                                     | Znamenskii, Veytsman                 | 591         |
| cmtt             | A package for handling the cmtt font better                                            | Wooding                              | 576         |
| CM Type3         | Type 3 outline versions of the CM fonts                                                | Toal                                 | 525         |
| cmupint          | Upright integral symbols for Computer Modern                                           | Stefanović                           | 493         |
| cmyk-hax         | A T <sub>E</sub> X macro package for colour manipulation (using PostScript)            | BOP                                  | 165         |
| cnbwp            | Typeset working papers of the Czech National Bank                                      | Wagner                               | 563         |
| cnltx            | LaTeX tools and documenting facilities                                                 | Niederberger                         | 386         |
| cnoweb           | Simple “quality” printing of C sources                                                 | Fox                                  | 232         |
| cntdwn           | Support for countdowns, and for clocks in any timezone                                 | Story                                | 497         |
| cntformats       | A different way to read counters                                                       | Niederberger                         | 386         |
| cntperchap       | Store counter values per chapter                                                       | Hupfer                               | 281         |

| <i>Package</i>     | <i>Caption</i>                                                                     | <i>Author</i>           | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------|-------------------------|-------------|
| cochineal          | Cochineal fonts with $\LaTeX$ support                                              | Sharpe                  | 477         |
| code               | Typeset “code” in verbatim                                                         | Ferguson                | 224         |
| code128            | Barcode macros for the Code 128 standard                                           | Olšák                   | 401         |
| codeanatomy        | Typeset code with annotations                                                      | Bùi                     | 175         |
| codebox            | Highlighted source code in a fancy box                                             | Geng                    | 240         |
| codedescribe       | $\LaTeX$ code description and documentation                                        | Frigeri                 | 235         |
| codedoc            | $\LaTeX$ code and documentation in $\LaTeX$ -format file                           | Isambert, Robbers       | 283         |
| codehigh           | Highlight code and demos with $\text{\texttt{l3regex}}$ and $\text{\texttt{lpeg}}$ | Lyu                     | 352         |
| codepage           | Support for variant code pages                                                     | Aubord                  | 146         |
| codesection        | Provides an environment that may be conditionally included                         | Pospiech                | 423         |
| codicefiscaleit... | Test the consistency of the Italian personal Fiscal Code                           | Beccari                 | 153         |
| coelacanth         | Coelacanth fonts with $\LaTeX$ support                                             | Tennent                 | 515         |
| coffeestains       | Add coffee stains to documents                                                     | Bideault                | 161         |
| CollArgs           | Collect arguments of any command                                                   | Živanović               | 591         |
| collcell           | Collect contents of a tabular cell as argument to a macro                          | Scharrer                | 461         |
| collect            | Collect text for later re-use                                                      | Sauer                   | 460         |
| collectbox         | Collect and process macro arguments as boxes                                       | Scharrer                | 461         |
| collref            | Collect blocks of references into a single reference                               | Beisert                 | 157         |
| colonequals        | Colon equals symbols                                                               | Oberdiek                | 393         |
| colophon           | Provides commands for producing a colophon                                         | Goodman                 | 246         |
| color-edits        | Colorful edits for multiple authors of a shared document                           | Kempe                   | 297         |
| color              | Colour control for $\LaTeX$ documents                                              | Carlisle, $\LaTeX$ Team | 182         |
| colorblind         | Easy colorblind-safe typesetting                                                   | Pfahler                 | 414         |
| colordoc           | Coloured syntax highlights in documentation                                        | Garcia-De Castro        | 184         |
| colordvi           | Simple colour use in Plain $\TeX$                                                  | Hafner, Rokicki         | 258         |
| coloredbelts       | Insert colored belts in documents (to present skills, for example)                 | Pierquet                | 415         |
| coloredtheorem     | A colourful boxed theorem environment                                              | Lourenço                | 346         |
| coloremoji         | Style package for directly including color emojis in $\LaTeX$ documents            | Jacobson                | 286         |
| colorframed        | Fix color problems with the package “framed”                                       | Burnol                  | 175         |
| colorinfo          | Retrieve colour model and values for defined colours                               | Niepraschk              | 388         |
| coloring           | Define missing colors by their names                                               | Hu                      | 280         |
| colorist           | Write your articles or books in a colorful way                                     | XU                      | 580         |
| colorprofiles      | Collection of free ICC profiles                                                    | Preining                | 424         |
| colors             | Simple colour-selection commands                                                   | Knight                  | 309         |
| colorsep           | Color separation                                                                   | Rahtz                   | 433         |
| colorspace         | Provides PDF color spaces                                                          | Bezos López             | 341         |
| colortab           | Shade cells of tables and halign                                                   | Van Zandt, Voß          | 587         |
| colortbl           | Add colour to $\LaTeX$ tables                                                      | Carlisle                | 180         |
| colortex           | Colour facilities for use with $\TeX$                                              | Cérin                   | 185         |
| colorwav           | Colours by wavelength of visible light                                             | Setzer                  | 476         |
| colorweb           | Extend the color package colour space                                              | Beach                   | 152         |
| colourchange       | Colourchange                                                                       | Bradley                 | 169         |
| combelow           | Typeset “comma-below” letters, as in Romanian                                      | Pignalberi              | 420         |
| combine            | Bundle individual documents into a single document                                 | Robertson, Wilson       | 446         |
| combinedgraphics   | Include graphic (EPS or PDF)/ $\LaTeX$ combinations                                | Schneider               | 467         |
| combofont          | Add NFSS-declarations of combo fonts to Lua $\LaTeX$ documents                     | Fischer                 | 227         |
| comfortaa          | Sans serif font, with $\LaTeX$ support                                             | El Morabity, Aakerlund  | 374         |
| comicneue          | Use Comic Neue with $\TeX$ -(alike) systems                                        | Hofstra                 | 275         |
| comicsans          | Use Microsoft Comic Sans font                                                      | Pakin                   | 405         |
| comma              | Formats a number by inserting commas                                               | Carlisle                | 180         |
| commado            | Expandable iteration on comma-separated and filename lists                         | Lück                    | 346         |
| commalists-tools   | Manipulate numeral comma separated lists                                           | Pierquet                | 415         |
| commath            | Mathematics typesetting support                                                    | Putschögl               | 431         |
| commedit           | Commented editions with $\LaTeX$                                                   | Veytsman                | 549         |
| comment-pln        | Comment macros for use in Plain $\TeX$                                             | Alexander               | 139         |



| <i>Package</i>     | <i>Caption</i>                                                    | <i>Author</i>                   | <i>Page</i> |
|--------------------|-------------------------------------------------------------------|---------------------------------|-------------|
| comment            | Selectively include/exclude portions of text                      | Eijkhout                        | 215         |
| comment_io         | A Python script to comment and uncomment lines                    | Larsson                         | 329         |
| committee-font     | A font designed by a committee                                    | Unknown                         | 534         |
| commonunicode      | Convert common unicode symbols to $\LaTeX$ code                   | Pizarro R.                      | 431         |
| commutative-dia... | CoDi: Commutative Diagrams for $\TeX$                             | Brasolin                        | 169         |
| comp-fonts-FAQ     | Frequently Asked Questions from comp.fonts                        | Walsh                           | 564         |
| compact-symbols    | Compact lists of symbols                                          | Sermutlu                        | 476         |
| compactbib         | Multiple thebibliography environments                             | Lejay                           | 334         |
| compare            | Compare two strings                                               | McManus                         | 364         |
| competences        | Track skills of classroom checks                                  | Bares                           | 149         |
| complexity         | Computational complexity class names                              | Bourke                          | 168         |
| complexpolylongdiv | Typesetting (complex) polynomial long division                    | Khalighi                        | 298         |
| components         | Components of $\TeX$                                              | Schrod                          | 469         |
| The Comprehensi... | Symbols accessible from $\LaTeX$                                  | Pakin                           | 406         |
| compsci            | Document (LaTeX) programming with $\LaTeX$                        | Swift                           | 502         |
| computational-c... | Class for the journal Computational Complexity                    | Nüsken                          | 392         |
| computer-typese... | Content of the book Computer Typesetting Using $\LaTeX$           | Baldin                          | 148         |
| concepts           | Keeping track of formal 'concepts' for a particular field         | Helvensteijn                    | 268         |
| concmath-fonts     | Concrete mathematics fonts                                        | Vieth                           | 552         |
| concmath-otf       | Concrete based OpenType Math font                                 | Flipo                           | 228         |
| concmath           | Concrete Math fonts                                               | Vieth                           | 552         |
| concprog           | Concert programmes                                                | Brodnik                         | 171         |
| concrete-macros    | Consistent text and maths using concrete fonts                    | Hefferon                        | 266         |
| concrete           | Concrete Roman fonts                                              | Knuth                           | 310         |
| CondiTeXt          | Define and manage conditional content                             | Brabant                         | 169         |
| confproc           | A set of tools for generating conference proceedings              | Verfaille                       | 547         |
| consdiag           | A utility for OO programming documentation                        | Algaba                          | 139         |
| constants          | Automatic numbering of constants                                  | Lejay                           | 334         |
| conreq             | Typeset multiline continued equalities                            | Breitner                        | 170         |
| context-account    | A simple accounting package                                       | Schuster                        | 472         |
| context-algorit... | Algorithm handling in ConTeXt                                     | Schuster                        | 472         |
| context-animation  | Generate fieldstack based animation with ConTeXt                  | Schuster                        | 472         |
| context-annotation | Annotate text blocks                                              | Schuster                        | 472         |
| context-bnf        | A BNF module for ConTeXt                                          | Weibull                         | 567         |
| context-calenda... | Collection of calendars based on the PocketDiary-module           | Egger                           | 214         |
| context-chromato   | ConTeXt macros for chromatograms                                  | Münster                         | 379         |
| context-cmscbf     | Use Computer Modern bold Caps and Small-caps in ConTeXt           | Münster                         | 379         |
| ConTeXt-cmttbf     | Use Computer Modern Typewriter bold font in ConTeXt               | Münster                         | 379         |
| context-collati... | Environment to place collating marks on the spine of a section    | Egger                           | 214         |
| context-constru... | Construction plans in ConTeXt                                     | Münster                         | 379         |
| context-cyrilli... | Write numbers as cyrillic glyphs                                  | Gesang                          | 240         |
| context-degrade    | Degrading JPEG images in ConTeXt                                  | Münster                         | 379         |
| context-fancybreak | Overfull pages with ConTeXt                                       | Schuster                        | 472         |
| context-filter     | Run external programs on the contents of a start-stop environment | Mahajan                         | 355         |
| context-fixme      | Make editorial marks on a document                                | Schuster                        | 472         |
| context-french     | Support for writing French in ConTeXt                             | Münster                         | 379         |
| context-fullpage   | Overfull pages with ConTeXt                                       | Schuster                        | 472         |
| context-games      | Create static and interactive versions of board games             | Schuster                        | 472         |
| context-gantt      | GANTT module for ConTeXt                                          | Reviczky, Mahajan               | 441         |
| ConTeXt-gnuplot    | Inclusion of Gnuplot graphs in ConTeXt                            | Miklavec, Hagen, Hoekwa-<br>ter | 368         |
| context-handlecsv  | Data merging for automatic document creation                      | Hajtmar, Rodríguez              | 260         |
| context-inifile    | An ini-file pretty-printer, using ConTeXt                         | Münster                         | 380         |
| context-interva... | Date driven lists or lists driven by date-intervals               | Egger                           | 214         |
| context-layout     | Show ConTeXt layouts                                              | Gundlach                        | 256         |



| <i>Package</i>     | <i>Caption</i>                                                                                     | <i>Author</i>                        | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|-------------|
| context-letter     | ConTeXt package for writing letters                                                                | Schuster                             | 472         |
| context-lettrine   | A ConTeXt implementation of lettrines                                                              | Hoekwater, Flipo                     | 274         |
| context-lilypond   | Lilypond code in ConTeXt                                                                           | Creutzig                             | 197         |
| context-mathsets   | Set notation in ConTeXt                                                                            | Mahajan                              | 355         |
| context-notes-z... | A ConTeXt LMTX introduction for Chinese users                                                      | Li                                   | 337         |
| context-pocketd... | A personal organiser                                                                               | Egger                                | 214         |
| context-rst        | Process reStructuredText with ConTeXt                                                              | Gesang                               | 240         |
| context-ruby       | Ruby annotations in ConTeXt                                                                        | Schuster                             | 472         |
| context-sgf        | A Go system in ConTeXt                                                                             | Chen, Schuster                       | 187         |
| context-simplef... | Simplified font usage for ConTeXt                                                                  | Schuster                             | 472         |
| context-simples... | A module for preparing presentations                                                               | Mahajan, Schmitz, Ramm               | 355         |
| context-squares    | Typesetting Magic and Latin squares                                                                | del Rio                              | 442         |
| context-sudoku     | Sudokus for ConTeXt                                                                                | del Rio                              | 442         |
| context-taspresent | Simple presentations using ConTeXt                                                                 | Schmitz                              | 467         |
| context-title      | Place document titles                                                                              | Schuster                             | 472         |
| context-top-ten    | The “top ten” ConTeXt commands                                                                     | Corsair                              | 196         |
| context-transli... | Transliterate text from ‘other’ alphabets                                                          | Gesang                               | 241         |
| context-typearea   | Something like Koma-Script typearea                                                                | Münster                              | 380         |
| context-typescr... | Small modules to load various fonts for use in ConTeXt                                             | Schuster                             | 472         |
| context-URWGara... | ConTeXt support for URW Garamond font                                                              | Münster                              | 380         |
| context-URWGothic  | ConTeXt support for URW Gothic                                                                     | Hoekwater                            | 274         |
| context-vim        | Generate ConTeXt syntax highlighting code from vim                                                 | Mahajan, Miklavec                    | 355         |
| context-visualc... | Visual display of ConTeXt counters                                                                 | Mahajan                              | 355         |
| context            | The ConTeXt macro package                                                                          | Hagen                                | 258         |
| continue           | Prints ‘continuation’ marks on pages of multipage documents                                        | Wilson, Robertson                    | 574         |
| contour            | Print a coloured contour around text                                                               | Harders, Høgholm                     | 264         |
| contracard         | Generate calling cards for dances                                                                  | Whited                               | 569         |
| contract           | Typeset formalized legal documents such as contracts, statutes, etc.                               | Kohm, Willand                        | 317         |
| conv-xkv           | Create new key-value syntax                                                                        | Story                                | 497         |
| convbkmk           | Correct platex/uplatex bookmarks in PDF created with hyperref                                      | Tanaka                               | 512         |
| convert-jpfonts    | Convert half-width Japanese to full-width beautifully                                              | Unknown                              | 534         |
| convert            | Generate Knuthian encoding for text files                                                          | Raichle                              | 434         |
| cooking-units      | Typeset and convert units for cookery books and recipes                                            | Vitecek                              | 553         |
| cooking            | Typeset recipes                                                                                    | Reichert                             | 439         |
| cookingsymbols     | Symbols for recipes                                                                                | Harder                               | 262         |
| cookybooky         | A $\LaTeX$ based package to easily typeset some professional looking cooking recipes               | Gilg                                 | 243         |
| cool               | Content-Oriented $\LaTeX$                                                                          | Setzer                               | 476         |
| coolfn             | Typeset long legal footnotes                                                                       | Granet                               | 250         |
| coollist           | Manipulate Content Oriented $\LaTeX$ Lists                                                         | Setzer                               | 476         |
| coolstr            | String manipulation in $\LaTeX$                                                                    | Setzer                               | 476         |
| coolthms           | Reference items in a theorem environment                                                           | Fütterer, Zachhuber                  | 237         |
| cooltooltips       | Associate a pop-up window and tooltip with PDF hyperlinks                                          | Pakin                                | 405         |
| coop-writing       | Support for Cooperative Writing and editorial comments                                             | Xexéo                                | 579         |
| cooperhewitt       | LaTeX, pdfLaTeX, Xe $\LaTeX$ and LuaLaTeX support for the Cooper Hewitt family of sans serif fonts | Tennent                              | 515         |
| coordsys           | Draw cartesian coordinate systems                                                                  | Hansen                               | 261         |
| copac-clean        | Automatic editing of Copac/BibTeX records                                                          | Milanese                             | 368         |
| coptic             | Coptic Fonts                                                                                       | Rosmorduc                            | 452         |
| copyedit           | Copyediting support for $\LaTeX$ documents                                                         | Radhakrishnan, Rajagopal, Venkatesan | 432         |
| copypaste          | Copy and paste into and across documents                                                           | Lourenço de Lima                     | 338         |
| copyrightbox       | Provide copyright notices for images in a document                                                 | van der Flaas                        | 228         |
| cora-macs          | Macros for continuous sets and neural networks in the context of cyber-physical systems            | Ladner, Koller                       | 327         |

| <i>Package</i>    | <i>Caption</i>                                                                     | <i>Author</i>                             | <i>Page</i> |
|-------------------|------------------------------------------------------------------------------------|-------------------------------------------|-------------|
| corelfonts        | An installation script for Corel Ventura fonts                                     | McClelland                                | 363         |
| corelpak-contrib  | Manage Corel-distributed fonts                                                     | Tinnefeld                                 | 524         |
| corelpak          | Metrics, etc., for fonts distributed with Corel products                           | Woch                                      | 575         |
| CormorantGaramond | Cormorant Garamond family of fonts                                                 | Tennent                                   | 515         |
| correctmathalign  | Correct spacing of the alignment in expressions                                    | Kieda                                     | 300         |
| corrects          | Macros for marking correction sheets                                               | Piff, Fairbairns, Carlisle                | 419         |
| corridx-latex     | Correct index entries for chemical compounds                                       | Fink                                      | 226         |
| corridx-obsolete  | Add index entries to $\LaTeX$ document                                             | Fink                                      | 226         |
| coseoul           | Context sensitive outline elements                                                 | Teubner                                   | 519         |
| couleurs-fr       | French version of colour definitions from xcolor                                   | Pierquet                                  | 415         |
| count1to          | Make use of count1 to count9                                                       | Schröder, Peischl                         | 470         |
| counterz          | Additional tools for counters                                                      | McClain                                   | 363         |
| countrisofoeurope | A font with the images of the countries of Europe                                  | Zimmermann, Voß,<br>Niepraschk            | 590         |
| counttexruns      | Count compilations of a document                                                   | Schneider                                 | 468         |
| courier scaled    | Provides a scaled Courier font                                                     | Schulz                                    | 471         |
| Courier           | Adobe Type 1 “free” copies of Courier                                              | IBM Corporation                           | 282         |
| couriertn         | Courier 10 Pitch BT with $\LaTeX$ support                                          | Miller                                    | 369         |
| courseoutline     | Prepare university course outlines                                                 | Gall                                      | 238         |
| coursepaper       | Prepare university course papers                                                   | Gall                                      | 238         |
| coverpage         | Automatic cover page creation for scientific papers                                | Kopp, Mühlich                             | 318         |
| covfonts          | Make Apostrophic Laboratories’s Covington fonts available to $\TeX$ and $\LaTeX$   | Pakin                                     | 405         |
| covington         | LaTeX macros for Linguistics                                                       | Spitzmüller, Covington,<br>Fairbairns     | 489         |
| cprog             | Typeset C programs                                                                 | McManus                                   | 364         |
| cprotect          | Allow verbatim, etc., in macro arguments                                           | Le Floch                                  | 229         |
| cprotectinside    | Use cprotect arbitrarily nested                                                    | user202729                                | 543         |
| cpssp             | Draw protein secondary structures                                                  | Esser-Skala                               | 219         |
| cptex             | Use different code pages for $\TeX$ input                                          | Krämer                                    | 319         |
| CQUBeamer         | LaTeX Beamer Template for Chongqing University                                     | Wan                                       | 565         |
| CQUThesis         | LaTeX Thesis Template for Chongqing University                                     | Zhennan                                   | 590         |
| crbox             | Boxes with crossed corners                                                         | Khalighi, bidi-tex GitHub<br>Organisation | 298         |
| create-struktex   | Create struktex code                                                               | Lenser                                    | 336         |
| create-theorem    | Initializing and configuring theorem-like environments, with multi-lingual support | XU                                        | 580         |
| CreationBoites    | Macros to create simple tcolorbox with some customizations                         | Pierquet                                  | 415         |
| crefthe           | Cross referencing with proper definite articles and declensions                    | XU                                        | 580         |
| crimson           | Crimson fonts with $\LaTeX$ support                                                | Tennent                                   | 516         |
| CrimsonPro        | CrimsonPro fonts with $\LaTeX$ support                                             | Tennent                                   | 516         |
| croatian          | Fonts for Croatian Glagolitic and other Croatian scripts                           | Žubrinić                                  | 592         |
| crop              | Support for cropmarks                                                              | Franz, Thomas                             | 233         |
| cropmark-pu       | Cropmark macros for Plain $\TeX$                                                   | Ungar                                     | 532         |
| cropmark          | Crop marks on $\backslash shipout$                                                 | Eijkhout                                  | 215         |
| cropmarks-pt      | Philip Taylor’s cropmarks macros                                                   | Taylor                                    | 513         |
| cropmrks          | Add crop marks to a Plain $\TeX$ document                                          | Taylor                                    | 513         |
| crossrefenum      | Smart typesetting of enumerated cross-references for various $\TeX$ formats        | Dumont                                    | 211         |
| crossreference    | Crossreferences within documents                                                   | Filby                                     | 225         |
| crossreftools     | Expandable extraction of cleveref data                                             | Hupfer                                    | 281         |
| crossrefware      | Scripts for working with crossref.org                                              | Veytsman                                  | 549         |
| crosstex          | Bibliography management tool                                                       | Burgess, Sirer                            | 175         |
| crossword         | Typeset crossword puzzles                                                          | Neugebauer                                | 383         |
| crosswrđ          | Macros for typesetting crossword puzzles                                           | Hamilton Kelly, Mittelbach                | 297         |

| <i>Package</i>   | <i>Caption</i>                                                                                | <i>Author</i>                                                      | <i>Page</i> |
|------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------|
| crudetype        | Line printer output from DVI files                                                            | Damerell                                                           | 200         |
| crumbs           | Add a Navigation Path to the page header                                                      | Bugayenko                                                          | 174         |
| crw              | Crossword macros for Plain $\TeX$                                                             | van der Laan                                                       | 326         |
| cryptocode       | Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography | Mittelbach                                                         | 371         |
| cryst            | Font for graphical symbols used in crystallography                                            | Müller                                                             | 377         |
| cs-techrep       | Technical Reports in Computer Science and Software Engineering                                | Neumann                                                            | 385         |
| csassignments    | A wrapper for article with macros and customizations for computer science assignments         | Bartolomey                                                         | 150         |
| csbulletin       | LaTeX class for articles submitted to the CSTUG Bulletin (Zpravodaj)                          | Starý Novotný, Wagner                                              | 391         |
| csfonts-t1       | Czech/Slovak tuned CM fonts in Type 1 format                                                  | Olšák                                                              | 401         |
| csfonts          | Czech/Slovak-tuned Computer Modern fonts                                                      | Novak, Horák, Lhotka, Olšák                                        | 391         |
| csindex          | Czech/Slovak version of MakeIndex                                                             | Plášil, Salvat, Wagner                                             | 421         |
| cslatex          | LaTeX support for Czech/Slovak typesetting                                                    | Zlatuška, Wagner, Snajdr                                           | 591         |
| csname-doc       | A list of plain.tex cs names                                                                  | Unknown                                                            | 534         |
| csplain          | Plain $\TeX$ multilanguage support                                                            | Olšák                                                              | 401         |
| cspsfonts        | Czech/Slovakian PostScript font support                                                       | Olšák, Wagner                                                      | 401         |
| csquotes-de      | German translation of csquotes documentation                                                  | Conrad, Faßbender, Römer                                           | 195         |
| csquotes         | Context sensitive quotation facilities                                                        | Lehman, Wright                                                     | 333         |
| css-colors       | Named colors for web-safe design                                                              | Buxbaum                                                            | 178         |
| CSTeX            | Support for Czech/Slovak languages                                                            | Olšák                                                              | 401         |
| csthm            | Customized theorem environments for computer science documents                                | Datta                                                              | 201         |
| cstypo           | Czech typography rules enforced through LuaTeX hooks                                          | Haisman                                                            | 259         |
| csv2latex        | Convert spreadsheet table cells into $\LaTeX$ source                                          | Munn, Counsell                                                     | 379         |
| csvmerge         | Merge $\TeX$ code with csv data                                                               | Taylor                                                             | 513         |
| csvsimple        | Simple CSV file processing                                                                    | Sturm                                                              | 501         |
| csvtolatex       | Link spread sheets to $\LaTeX$                                                                | Pietsch                                                            | 419         |
| csvtools         | Reading data from CSV files                                                                   | Talbot                                                             | 506         |
| csx              | Computer Sanskrit(/Extended) coding support on MS-DOS                                         | Wujastyk, Friedlander                                              | 578         |
| ctable           | Flexible typesetting of table and figure floats using key/value directives                    | Dekker                                                             | 202         |
| ctablestack      | Catcode table stable support                                                                  | $\LaTeX$ Team                                                      | 425         |
| ctan-bibdata     | Bibliography data for all CTAN packages                                                       | Voß                                                                | 556         |
| ctan-o-mat       | Upload or validate a package for CTAN                                                         | Neugebauer                                                         | 383         |
| ctan_chk         | CTAN guidelines verifier and corrector for uploading projects                                 | Bone                                                               | 164         |
| ctanbib          | Export CTAN entries to bib format                                                             | Hoftich                                                            | 275         |
| ctanify          | Prepare a package for upload to CTAN                                                          | Pakin                                                              | 405         |
| CTAN tools       | A jiffy to search CTAN file list                                                              | Huynh                                                              | 282         |
| ctanupload       | Support for users uploading to CTAN                                                           | Scharrer                                                           | 461         |
| ctex-faq         | LaTeX FAQ by the Chinese $\TeX$ Society (ctex.org)                                            | Wu                                                                 | 578         |
| ctex             | LaTeX classes and packages for Chinese typesetting                                            | Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen | 332         |
| ctib4tex         | Tibetan for $\TeX$ and $\LaTeX$ 2e                                                            | Corff                                                              | 195         |
| ctie             | C version of tie (merging Web change files)                                                   | Gilbey                                                             | 242         |
| cuisine          | Typeset recipes                                                                               | Cohen                                                              | 193         |
| culmus           | Hebrew fonts from the Culmus project                                                          | Fogiel                                                             | 231         |
| cun              | A cuneiform font                                                                              | Grant                                                              | 251         |
| cuprum           | Cuprum font family support for $\LaTeX$                                                       | Roncaglia                                                          | 451         |
| currency         | Format currencies in a consistent way                                                         | Lejay                                                              | 334         |
| currfile         | Provide file name and path of input files                                                     | Scharrer                                                           | 461         |
| curriculum-vitae | Lightweight class for CVs                                                                     | Prasad                                                             | 424         |
| currvita         | Typeset a curriculum vitae                                                                    | Reichert                                                           | 439         |
| cursolatex       | A $\LaTeX$ tutorial                                                                           | Campani                                                            | 179         |

| <i>Package</i>     | <i>Caption</i>                                                            | <i>Author</i>                    | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------|----------------------------------|-------------|
| cursor             | Draw a cursor in an equation                                              | Spit                             | 489         |
| CurVe              | A class for making curriculum vitae                                       | Verna                            | 548         |
| curve2e            | Extensions for package pict2e                                             | Beccari                          | 153         |
| curves             | Curves for $\LaTeX$ picture environment                                   | MacLaine-Cross                   | 354         |
| custom-bib         | Customised BibTeX styles                                                  | Daly                             | 199         |
| customdice         | Simple commands for drawing customisable dice                             | Rowlett                          | 454         |
| customenvs         | Custom environments (MCQ, list with picked items, ...)                    | Pierquet                         | 415         |
| cuted              | Mixing onecolumn and twocolumn modes                                      | Tolušis                          | 526         |
| cutwin             | Cut a window in a paragraph, typeset material in it                       | Wilson, Hoenig, Carlisle         | 574         |
| cv                 | A package for creating a curriculum vitae                                 | Maier                            | 355         |
| cv4tw              | LaTeX CV class, with extended details                                     | Gouez                            | 248         |
| cvss               | Compute and display CVSS base scores                                      | Vivegnis                         | 554         |
| CVsty              | Yet another style for easy CV pagination                                  | Pereira                          | 413         |
| cweb-latex         | A $\LaTeX$ version of CWEB                                                | Schrod                           | 469         |
| cweb               | A Web system in C                                                         | Knuth, Scherer, Levy             | 312         |
| cwebbin            | CWEB for ANSI-C/C++ compilers                                             | Scherer                          | 464         |
| cweb-hy            | Insert hyperlinks for included files                                      | Melendez                         | 366         |
| cwebx              | A system for Structured Software Documentation in C                       | van Leeuwen                      | 333         |
| cyber              | Annotate compliance with cybersecurity requirements                       | Jennings                         | 288         |
| cybercic           | “Controls in Contents” for the cyber package                              | Jennings                         | 288         |
| cyklop             | The Cyclop typeface                                                       | Nowacki                          | 391         |
| cyriot             | A script which was used on Cyprus for writing Greek                       | Wilson                           | 572         |
| cyriote            | A font for ancient Cyriot Greek inscriptions                              | Stanier                          | 492         |
| cyrguide           | Documentation of $\LaTeX$ Cyrillic-alphabet features                      | Volovich, Lemberg, $\LaTeX$ Team | 555         |
| cyrillic-modern    | Slightly modified computer modern fonts with Cyrillics                    | Panov                            | 408         |
| cyrillic209        | Provides basic $\LaTeX$ 2.09 font access to the Washington cyrillic fonts | Karney                           | 294         |
| cyrmemo            | Details of using the AMS Cyrillic fonts                                   | Beeton                           | 156         |
| cyrtug             | EmTeX as distributed by CyrTUG                                            | Goossens                         | 247         |
| czhyph             | Hyphenation patterns for Czech                                            | Unknown                          | 534         |
| czhyph2e           | Convert Czech hyphenation patterns to standard encoding                   | Lemberg                          | 335         |
| <b>DDDDD</b>       |                                                                           |                                  |             |
| dad                | Simple typesetting system for mixed Arabic/Latin documents                | Haralambous                      | 261         |
| dancers            | Font for Conan Doyle’s “The Dancing Men”                                  | Stanier                          | 492         |
| dante-book-reviews | Book reviews published in DANTE’s journal                                 | Faulhammer                       | 223         |
| dantelogo          | A font for DANTE’s logo                                                   | Voß, Höppner                     | 561         |
| darkmode           | General Dark Mode Support for $\LaTeX$ -Documents                         | Deisenroth                       | 202         |
| dashbox            | Draw dashed boxes                                                         | Thomas                           | 523         |
| dashrule           | Draw dashed rules                                                         | Pakin                            | 405         |
| dashrulex          | Draw dashed rules                                                         | Yi                               | 585         |
| dashundergaps      | Produce gaps that are underlined, dotted or dashed                        | Mittelbach, Merciadri            | 372         |
| dateref            | Manage references to experimental data                                    | Dietrich                         | 205         |
| datatool-english   | English language support for datatool.sty v3.0+                           | Talbot                           | 506         |
| datatool-regions   | Region (numeric) support for datatool v3.0+                               | Talbot                           | 506         |
| datatool           | Tools to load and manipulate data                                         | Talbot                           | 506         |
| datatooltk         | A Java GUI for preparing datatool input                                   | Talbot                           | 507         |
| datax              | Import individual data from script files                                  | Gustavsson                       | 257         |
| dateiliste         | Extensions of the \listfiles concept                                      | Ebermann                         | 212         |
| datenumber         | Convert a date into a number and vice versa                               | Schröder                         | 470         |
| datepicker-pro     | Create a popup datepicker using SWF                                       | Story                            | 497         |
| dates              | Macros for parsing date strings                                           | Bennett                          | 159         |
| dates209           | Flexible date macros                                                      | Clark                            | 192         |
| datestamp          | Fixed date-stamps with LuaLaTeX                                           | Unknown                          | 534         |
| datetime           | Change format of \today with commands for current time                    | Talbot                           | 507         |
| datetime2-bahasai  | Bahasai language module for the datetime2 package                         | Talbot                           | 507         |

| <i>Package</i>     | <i>Caption</i>                                                              | <i>Author</i>                                  | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------|------------------------------------------------|-------------|
| datetime2-basque   | Basque language module for the datetime2 package                            | Talbot, Izaola                                 | 511         |
| datetime2-breton   | Breton language module for the datetime2 package                            | Talbot                                         | 507         |
| datetime2-bulga... | Bulgarian language module for the datetime2 package                         | Talbot                                         | 507         |
| datetime2-catalan  | Catalan language module for the datetime2 package                           | Talbot                                         | 507         |
| datetime2-croatian | Croatian language module for the datetime2 package                          | Talbot, Kokan                                  | 511         |
| datetime2-czech    | Czech language module for the datetime2 package                             | Talbot                                         | 507         |
| datetime2-danish   | Danish language module for the datetime2 package                            | Talbot                                         | 507         |
| datetime2-dutch    | Dutch language module for the datetime2 package                             | Talbot                                         | 507         |
| datetime2-en-fu... | English Full Text styles for the datetime2 package                          | Talbot                                         | 507         |
| datetime2-english  | English language module for the datetime2 package                           | Talbot                                         | 507         |
| datetime2-esper... | Esperanto language module for the datetime2 package                         | Talbot                                         | 507         |
| datetime2-estonian | Estonian language module for the datetime2 package                          | Talbot                                         | 507         |
| datetime2-finnish  | Finnish language module for the datetime2 package                           | Välimäki, Talbot                               | 545         |
| datetime2-french   | French language module for the datetime2 package                            | Talbot, Patience                               | 511         |
| datetime2-galician | Galician language module for the datetime2 package                          | Talbot                                         | 507         |
| datetime2-german   | German language module for the datetime2 package                            | Talbot, Friedl                                 | 511         |
| datetime2-greek    | Greek language module for the datetime2 package                             | Talbot                                         | 507         |
| datetime2-hebrew   | Hebrew language module for the datetime2 package                            | Talbot                                         | 507         |
| datetime2-icela... | Icelandic language module for the datetime2 package                         | Talbot                                         | 508         |
| datetime2-irish    | Irish Gaelic Language Module for the datetime2 Package                      | Talbot                                         | 508         |
| datetime2-it-fu... | Italian full text styles for the datetime2 package                          | Duchi                                          | 210         |
| datetime2-italian  | Italian language module for the datetime2 package                           | Talbot, Duchi                                  | 511         |
| datetime2-latin    | Latin language module for the datetime2 package                             | Talbot                                         | 508         |
| datetime2-lsorbian | Lower Sorbian language module for the datetime2 package                     | Talbot                                         | 508         |
| datetime2-magyar   | Magyar language module for the datetime2 package                            | Talbot                                         | 508         |
| datetime2-norsk    | Norsk language module for the datetime2 package                             | Talbot                                         | 508         |
| datetime2-polish   | Polish language module for the datetime2 package                            | Talbot                                         | 508         |
| datetime2-portuges | Portuguese language module for the datetime2 package                        | Talbot                                         | 508         |
| datetime2-romanian | Romanian language module for the datetime2 package                          | Talbot, Patience                               | 511         |
| datetime2-russian  | Russian language module for the datetime2 package                           | Talbot                                         | 508         |
| datetime2-samin    | Northern Sami language module for the datetime2 package                     | Talbot                                         | 508         |
| datetime2-scottish | Scottish Gaelic Language Module for the datetime2 Package                   | Talbot                                         | 508         |
| datetime2-serbian  | Serbian language module for the datetime2 package                           | Talbot, Radović                                | 512         |
| datetime2-slovak   | Slovak language module for the datetime2 package                            | Talbot                                         | 508         |
| datetime2-slovene  | Slovene language module for the datetime2 package                           | Talbot                                         | 508         |
| datetime2-spanish  | Spanish language module for the datetime2 package                           | Talbot                                         | 508         |
| datetime2-swedish  | Swedish language module for the datetime2 package                           | Talbot                                         | 508         |
| datetime2-turkish  | Turkish language module for the datetime2 package                           | Talbot                                         | 508         |
| datetime2-ukrai... | Ukrainian language module for the datetime2 package                         | Talbot, Ponomarenko                            | 511         |
| datetime2-usorbian | Upper Sorbian language module for the datetime2 package                     | Talbot                                         | 508         |
| datetime2-welsh    | Welsh language module for the datetime2 package                             | Talbot                                         | 509         |
| datetime2          | Formats for dates, times and time zones                                     | Talbot                                         | 507         |
| dayofweek          | Calculate day of week, phase of moon                                        | Minow                                          | 370         |
| DayRoman           | The Day Roman typeface                                                      | Schmidt, Harcombe                              | 465         |
| daytime            | Print time of day                                                           | Orlandini, Greenwade                           | 402         |
| db                 | Process simple databases inside L <sup>A</sup> T <sub>E</sub> X             | Panagopoulos                                   | 407         |
| dblfloatfix        | Fixes for twocolumn floats                                                  | Høgholm                                        | 276         |
| dblfnote           | Double-column footnotes                                                     | Nakashima                                      | 382         |
| dblfont            | Blackboard bold font package                                                | Bosisio                                        | 167         |
| DB_process         | Process database output                                                     | Eijkhout                                       | 215         |
| dbshow             | A package to store and display data with custom filters, orders, and styles | Li                                             | 336         |
| dccpaper           | Typeset papers for the International Journal of Digital Curation            | Ball                                           | 148         |
| dco                | Use the DC fonts with old-style numerals                                    | Kirsch                                         | 303         |
| dcolumn            | Align on the decimal point of numbers in tabular columns                    | Carlisle, L <sup>A</sup> T <sub>E</sub> X Team | 182         |



| <i>Package</i>   | <i>Caption</i>                                                      | <i>Author</i>                                    | <i>Page</i> |
|------------------|---------------------------------------------------------------------|--------------------------------------------------|-------------|
| dcounter         | Support dynamic counters                                            | Rozhenko                                         | 455         |
| DCpic            | Commutative diagrams in a $\LaTeX$ and $\TeX$ documents             | Quaresma                                         | 431         |
| ddphonism        | Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.   | Rubio Madrigal                                   | 354         |
| de-macro         | Expand private macros in a document                                 | Gács                                             | 238         |
| debate           | Debates between reviewers                                           | Bugayenko                                        | 174         |
| decimal          | LaTeX package for the English raised decimal point                  | Syropoulos, Nickalls                             | 505         |
| decimalcomma     | Comma for decimal numbers                                           | Missier                                          | 370         |
| decision-table   | An easy way to create Decision Model and Notation decision tables   | Vandavelde, Pantigny                             | 545         |
| declare          | Declare register names locally                                      | Pittman, Burleson                                | 421         |
| decorule         | Decorative swelled rule using font character                        | Flynn                                            | 230         |
| decsci           | BibTeX style for the journal Decision Sciences                      | Rubin                                            | 457         |
| dectab           | Align columns on a decimal point                                    | Franklin                                         | 233         |
| default          | Provide default parameters for $\TeX$ macros                        | Jiang                                            | 289         |
| deflist          | A variation on the description environment                          | Unknown                                          | 534         |
| defoldfonts      | Define old font commands                                            | Kohm                                             | 313         |
| defstring        | Define macros as verbatim macros                                    | Unknown                                          | 534         |
| degrade          | Degrade JPEG images on the fly, prior to inclusion                  | Münster                                          | 380         |
| dehyph-exptl     | Experimental hyphenation patterns for the German language           | Lemberg, Hennig, Milde, Wehr                     | 335         |
| dehyph           | German hyphenation patterns for traditional orthography             | Lemberg, Raichle                                 | 336         |
| dejavu-otf       | Support for the ttf and otf DejaVu fonts                            | Voß                                              | 556         |
| dejavu           | LaTeX support for the DejaVu fonts                                  | Farar                                            | 222         |
| delarray         | Delimiters for arrays                                               | Carlisle, $\LaTeX$ Team                          | 182         |
| deleq            | Flexible numbering of equations                                     | Dahlgren                                         | 199         |
| delig            | Disable misplaced ligatures in $\LaTeX$ documents                   | Warner                                           | 565         |
| delim            | Simplify typesetting mathematical delimiters                        | Majewsky                                         | 355         |
| delimseasy       | Delimiter commands that are easy to use and resize                  | Graham                                           | 249         |
| delimset         | Typeset and declare sets of delimiters with convenient size control | Beisert                                          | 157         |
| delimtxt         | Read and parse text tables                                          | Pedersen                                         | 411         |
| democodetools    | A deprecated package for $\LaTeX$ code documentation                | Frigeri                                          | 235         |
| denisbdoc        | A personal dirty package for documenting packages                   | Bitouzé                                          | 162         |
| deproc           | Macros for DECUS proceedings articles                               | Beeton                                           | 156         |
| derivative       | Nice and easy derivatives                                           | Jensen                                           | 289         |
| desclist         | Extended “description” lists                                        | Rozhenko                                         | 455         |
| designcon        | Develop DesignCon papers                                            | Pupalaikis                                       | 430         |
| detex            | Strip $\TeX$ from a source file                                     | Trinkle                                          | 528         |
| detexfaq         | German $\TeX$ FAQ                                                   | Gundlach                                         | 256         |
| devanagari-omega | Typeset Devanagari with Omega                                       | Unknown                                          | 534         |
| devanagari       | Typeset Devanagari                                                  | Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte | 563         |
| development      | BibTeX style file for the journal Development                       | Eglen                                            | 214         |
| dfgproposal      | Support for writing proposals to the DFG                            | Kohlhase                                         | 313         |
| dhua             | German abbreviations using thin space                               | Lück                                             | 346         |
| diabetes-logbook | A logbook for people with type one diabetes                         | Grigorov                                         | 255         |
| diadia           | Package to keep a diabetes diary                                    | Kleber                                           | 304         |
| diagbox          | Table heads with diagonal lines                                     | Liu                                              | 339         |
| diagmac          | A diagram drawing package                                           | Reynolds                                         | 441         |
| diagmac2         | Diagram macros, using pict2e                                        | Tennent, Reynolds                                | 519         |
| diagnose         | A diagnostic tool for a $\TeX$ installation                         | Corff                                            | 195         |
| diagramf         | Labelled diagrams in Metafont                                       | Gibbons, Jeffrey                                 | 242         |
| diagrams         | A CTAN collection of diagram macro packages                         | The CTAN Team                                    | 521         |
| diagxy           | Diagram macros by Michael Barr                                      | Barr                                             | 149         |
| dialogl          | Macros for constructing interactive $\LaTeX$ scripts                | Downes                                           | 208         |
| dialogue         | Quote short scripted dialogue in $\LaTeX$                           | Swift                                            | 502         |
| dice             | A font for die faces                                                | Heim                                             | 267         |



| <i>Package</i>     | <i>Caption</i>                                                                              | <i>Author</i>                                    | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| dichokey           | Construct dichotomous identification keys                                                   | Dam                                              | 200         |
| dickimaw           | Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”              | Talbot                                           | 509         |
| DictSym            | DictSym font and macro package                                                              | Schmidt, Harcombe                                | 465         |
| didactic           | Tools for writing teaching material                                                         | Bosk                                             | 167         |
| didec              | Fixed-point arithmetic with two decimal places                                              | Sturm                                            | 501         |
| diffcoeff          | Write differential coefficients easily and consistently                                     | Parsloe                                          | 409         |
| digestif           | Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.                             | Stoffel                                          | 495         |
| digicap-pro        | Creates captions to digital photos                                                          | Story                                            | 497         |
| digiconfigs        | Writing “configurations”                                                                    | Madsen                                           | 354         |
| dijkstra           | Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X                                      | Tellechea                                        | 514         |
| dimnum             | Commands for dimensionless numbers                                                          | Clemente                                         | 193         |
| din1505            | Bibliography styles for German texts                                                        | Lorenzen, Baumann                                | 344         |
| dinat              | Bibliography style for German texts                                                         | Baumann                                          | 151         |
| dinbrief-gui       | GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief                                    | Busch                                            | 177         |
| dinbrief           | German letter DIN style                                                                     | Braune, Gussmann                                 | 170         |
| dingbat            | Two dingbat symbol fonts                                                                    | Henderson, Pakin                                 | 269         |
| directory          | An address book using BibTeX                                                                | Geuzaine                                         | 241         |
| directtex          | TeX for the Macintosh                                                                       | Ricken                                           | 441         |
| dirtree            | Display trees in the style of windows explorer                                              | Charpentier                                      | 186         |
| dirtytalk          | A package to typeset quotations easier                                                      | Klammler                                         | 304         |
| disser             | Class and templates for typesetting dissertations in Russian                                | Kruchinin                                        | 321         |
| ditaa              | Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents                         | Ukai                                             | 531         |
| dithesis           | A class for undergraduate theses at the University of Athens                                | Mantzouratos                                     | 356         |
| divine             | LaTeX support for the divine font                                                           | Veytsman                                         | 549         |
| djgpp              | DJGPP-based version of T <sub>E</sub> X for MS-DOS                                          | Zaretskii                                        | 588         |
| dk-bib             | Danish variants of standard BibTeX styles                                                   | Jørgensen                                        | 290         |
| dkhyphen           | Danish hyphenation patterns                                                                 | Jensen                                           | 288         |
| dktools            | Tools and libraries by Dirk Krause                                                          | Krause                                           | 319         |
| dlfltxb            | Macros related to “Introduktion til L <sup>A</sup> T <sub>E</sub> X”                        | Madsen                                           | 354         |
| dlrg-templates     | Templates for the German Lifesaving Association (DLRG)                                      | Pieper                                           | 415         |
| dmfonts            | Virtual fonts to provide T1 encoding                                                        | Sullivan, Kunert                                 | 501         |
| dmhgener           | Equation, figure (etc.) numbering and referencing                                           | Unknown                                          | 534         |
| dnaseq             | Format DNA base sequences                                                                   | Pedersen                                         | 411         |
| do-it-yourself-tex | Back to Plain XeTeX                                                                         | Herz-Fischler                                    | 272         |
| doafter            | Do things after a group                                                                     | Wooding                                          | 576         |
| doc-pictex         | A summary list of PicTeX documentation                                                      | Lück                                             | 346         |
| doc                | Format L <sup>A</sup> T <sub>E</sub> X documentation                                        | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team | 372         |
| docarc             | Multi-user distributed bibliographic database system                                        | Kieling                                          | 301         |
| docassembly        | Use the Acrobat JavaScript API                                                              | Story                                            | 497         |
| docbytex           | Creating documentation from source code                                                     | Olšák                                            | 401         |
| doclicense         | Support for putting documents under a license                                               | Schneider                                        | 468         |
| docmfp             | Document non-LaTeX code                                                                     | Robertson, Wilson                                | 446         |
| docmute            | Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc.                         | Trzeciak                                         | 528         |
| docshots           | TeX samples next to their PDF snapshots                                                     | Bugayenko                                        | 174         |
| docstrip           | Remove comments from file                                                                   | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team | 372         |
| docsurvey          | A survey of L <sup>A</sup> T <sub>E</sub> X documentation                                   | Dunn                                             | 211         |
| doctools           | Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code                         | Pospiech                                         | 423         |
| documentation      | Documentation support for C, Java and assembler code                                        | Morales                                          | 374         |
| docutils           | Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output | Milde                                            | 368         |
| dogma              | Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics     | Veytsman                                         | 549         |
| doi                | Create correct hyperlinks for DOI numbers                                                   | Sneep, Oberdiek                                  | 486         |
| doibanner          | Generate DOI banners and links                                                              | Schreinemachers                                  | 469         |
| doipubmed          | Special commands for use in bibliographies                                                  | Talbot                                           | 509         |
| domaincoloring     | Draw colored representations of complex functions                                           | Voß                                              | 556         |
| domitian           | Drop-in replacement for Palatino                                                            | Miller                                           | 369         |

| <i>Package</i>                  | <i>Caption</i>                                                        | <i>Author</i>              | <i>Page</i> |
|---------------------------------|-----------------------------------------------------------------------|----------------------------|-------------|
| <code>dos-dc</code>             | A distribution of the DC fonts for emTeX                              | Schleicher, Schwarz        | 464         |
| <code>dosepsbin</code>          | Deal with DOS binary EPS files                                        | Oberdiek                   | 393         |
| <code>dot2tex</code>            | Convert graphs generated by Graphviz to $\LaTeX$ friendly formats     | Fauske                     | 223         |
| <code>dot2texi</code>           | Create graphs within $\LaTeX$ using the dot2tex tool                  | Fauske                     | 223         |
| <code>dotarrow</code>           | Extendable dotted arrows                                              | Schneider                  | 468         |
| <code>dotlessi</code>           | Provides dotless i's and j's for use in any math font                 | Bezos López                | 341         |
| <code>dotlessj</code>           | Generates a dot-less j                                                | Carlisle                   | 180         |
| <code>dotseqn</code>            | Flush left equations with dotted leaders to the numbers               | Arseneau                   | 143         |
| <code>dottex</code>             | Use dot code in $\LaTeX$                                              | Kotthoff                   | 319         |
| <code>doublecol</code>          | Double-column page macros for Plain $\TeX$                            | Unknown                    | 534         |
| <code>doublespace</code>        | Double space environment                                              | Page                       | 404         |
| <code>doublestroke</code>       | Typeset mathematical double stroke symbols                            | Kummer                     | 324         |
| <code>doulossil</code>          | A font for typesetting the International Phonetic Alphabet (IPA)      | Unknown, SIL International | 543         |
| <code>dow</code>                | Calculate day of week from a numeric date                             | Unknown                    | 534         |
| <code>dowith</code>             | Apply a command to a list of items                                    | Lück                       | 346         |
| <code>download</code>           | Allow $\LaTeX$ to download files using an external process            | Sigurdhsson                | 483         |
| <code>dox</code>                | Extend the doc package                                                | Verna                      | 548         |
| <code>dozenal</code>            | Typeset documents using base twelve numbering (also called "dozenal") | Goodman                    | 247         |
| <code>DPcircling</code>         | Decorated text boxes using TikZ                                       | Mitsuaki                   | 371         |
| <code>dpfloat</code>            | Support for double-page floats                                        | Fox                        | 232         |
| <code>dprogress</code>          | LaTeX-relevant log information for debugging                          | Amberg                     | 140         |
| <code>dps</code>                | Create a "matching" game with a hidden message                        | Story                      | 497         |
| <code>drac</code>               | Declare active character substitution, robustly                       | Henel, Noirel              | 270         |
| <code>draft</code>              | A $\LaTeX$ 2.09 style for supporting work on drafts                   | Baker                      | 147         |
| <code>draftcopy</code>          | Identify draft copies                                                 | Vollmer                    | 554         |
| <code>draftfigure</code>        | Replace figures with a white box and additional features              | Bossert                    | 167         |
| <code>drafthead</code>          | Mark "DRAFT" in page headers                                          | Page                       | 404         |
| <code>draftmark</code>          | Put draft marks on selected pages                                     | Musa                       | 380         |
| <code>draftwatermark</code>     | Put a grey textual watermark on document pages                        | Callegari                  | 178         |
| <code>drama</code>              | Production-style stage script in $\LaTeX$                             | Swift                      | 502         |
| <code>dramatist</code>          | Typeset dramas, both in verse and in prose                            | Dominici                   | 207         |
| <code>dratex</code>             | General drawing macros                                                | Gurari                     | 257         |
| <code>Drawing-with-Me...</code> | How to draw technical diagrams with MetaPost                          | Thurston                   | 524         |
| <code>drawing</code>            | Simple drawings with Metafont                                         | Wagner                     | 563         |
| <code>drawmatrix</code>         | Draw visual representations of matrices in $\LaTeX$                   | Peise                      | 413         |
| <code>drawmgr</code>            | Macros for centralized management of graphics scripts                 | Unknown                    | 535         |
| <code>drawstack</code>          | Draw execution stacks                                                 | Moy                        | 376         |
| <code>drcaps</code>             | Simple dropped capitals                                               | Shipunov                   | 480         |
| <code>drftcite</code>           | Print the bibliography in "draft" mode                                | Arseneau                   | 143         |
| <code>drm</code>                | A complete family of fonts written in Metafont                        | Goodman                    | 247         |
| <code>droid</code>              | LaTeX support for the Droid font families                             | El Morabity, Matteson      | 374         |
| <code>droit-fr</code>           | Document class and bibliographic style for French law                 | de Saint-Pern              | 458         |
| <code>drop</code>               | Dropped capitals at the start of a paragraph (LaTeX 2.09)             | Cantor, Wujastyk           | 179         |
| <code>dropcaps</code>           | Use dropped capitals to start a paragraph                             | Lauwers                    | 331         |
| <code>dropping</code>           | Drop first letter of paragraphs                                       | Dahlgren                   | 199         |
| <code>drs</code>                | Typeset Discourse Representation Structures (DRS)                     | Dimitriadis                | 206         |
| <code>drv</code>                | Derivation trees with MetaPost                                        | Méhats                     | 365         |
| <code>dspticks</code>           | Macros for Digital Signal Processing plots                            | Prandoni                   | 424         |
| <code>DSSerif</code>            | A double-struck serif font for mathematical use                       | Sharpe                     | 477         |
| <code>dtk-1.32</code>           | Document class for the journal of DANTE                               | Neugebauer, Voß            | 384         |
| <code>dtk-bibliography</code>   | Bibliography of "Die $\TeX$ nische Komödie"                           | Lukaszczuk, Ziegenhagen    | 350         |
| <code>dtk</code>                | Document class for the journal of DANTE                               | Voß, Niepraschk            | 561         |
| <code>dtl</code>                | Tools to dis-assemble and re-assemble DVI files                       | Tobin                      | 525         |
| <code>dtxdescribe</code>        | Describe additional object types in dtx source files                  | Dunn                       | 211         |

| <i>Package</i> | <i>Caption</i>                                                                | <i>Author</i>                                            | <i>Page</i> |
|----------------|-------------------------------------------------------------------------------|----------------------------------------------------------|-------------|
| DTX gallery    | A small collection of minimal DTX examples                                    | Robertson                                                | 444         |
| dtxgen         | Creates a template for a self-extracting .dtx file                            | Dekker                                                   | 202         |
| dtxtut         | Tutorial on writing .dtx and .ins files                                       | Pakin                                                    | 405         |
| ducksay        | Draw ASCII art of animals saying a specified message                          | Spratte                                                  | 490         |
| duckuments     | Create duckified dummy content                                                | Spratte                                                  | 490         |
| duerer-LaTeX   | LaTeX support for the Duerer fonts                                            | Jørgensen                                                | 290         |
| duerer         | Computer Duerer fonts                                                         | Hoenig                                                   | 274         |
| duotenzor      | Drawing package for circuit and duotensor diagrams                            | Hardy                                                    | 264         |
| duplicat       | Make duplicate page numbers distinct                                          | Piff, Fairbairns, Carlisle                               | 419         |
| dutchcal       | A reworking of ESSTIX13, adding a bold version                                | Sharpe                                                   | 477         |
| dvdcoll        | A class for typesetting DVD archives                                          | Kleber                                                   | 304         |
| dvgloss        | Facilities for setting interlinear glossed text                               | Velleman                                                 | 547         |
| dvgt           | Previewer for use on graphic and character-cell terminals                     | Tobin                                                    | 525         |
| dvgtk          | Tektronix 401x DVI previewer                                                  | Cholewo                                                  | 191         |
| dvi-economic   | Save paper while printing                                                     | Verhoeven                                                | 547         |
| dvi2bitmap     | Utility to convert TeX DVI files directly to bitmaps                          | Gray                                                     | 251         |
| dvi2ln3        | LN03 driver based on DVItyp                                                   | Rose                                                     | 451         |
| dvi2tty        | Produce ASCII from DVI                                                        | Lindahl, Mol, Tanaka                                     | 338         |
| dvi2xx         | A general-purpose DVI output for Hewlett-Packard printers                     | Neumann                                                  | 385         |
| DVIasm         | A utility for editing DVI files                                               | Cho, Hosny, Yamashita                                    | 190         |
| dvibit         | DVI driver for BBN bitgraph terminal                                          | Senn, Schaad                                             | 476         |
| dvibook        | Utilities for manipulating DVI files                                          | Duggan                                                   | 210         |
| dvichk         | List the page numbers in a DVI file                                           | Esken                                                    | 218         |
| dviconcat      | Concatenates DVI files                                                        | Unknown                                                  | 535         |
| dvicopy        | Copy DVI files while expanding VF (virtual font) references                   | Breitenlohner, TeXLive                                   | 170         |
| dvidi          | Convert one DVI file into another                                             | Rokicki, Zimanyi, TeXLive                                | 450         |
| dvii           | Extract information from a DVI file                                           | Lewenberg                                                | 336         |
| dviincl        | Include a DVI page into MetaPost output                                       | BOP                                                      | 165         |
| dviinfox       | Perl script to print DVI meta information                                     | Yamashita, Langmyhr                                      | 582         |
| dviljk         | DVI to Laserjet output                                                        | Berry, Schrod, TeXLive                                   | 160         |
| dvimerge       | Merge two DVI files together                                                  | Rahtz                                                    | 433         |
| dviout         | TeX previewer and printer driver for MS-Windows                               | Toshio, Otobe, Asayama, Tanaka                           | 527         |
| dvipaste       | DVI manipulation                                                              | MacKay, Spivak                                           | 354         |
| dvipdfm        | A DVI driver to produce PDF directly                                          | Wicks                                                    | 570         |
| dvipdfmx-def   | Configuration file for dvipdfmx graphics                                      | Cho, Hirata, TeX Team                                    | 190         |
| dvipdfmx       | An extended version of dvipdfm                                                | Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, TeXLive | 190         |
| dvipng         | A fast DVI to PNG/GIF converter                                               | Larsson                                                  | 329         |
| dvips-os2      | OS/2 dvips                                                                    | Kim                                                      | 302         |
| dvips-shell    | A dvips Shell for MS-Windows32                                                | Unknown                                                  | 535         |
| dvips          | A DVI to PostScript driver                                                    | Rokicki, TeXLive                                         | 450         |
| dvipscol       | Alter the usage of the dvips colour stack                                     | Oberdiek                                                 | 393         |
| dvipsconfig    | Collection of dvips PostScript headers                                        | Kuhlmann                                                 | 322         |
| dvipsk         | Convert DVI to PostScript                                                     | Rokicki, Berry                                           | 450         |
| dvisirule      | Superimpose the covered hline and vline in a TeX tabular/colortbl environment | Senju                                                    | 475         |
| dvistd         | A standard for DVI drivers                                                    | TUG DVI Standards Working Group                          | 529         |
| dvisun         | DVI viewer for Sun2 systems                                                   | Hutchinson                                               | 281         |
| dvisvgm-def    | Colour and Graphics support for dvisvgm                                       | TeX Team                                                 | 425         |
| dvisvgm        | Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)      | Giesekeing                                               | 242         |
| DVItoLN03      | DVI output to Digital LN03 printer                                            | Hamilton Kelly                                           | 296         |

| <i>Package</i>   | <i>Caption</i>                                                                | <i>Author</i>     | <i>Page</i> |
|------------------|-------------------------------------------------------------------------------|-------------------|-------------|
| dvitops          | A DVI driver for PostScript output                                            | Clark             | 192         |
| dvitty           | A plain-text output DVI driver                                                | Lindahl           | 338         |
| dvitype          | Type out the content of a DVI file as human-readable text                     | Knuth             | 310         |
| DVIVue           | A DVI/PDF viewer for Windows                                                  | Frane Jr          | 292         |
| dviwin           | MS-Windows DVI screen and printer driver                                      | Sendoukas         | 475         |
| dynamicnumber    | Dynamically typeset numbers and values in $\LaTeX$ through “symbolic links”   | Pieters           | 418         |
| dynblocks        | A simple way to create dynamic blocks for Beamer                              | Fiandrino         | 225         |
| dynbrackets      | Commands to simplify the syntax of dynamic math brackets                      | Clemente          | 193         |
| dynkin-diagrams  | Draw Dynkin, Coxeter, and Satake diagrams using TikZ                          | McKay             | 363         |
| dyntrree         | Construct Dynkin tree diagrams                                                | Setzer            | 476         |
| <b>EEEE</b>      |                                                                               |                   |             |
| e-french         | Comprehensive $\LaTeX$ support for French-language typesetting                | Gaulle, Juillerat | 239         |
| ean              | Macros for making EAN barcodes                                                | Olšák             | 401         |
| ean13isbn        | Print EAN13 for ISBN                                                          | Wagner            | 563         |
| easing           | Easing functions for pgfmath                                                  | Loh               | 340         |
| easy-todo        | To-do notes in a document                                                     | Rada-Vilela       | 432         |
| easy             | A collection of easy-to-use macros                                            | Bertolazzi        | 160         |
| easybib          | Simple syntax for custom bibliographies                                       | Bertolazzi        | 160         |
| easybmat         | Block matrices                                                                | Bertolazzi        | 160         |
| easybook         | Easily typesetting Chinese theses or books                                    | Yi                | 585         |
| EasyDTX          | A simplified DTX format                                                       | Živanović         | 591         |
| easyeqn          | A simple package for writing equations                                        | Bertolazzi        | 160         |
| easyfig          | Simplifying the use of common figures                                         | Scharrer          | 461         |
| easyfloats       | An easier interface to insert figures, tables and other objects in $\LaTeX$   | Zöllner           | 591         |
| easyformat       | Easily add boldface, italics and smallcaps                                    | Provoost          | 430         |
| easyLaTeX        | Faster and simpler writing of $\LaTeX$ documents                              | Shanks            | 476         |
| easylist         | Lists using a single active character                                         | Isambert, Robbers | 283         |
| easymat          | A simple package for writing matrices                                         | Bertolazzi        | 161         |
| easyReview       | Package to provide a way to review (or perform editorial process) in $\LaTeX$ | Matos             | 360         |
| easytable        | A simple package for writing tables                                           | Bertolazzi        | 161         |
| easyvector       | Write vectors in a C-like fashion                                             | Bertolazzi        | 161         |
| ebezier          | Device independent picture environment enhancement                            | Bachmaier         | 147         |
| ebgaramond-maths | Limited $\LaTeX$ support for ebgaramond in maths                              | Rees              | 437         |
| ebgaramond       | LaTeX support for EBGaramond fonts                                            | Tennent           | 516         |
| ebib             | BibTeX database manager for GNU Emacs                                         | Kremers           | 320         |
| ebnf             | Simple package for EBNF productions                                           | Cugley            | 198         |
| EBONG            | Utility for writing Bengali in Rapid Roman Format                             | Banerjee          | 149         |
| ebook            | Helps creating an ebook by providing an ebook class                           | Steensgaard       | 493         |
| ebproof          | Formal proofs in the style of sequent calculus                                | Beffara           | 156         |
| ebstheasis       | Typesetting theses for economics                                              | Baecker           | 147         |
| ec-plain         | Use EC fonts in Plain $\TeX$                                                  | Taupin            | 513         |
| ec               | Computer modern fonts in T1 and TS1 encodings                                 | Knappen, Schwarz  | 309         |
| ecards           | Electronic flash cards                                                        | Story             | 497         |
| ecc              | Sources for the European Concrete fonts                                       | Schmidt, Harcombe | 465         |
| ecclesiastic     | Typesetting Ecclesiastic Latin                                                | Beccari           | 153         |
| ecgdraw          | Draws electrocardiograms (ECG)                                                | Scavino, Aimé     | 460         |
| ecmtree          | Trees using epic and eepic macros                                             | Isozaki           | 284         |
| eco              | Oldstyle numerals using EC fonts                                              | Kirsch            | 303         |
| ecobiblatex      | Global Ecology and Biogeography BibLaTeX styles for the Biber back-end        | Balak             | 148         |
| econ-bst         | BibTeX style for economics papers                                             | Takeda            | 506         |
| econlipsum       | Generate sentences from economic articles                                     | Coleman           | 194         |
| Econometrica     | BibTeX support for Econometrica                                               | Border, Horny     | 166         |

| <i>Package</i> | <i>Caption</i>                                                                                             | <i>Author</i>             | <i>Page</i> |
|----------------|------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| econometrics   | Defines some commands that simplify mathematic notation in economic and econometric writing                | Kole                      | 317         |
| economic       | BibTeX support for submitting to Economics journals                                                        | Henningsen, Wigle         | 271         |
| ecothesis      | LaTeX thesis template for the Universidade Federal de Viçosa (UFV), Brazil                                 | Rodrigues                 | 448         |
| ecta           | Bibliography style for submission to Econometrica                                                          | Perez-Duarte              | 413         |
| ECV            | A fancy Curriculum Vitae class                                                                             | Haberstumpf, Neumann      | 257         |
| eczar          | A font family supporting Devanagari and Latin script                                                       | Unknown                   | 535         |
| ed             | Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents                                              | Kohlhase                  | 313         |
| eddi4tex       | Editor and shell for DOS and OS/2                                                                          | Jahnz                     | 286         |
| edfnotes       | Critical annotations to footnotes with ednotes                                                             | Lück                      | 347         |
| edichokey      | Typeset dichotomous identification keys                                                                    | Yang                      | 582         |
| editbar        | Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09                                                       | Van Geest                 | 239         |
| edmac          | Typeset critical editions                                                                                  | Lavagnino, Wujastyk       | 331         |
| edmargin       | Multiple series of endnotes for critical editions                                                          | Burt                      | 177         |
| edmaths        | A report and thesis package for the University of Edinburgh (UoE)                                          | Fogg                      | 231         |
| ednotes        | Typeset scholarly editions                                                                                 | Lück                      | 347         |
| eehyph         | Hyphenation patterns for the Estonian language                                                             | Saar                      | 458         |
| eemeir         | Adjust the gender of words in a document                                                                   | Hansen                    | 261         |
| eePIC          | Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools                                   | Kwok, van Oostrum         | 326         |
| efbox          | Extension of \fbox, with controllable frames and colours                                                   | Malaquias                 | 356         |
| eforms         | eForm support for the AcroTeX bundle                                                                       | Story                     | 497         |
| ega2mf         | Generate Metafont code for EGA screen fonts                                                                | Ridgeway                  | 441         |
| egameps        | LaTeX package for typesetting extensive games                                                              | Osborne                   | 403         |
| egothic        | Early Gothic manuscript book-hand font                                                                     | Wilson                    | 572         |
| egpeirce       | Draw existential graphs invented by Charles S. Peirce                                                      | Nikulainen                | 389         |
| egplot         | Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents                                   | Probst                    | 425         |
| ehhline        | Extend the \hhline command                                                                                 | Paciorek                  | 404         |
| eiad-ltx       | LaTeX support for the eiad font                                                                            | Münch                     | 378         |
| eiad           | Traditional style Irish fonts                                                                              | Derzhanski                | 204         |
| eigo           | Comprehensive tools for creating Go (Weiqi/Baduk) game diagrams in L <sup>A</sup> T <sub>E</sub> X         | Levivier                  | 336         |
| eijkhout       | Victor Eijkhout's packages                                                                                 | Eijkhout                  | 215         |
| einfart        | Write your articles in a simple and clear way                                                              | XU                        | 580         |
| einfuehrung    | Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X                                       | Voß                       | 556         |
| einfuehrung2   | Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X                                       | Voß                       | 556         |
| eitl           | Easy install of T <sub>E</sub> X Live                                                                      | Niepraschk, Voß           | 389         |
| ejpecp         | Class for EJP and ECP                                                                                      | Šakuras, Gumbakis, Chafai | 458         |
| ekaia          | Article format for publishing the Basque Country Science and Technology Journal "Ekaia"                    | Ibarra                    | 282         |
| ekdosis        | Typesetting TEI-xml compliant Critical Editions                                                            | Alessi                    | 138         |
| EkType-Tanka   | Devanagari fonts by EkType                                                                                 | Unknown                   | 535         |
| elbioimp       | A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance                | Langmyhr                  | 329         |
| electrumadf    | Electrum ADF fonts collection                                                                              | Rees                      | 438         |
| eledform       | Define textual variants                                                                                    | Rouquette                 | 453         |
| eledmac        | Typeset scholarly editions                                                                                 | Rouquette                 | 453         |
| eledpar        | Typeset scholarly editions in parallel texts                                                               | Rouquette                 | 453         |
| ElegantBook    | An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books                                              | Deng, Huang               | 203         |
| ElegantNote    | Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes                                                 | Deng                      | 203         |
| ElegantPaper   | An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers                                     | Deng                      | 203         |
| elements       | Provides properties of chemical elements                                                                   | Niederberger              | 386         |
| elhyphen       | Hyphenation for Greek text                                                                                 | Filippou                  | 226         |
| ellipse        | Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment | Leijen                    | 334         |
| ellipsis       | Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode                            | Heslin                    | 272         |



| <i>Package</i>    | <i>Caption</i>                                                                 | <i>Author</i>                                     | <i>Page</i> |
|-------------------|--------------------------------------------------------------------------------|---------------------------------------------------|-------------|
| elmath            | Mathematics in Greek texts                                                     | Syropoulos, Potamianos                            | 505         |
| elocalloc         | Local allocation macros for $\LaTeX$ 2015                                      | Carlisle                                          | 180         |
| elpres            | A simple class for electronic presentations                                    | Kiefel                                            | 300         |
| els-cas-templates | Elsevier updated $\LaTeX$ templates                                            | Radhakrishnan, T. Nair                            | 432         |
| elsarticle        | Class for articles for submission to Elsevier journals                         | Radhakrishnan, Pepping, Ruck                      | 432         |
| elteiktdk         | TDK-thesis template for Hungarian TDK conferences, Section of Computer Science | Cserép                                            | 198         |
| elteikthesis      | Thesis template for Eötvös Loránd University (Informatics)                     | Cserép                                            | 198         |
| eltex             | Simple circuit diagrams in $\LaTeX$ picture mode                               | Gajdosik                                          | 238         |
| elvish            | Fonts for typesetting Tolkien Elvish scripts                                   | Bradfield                                         | 169         |
| elzcards          | Typeset business cards, index cards and flash cards easily                     | Lazo Zaia                                         | 586         |
| emarks            | Named mark registers with e-TeX                                                | Chervet                                           | 188         |
| embedall          | Embed source files into the generated PDF                                      | Sartori, Lichti                                   | 459         |
| embedfile         | Embed files into PDF                                                           | Oberdiek                                          | 393         |
| embrac            | Upright brackets in emphasised text                                            | Niederberger                                      | 386         |
| emerald           | Support for the free emerald city fontwerks fonts                              | Rodríguez                                         | 448         |
| emf               | Support for the EMF symbol                                                     | Jørgensen                                         | 290         |
| emisa             | A $\LaTeX$ package for preparing manuscripts for the journal EMISA             | Sievers, Strecker                                 | 483         |
| emo               | Emoji for all (LaTeX engines)                                                  | Grimm                                             | 255         |
| emoji             | Emoji support in (Lua)LaTeX                                                    | Zeng                                              | 588         |
| emojicite         | Add emojis to citations                                                        | Sixt                                              | 484         |
| emotion           | Make emojis more easy to use in $\XeLaTeX$ and LuaLaTeX                        | Zeng                                              | 588         |
| emp               | “Encapsulate” MetaPost figures in a document                                   | Ohl                                               | 400         |
| empheq            | EMPHasizing EQuations                                                          | Høgholm, Madsen, $\LaTeX$ Team, Robertson, Wright | 276         |
| emptypage         | Make empty pages really empty                                                  | Wette                                             | 569         |
| emtex             | A $\TeX$ system for MS-DOS and OS/2                                            | Mattes                                            | 360         |
| emtexgi           | A MS-Windows shell for emTeX                                                   | Cottrell                                          | 197         |
| entrees           | Draw labelled trees, using emTeX <code>\specials</code>                        | Boegeholz                                         | 164         |
| emulateapj        | Produce output similar to that of APJ                                          | Vikhlinin, Markevitch                             | 553         |
| encguide          | Documentation of $\LaTeX$ font encodings                                       | $\LaTeX$ Team, Lemberg                            | 429         |
| encTeX            | A $\TeX$ extension that translates input on its way into $\TeX$                | Olšák                                             | 401         |
| encxvlna          | Insert nonbreakable spaces, using encTeX                                       | Wagner, Olšák                                     | 563         |
| endfloat          | Move floats to the end, leaving markers where they belong                      | Goldberg, Sommerfeldt                             | 245         |
| endheads          | Running headers of the form “Notes to pp.xx-yy”                                | Burt                                              | 177         |
| endiagram         | Easy creation of potential energy curve diagrams                               | Niederberger                                      | 386         |
| endnote           | Generic “endnotes” code                                                        | Unknown                                           | 535         |
| EndNote2bib       | Convert EndNote files to BibTeX                                                | Mathar                                            | 359         |
| endnotes-hy       | Patches the endnotes package to create hypertext links to the correct anchors  | Story                                             | 497         |
| endnotes          | Place footnotes at the end                                                     | Gaulle, Lavagnino, Fairbairns, Carlisle           | 239         |
| endnotesj         | Japanese-style endnotes                                                        | Yamashita                                         | 581         |
| endofproofwd      | An “end of proof” sign                                                         | Jensen                                            | 289         |
| engord            | Converts numbers to English ordinal numbers                                    | Oberdiek                                          | 393         |
| engpron           | Helps to type the pronunciation of English words                               | Henel                                             | 270         |
| engrec            | Enumerate with lower- or uppercase Greek letters                               | Henel                                             | 270         |
| engt1c            | Support for users in Telecommunications Engineering                            | Fiandrino                                         | 225         |
| engwar            | Font for typesetting Tolkien Engwar script                                     | Urban                                             | 543         |
| enigma            | Encrypt documents with a three rotor Enigma                                    | Gesang                                            | 241         |
| enotez            | Support for end-notes                                                          | Niederberger                                      | 387         |
| enparen           | Consistent nested brackets                                                     | Oberdiek                                          | 393         |
| enpassant         | Enpassant chess font support                                                   | Fischer                                           | 227         |
| ensps-colorscheme | Color palette and styling of ENS Paris-Saclay                                  | Lopez                                             | 340         |

| <i>Package</i>     | <i>Caption</i>                                                                                   | <i>Author</i>                                         | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------|
| entropy-coupled... | Macros for entropy-coupled operator dynamics in quantum thermo-dynamics and biophysical modeling |                                                       | 521         |
| enumerate          | Enumerate with redefinable labels                                                                | Carlisle, L <sup>A</sup> T <sub>E</sub> X Team        | 183         |
| enumext            | Enumerate exercise sheets                                                                        | González Luengo                                       | 350         |
| enumitem-zref      | Extended references to items for enumitem package                                                | Chervet                                               | 188         |
| enumitem           | Control layout of itemize, enumerate, description                                                | Bezós López                                           | 341         |
| enumspec           | Enumerate with extra leading character for labels                                                | Greenwade                                             | 253         |
| enumsub            | Aligned inline sublists for enumitem                                                             | Mohankumar                                            | 373         |
| envbib             | Printing addresses on envelopes                                                                  | Manda, Sherman                                        | 356         |
| envelope-letter    | Draw a layout to fold the first page of a letter into its own envelope                           | Tasso                                                 | 512         |
| envelope           | Print envelopes                                                                                  | Sherman                                               | 480         |
| enverb             | Read an environment verbatim                                                                     | Spratte                                               | 490         |
| environ            | A new interface for environments in L <sup>A</sup> T <sub>E</sub> X                              | Robertson                                             | 444         |
| envlab             | Addresses on envelopes or mailing labels                                                         | Veytsman                                              | 549         |
| envmath            | Maths commands and environments                                                                  | Bosio                                                 | 167         |
| eolang             | Formulas and graphs for the EO programming language                                              | Bugayenko                                             | 174         |
| eoodef             | Define commands which absorb the whole source line as arguments                                  | Unknown                                               | 535         |
| eoigrab            | Catch arguments delimited by end of line                                                         | Oberdiek                                              | 393         |
| epcqrqcode         | Generate valid EPC QR codes                                                                      | David Wedekind, Paul Kantiem, Wolf Müller             | 201         |
| epic               | Enhance L <sup>A</sup> T <sub>E</sub> X picture mode                                             | Podar                                                 | 422         |
| Epigrafica         | A Greek and Latin font                                                                           | Tsolomitis                                            | 528         |
| epigram            | Display short quotations                                                                         | Hosek                                                 | 278         |
| epigraph-keys      | Epigraphs using key values                                                                       | McKay                                                 | 364         |
| epigraph           | A package for typesetting epigraphs                                                              | Robertson, Wilson                                     | 446         |
| epiolmec           | Typesetting the Epi-Olmec Language                                                               | Syropoulos                                            | 503         |
| ePiX               | Utility for mathematically accurate, camera quality plots and line figures                       | Hwang                                                 | 282         |
| eplain             | Extended plain T <sub>E</sub> X macros                                                           | Berry, Katsitadze, Sitaram                            | 160         |
| epmtfe             | TeX environment for OS/2                                                                         | Schmidt                                               | 465         |
| epstein-trees      | Macros for producing trees                                                                       | Eppstein                                              | 218         |
| eps2pdf            | A Win32 GUI EPS to PDF convertor                                                                 | Jakšić                                                | 286         |
| epsdice            | A scalable dice “font”                                                                           | Heim                                                  | 267         |
| epsf-dvipdfmx      | Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx                                  | Kakuto, Berry                                         | 293         |
| epsf               | Simple macros for EPS inclusion                                                                  | Rokicki, Beebe                                        | 450         |
| epsfig             | Include Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X documents                     | Rahtz, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team | 433         |
| epsfig209          | Obsolete graphics inclusion macros                                                               | Whaite                                                | 569         |
| epsfview           | Mac AppleScript tool for viewing figures generated with MetaPost                                 | Bezós López                                           | 341         |
| epsfx              | A T <sub>E</sub> X macro package for including EPS graphics                                      | BOP                                                   | 165         |
| epsincl            | Include EPS in MetaPost figures                                                                  | BOP                                                   | 165         |
| epslatex           | Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X                        | Reckdahl                                              | 437         |
| epspdf-extra       | Platform-specific extras for epspdf                                                              | Kroonenberg                                           | 320         |
| epspdf-setup       | epspdf with GUI installer                                                                        | Kroonenberg                                           | 320         |
| epspdf             | Converter for PostScript, EPS and PDF                                                            | Kroonenberg                                           | 320         |
| epspdfconversion   | On-the-fly conversion of EPS to PDF                                                              | Becker                                                | 155         |
| epstool            | Manipulate Encapsulated PostScript (EPS)                                                         | Lang                                                  | 328         |
| epstopdf-pkg       | Call epstopdf “on the fly”                                                                       | Oberdiek                                              | 394         |
| epstopdf           | Convert EPS to PDF using Ghostscript                                                             | Wierda, Rahtz, Esser, Oberdiek, Berry                 | 570         |
| eq-fetchbbl        | Match Biblical passages with verse references in a quiz                                          | Story                                                 | 497         |
| eq-pin2corr        | Add PIN security to the “Correct” button of a quiz created by exerquiz                           | Story                                                 | 497         |
| eq-save            | Save exerquiz quizzes and resume                                                                 | Story                                                 | 497         |
| eq2db              | Convert a quiz to one submitted to a server-side script                                          | Story                                                 | 497         |
| eqell              | Sympathetically spaced ellipsis after punctuation                                                | Filipović                                             | 225         |
| eqexam             | A stand-alone exam package                                                                       | Story                                                 | 497         |

| <i>Package</i>   | <i>Caption</i>                                                                     | <i>Author</i>                                                 | <i>Page</i> |
|------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------|
| eqexpl           | Align explanations for formulas                                                    | Morenko                                                       | 375         |
| eqlist           | Description lists with equal indentation                                           | Väth                                                          | 546         |
| eqmark           | Generalise facilities for marking equation arrays                                  | Nitschke                                                      | 390         |
| Eqmlite/Free     | TeX system and PDF support for Linux and OS/2                                      | MicroPress                                                    | 367         |
| eqnalign         | Make eqnarray behave like align                                                    | Hejda                                                         | 267         |
| eqname           | Name tags for equations                                                            | Neugebauer                                                    | 384         |
| eqnarray         | More generalised equation arrays with numbering                                    | Winkler                                                       | 575         |
| eqnarray209      | A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray                            | Jones                                                         | 290         |
| eqnlines         | Single- and multiline equations                                                    | Beisert                                                       | 157         |
| eqnnumwarn       | Modifies the amsmath equation environments to warn for a displaced equation number | Gleason                                                       | 244         |
| eqparbox         | Create equal-widthed parboxes                                                      | Pakin                                                         | 405         |
| equationauthor   | Visual equation editor                                                             | Manhiça                                                       | 356         |
| erdc             | Style for Reports by US Army Corps of Engineers                                    | Veytsman                                                      | 549         |
| erewhon-math     | Utopia based OpenType Math font                                                    | Flipo                                                         | 228         |
| erewhon          | Font package derived from Heuristica and Utopia                                    | Sharpe                                                        | 477         |
| errata           | Error markup for L <sup>A</sup> T <sub>E</sub> X documents                         | Kohlhase                                                      | 313         |
| erw-13           | Utilities based on L <sup>A</sup> T <sub>E</sub> X3                                | Rogard                                                        | 449         |
| esami            | Typeset exams with scrambled questions and answers                                 | Messineo, Vassallo                                            | 367         |
| escapeTeXt       | Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X                    | Hefferon                                                      | 266         |
| esdiff           | Simplify typesetting of derivatives                                                | Saudrais                                                      | 460         |
| esieecv          | Curriculum vitae for French use                                                    | Bayart                                                        | 152         |
| esindex          | Generate sorting keys for indexes                                                  | Bezós López                                                   | 341         |
| esint-type1      | Font esint10 in Type 1 format                                                      | Nikunen                                                       | 389         |
| esint            | Extended set of integrals for Computer Modern                                      | Saudrais                                                      | 460         |
| esk              | Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources     | Kazimiers                                                     | 296         |
| eskd             | Modern Russian typesetting                                                         | Fyodorov                                                      | 237         |
| eskdX            | Modern Russian typesetting                                                         | Korikov                                                       | 318         |
| eslides          | An option for article style to make slides                                         | Denk                                                          | 204         |
| eso-pic          | Add picture commands (or backgrounds) to every page                                | Niepraschk                                                    | 388         |
| esperant         | Style option for writing Esperanto texts                                           | Knappen                                                       | 308         |
| espo             | Customisation for Esperanto                                                        | Unknown                                                       | 535         |
| esrelation       | Provides a symbol set for describing relations between ordered pairs               | Reinfurt                                                      | 439         |
| essaykit         | Get started with macros for essays                                                 | Unknown                                                       | 535         |
| esstix           | PostScript versions of the ESSTIX, with macro support                              | Sharpe                                                        | 477         |
| estcpmm          | Style for Munitions Management Project Reports                                     | Veytsman                                                      | 550         |
| esvect           | Vector arrows                                                                      | Saudrais                                                      | 460         |
| et               | TeX-compatible editor                                                              | Collins                                                       | 194         |
| etaremun         | Reverse-counting enumerate environment                                             | Adriaens                                                      | 137         |
| ETbb             | An expansion of Edward Tufte's ET-Bembo family                                     | Sharpe                                                        | 477         |
| etdipa           | Simple, lightweight template for scientific documents                              | Laube                                                         | 330         |
| etex-pkg         | E-TeX support package                                                              | Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team | 182         |
| e-TeX            | An extended version of T <sub>E</sub> X, from the NTS project                      | Breitenlohner, T <sub>E</sub> XLive                           | 170         |
| etexcnds         | Avoid name clashes with e-TeX commands                                             | Oberdiek                                                      | 394         |
| etextools        | e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers          | Chervet                                                       | 188         |
| ethiop-t1        | Type 1 versions of Amharic fonts                                                   | Rosenau                                                       | 451         |
| ethiop           | LaTeX macros and fonts for typesetting Amharic                                     | Beyene, Kudlec, Kummer, Metzinger                             | 161         |
| ethtex           | Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic          | Alamnehe                                                      | 138         |
| etl              | Expandable token list operations                                                   | Spratte                                                       | 490         |
| etoc             | Completely customisable TOCs                                                       | Burnol                                                        | 175         |
| etoolbox-de      | German translation of documentation of etoolbox                                    | Enderling                                                     | 217         |
| etoolbox-generic | A loader for etoolbox.sty in non-LaTeX formats                                     | Živanović                                                     | 591         |
| etoolbox         | e-TeX tools for L <sup>A</sup> T <sub>E</sub> X                                    | Lehman, Wright                                                | 333         |

| <i>Package</i>     | <i>Caption</i>                                                          | <i>Author</i>                                       | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------|-----------------------------------------------------|-------------|
| etruscan           | Fonts for the Etruscan script                                           | Wilson                                              | 572         |
| etsvthor           | Some useful abbreviations for members of e.t.s.v. Thor                  | Debets                                              | 202         |
| euclidean-lattice  | Draw two-dimensional Euclidean lattices with TikZ                       | Plüt                                                | 421         |
| euclideangeometry  | Draw geometrical constructions                                          | Beccari                                             | 153         |
| EUenc              | Unicode font encoding definitions for XeTeX                             | Robertson, Roux, Hosny                              | 445         |
| euflag             | A command to reproduce the flag of the European Union                   | Flynn                                               | 230         |
| eukdate            | UK format dates, with weekday                                           | Moschou                                             | 375         |
| eukleides          | A geometry drawing system                                               | Obrecht                                             | 399         |
| euler-math         | OpenType version of Hermann Zapf's Euler maths font                     | Flipo                                               | 228         |
| euler              | Use AMS Euler fonts for math                                            | Jensen                                              | 289         |
| eulerpx            | A modern interface for the Euler math fonts                             | Ouassou, Tijssen                                    | 403         |
| eulervm            | Euler virtual math fonts                                                | Schmidt, Harcombe                                   | 465         |
| euproposal         | A class for preparing FP7 proposals                                     | Kohlhase                                            | 313         |
| euro-ce            | Euro and CE sign font                                                   | de Wijn                                             | 570         |
| euro               | Provide Euro values for national currency amounts                       | Franz                                               | 233         |
| eurofont           | Provides a command that prints a euro symbol                            | McDonnell                                           | 363         |
| euroitc            | LaTeX interface for the ITC euro font symbols                           | Schlicht                                            | 464         |
| euromoney          | Vectorial coins and banknotes in euro, with stacking option             | Pierquet                                            | 415         |
| europasscv         | Unofficial class for the new version of the Europass curriculum vitae   | Mazzamuto                                           | 362         |
| EuropeCV           | Unofficial class for European curricula vitae                           | Vitacolonna, Silano                                 | 553         |
| europs             | Access to Adobe's Euro currency symbol fonts                            | Clausen                                             | 192         |
| eurosans           | Interface to Adobe's sans-serif Euro font                               | Schmidt, Harcombe                                   | 466         |
| eurosym            | Metafont and macros for Euro sign                                       | Theiling                                            | 523         |
| eurotex            | Multilingual macros for Plain T <sub>E</sub> X                          | Aavatsmark                                          | 136         |
| euxunicode         | Generate Unicode characters from accented glyphs                        | Robertson                                           | 444         |
| Evangelion-JFM     | A Japanese font metric supporting many advanced features                | Huang                                               | 280         |
| evautofl           | Pages with cut lines and punch marks                                    | Vicentini                                           | 552         |
| evenpage           | Ensure that the total number of pages is even                           | Bosisio                                             | 167         |
| everyhook          | Hooks for standard T <sub>E</sub> X token lists                         | Checkoway                                           | 186         |
| everypage          | Provide hooks to be run on every page of a document                     | Callegari                                           | 178         |
| everysel           | Provides hooks into \selectfont                                         | Schröder, Peischl                                   | 470         |
| everyshi           | Take action at every \shipout                                           | Schröder, Peischl                                   | 470         |
| evweek             | Weekly calendar                                                         | Vicentini                                           | 552         |
| exam-lite          | Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X         | Kukovec                                             | 324         |
| exam-n             | Exam class, focused on collaborative authoring                          | Gray                                                | 252         |
| exam-randomizec... | Randomize mc choices using the exam class                               | op den Brouw                                        | 172         |
| exam-zh            | LaTeX template for Chinese exams                                        | Guo, Xia                                            | 257         |
| exam               | Package for typesetting exam scripts                                    | Hirschhorn                                          | 273         |
| exam209            | Process exam questions and answers (LaTeX 2.09)                         | Greenwade                                           | 253         |
| Exam design        | LaTeX class for typesetting exams                                       | Alexander                                           | 139         |
| example            | Typeset examples for T <sub>E</sub> X courses                           | Schrod                                              | 470         |
| examplep           | Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X        | Szabó                                               | 506         |
| exams              | Typeset exam questions                                                  | van der Meer                                        | 365         |
| examz              | Randomized exams with multiple versions                                 | McClain                                             | 363         |
| excalibur          | Macintosh spell checker                                                 | Zaccone                                             | 585         |
| Excel2LaTeX        | Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables    | Marder, Müller, Pearson,<br>Hawryluk, Hughes, Kokan | 357         |
| Exceltex           | Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X          | Doerr                                               | 206         |
| excludeonly        | Prevent files being \include-ed                                         | Luecking, Arseneau                                  | 349         |
| exercise           | Typeset exercises, problems, etc. and their answers                     | Pichaureau                                          | 414         |
| exercisebank       | Creating and managing exercises, and reusing them as composed sets      | Storvik Strauman                                    | 500         |
| exercisepoints     | A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points | Kerstan                                             | 297         |
| exercises          | Typeset exercises and solutions with automatic addition of points       | Jud                                                 | 292         |
| exercisheets       | Typeset exercise sheets for university courses and school classes       | Fuhlbrück                                           | 236         |
| exerquiz           | Environments for defining exercises and quizzes                         | Story                                               | 497         |

| <i>Package</i>     | <i>Caption</i>                                                                                 | <i>Author</i>                                            | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------|
| exesheet           | Typesetting exercise or exam sheets                                                            | Missier                                                  | 370         |
| exframe            | Framework for exercise problems                                                                | Beisert                                                  | 157         |
| exp-testopt        | Expandable \@testopt (and related) macros                                                      | Ebermann                                                 | 212         |
| expdlist           | Expanded description environments                                                              | Hülse, Kaspar                                            | 281         |
| expex-acro         | Wrapper for the expex package                                                                  | Matter                                                   | 360         |
| expex-glossonly    | Help gb4e, linguex, and covington users use the ExPex glossing macros                          | Munn                                                     | 378         |
| expex              | Linguistic examples and glosses, with reference capabilities                                   | Frampton                                                 | 232         |
| expkv-bundle       | An expandable key=val implementation and friends                                               | Spratte                                                  | 490         |
| expkv-cs           | Define expandable key=val macros using expkv                                                   | Spratte                                                  | 490         |
| expkv-def          | A key-defining frontend for expkv                                                              | Spratte                                                  | 490         |
| expkv-opt          | Parse class and package options with expkv                                                     | Spratte                                                  | 490         |
| expkv              | An expandable key=val implementation                                                           | Spratte                                                  | 490         |
| expl3              | Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3                              | L <sup>A</sup> T <sub>E</sub> X Team                     | 426         |
| expltools          | Development tools for expl3 programmers                                                        | Starý Novotný                                            | 391         |
| export             | Import and export values of L <sup>A</sup> T <sub>E</sub> X registers                          | Drucbert                                                 | 209         |
| expose-expl3-du... | Using expl3 to implement some numerical algorithms                                             | Henel                                                    | 270         |
| expressg           | Diagrams consisting of boxes, lines, and annotations                                           | Wilson                                                   | 572         |
| exscale            | Implements scaling of the 'cmex' fonts                                                         | Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team | 373         |
| exsheets           | Create exercise sheets and exams                                                               | Niederberger                                             | 387         |
| exsol              | Exercises and solutions from the same source, into a book                                      | Daems                                                    | 198         |
| extarrows          | Extra Arrows beyond those provided in amsmath                                                  | Huynh                                                    | 282         |
| extdash            | A range of dash commands for compound words                                                    | Rozhenko                                                 | 455         |
| exteps             | Include EPS figures in MetaPost                                                                | Jørgensen                                                | 290         |
| extpfeil           | Extensible arrows in mathematics                                                               | Ebermann                                                 | 212         |
| extract            | Extract parts of a document and write to another document                                      | Adriaens                                                 | 137         |
| extractbb          | A reimplement of extractbb, written in Lua                                                     | Chernoff                                                 | 188         |
| extractpdfmark     | Extract page mode and named destinations as PDFmark from PDF                                   | Hosoda                                                   | 279         |
| extradefs          | A miscellany of support macros                                                                 | McPherson                                                | 365         |
| extsizes           | Extend the standard classes' size options                                                      | Kilfiger, May                                            | 301         |
| ezedits            | Commands for tracking document changes and notes                                               | Smiga                                                    | 485         |
| <b>FFFF</b>        |                                                                                                |                                                          |             |
| fac                | Macros for FAC journal                                                                         | Woollatt, Reed, Notarmarco                               | 577         |
| facsimile          | Document class for preparing faxes                                                             | Bronger                                                  | 172         |
| factura            | Typeset and calculate invoices according to Venezuelan law                                     | Lazo Zaia                                                | 586         |
| facture-belge-s... | Simple Belgian invoice without VAT                                                             | Sebille                                                  | 474         |
| facture            | Generate an invoice                                                                            | Rouquette, Gombin, Deparis                               | 454         |
| FadingImage        | Add full width fading pictures at the top or bottom of a page                                  | Xia                                                      | 579         |
| fahyph             | Hyphenation patterns for Persian (in Unicode)                                                  | Khalighi, bidi-tex GitHub Organisation                   | 298         |
| fail-fast          | Turn warnings into errors                                                                      | Bugayenko                                                | 174         |
| fakebold           | A simple macro for faking bold fonts                                                           | Unknown                                                  | 535         |
| faktor             | Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X                               | Ebermann                                                 | 213         |
| faltblat           | Making Leaflets                                                                                | Klöckl                                                   | 307         |
| familytree         | Draw family trees                                                                              | Senju                                                    | 475         |
| famt               | Project Reports and Notices in FAMT institute                                                  | Chavan, Desai, Kalyani, Mahadik                          | 186         |
| fancybox           | Variants of \fbox and other games with boxes                                                   | Van Zandt                                                | 586         |
| fancy chapters     | Chapters with quotations                                                                       | Heitkoetter                                              | 267         |
| fancyfolien        | Fancyhdr outline for German readers                                                            | Steffani                                                 | 493         |
| fancyhandout       | A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts                    | Friedl                                                   | 234         |
| fancyhdr-it        | Italian translation of fancyhdr documentation                                                  | Agostini, Rigido                                         | 137         |
| fancyhdr           | Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> | van Oostrum                                              | 402         |
| fancyhdrboxed      | Elaborate page headers, specified in a non-LaTeX language                                      | Algaba                                                   | 139         |
| fancyheadings      | Legacy headings package                                                                        | van Oostrum                                              | 402         |



| <i>Package</i>   | <i>Caption</i>                                                             | <i>Author</i>                              | <i>Page</i> |
|------------------|----------------------------------------------------------------------------|--------------------------------------------|-------------|
| fancylabel       | Complex labelling with $\LaTeX$                                            | Siegel                                     | 482         |
| fancymag         | A Lua $\LaTeX$ package for academic magazines and scientific               | Halder, Ghosh                              | 260         |
| fancynum         | Typeset numbers                                                            | Green                                      | 252         |
| fancypar         | Decoration of individual paragraphs                                        | Medina Arellano                            | 142         |
| fancyqr          | Fancy QR-Codes with TikZ                                                   | Sihler                                     | 483         |
| fancyref         | A $\LaTeX$ package for fancy cross-referencing                             | Reichert                                   | 439         |
| fancyslides      | Custom presentation class built upon $\LaTeX$ Beamer                       | Łupkowski                                  | 350         |
| fancytabs        | Fancy page border tabs                                                     | Pinson                                     | 420         |
| fancytooltips    | Include a wide range of material in PDF tooltips                           | Mařík                                      | 357         |
| fancyvrb         | Sophisticated verbatim text                                                | Van Zandt, Voß, Girou,<br>Rahtz, Mansfield | 587         |
| fandol           | Four basic fonts for Chinese typesetting                                   | Ma                                         | 353         |
| faq-de           | The DANTE $\TeX$ Users Group Frequently Asked Questions                    | Raichle, Niepraschk, Hafner                | 435         |
| faq-es           | CervanTeX (Spanish $\TeX$ Group) FAQ                                       | Martín                                     | 358         |
| faq-fr-gutenberg | Sources of the GUTenberg French $\LaTeX$ FAQ and PDF files                 | Association GUTenberg                      | 146         |
| faq-fr           | French $\LaTeX$ FAQ (sources)                                              | Kluth, Just, Tanguy                        | 308         |
| farbe            | Color management (conversion, names) for Lua $\TeX$ implemented in<br>Lua  | Friedrich                                  | 235         |
| fascicules       | Create mathematical manuals for schools                                    | Moritz                                     | 375         |
| fast-diagram     | Easy generation of FAST diagrams                                           | Allais                                     | 140         |
| fastpictex       | Simple specification of PicTeX diagrams                                    | Stauss                                     | 493         |
| fax              | Document class for preparing faxes                                         | Rhebergen, de Jonge                        | 441         |
| fbb              | A free Bembo-like font                                                     | Sharpe                                     | 477         |
| fbthesis         | Computer Science thesis class for University of Dortmund                   | Dierker                                    | 205         |
| fbox             | Extended <code>\fbox</code> macro from standard $\LaTeX$                   | Voß                                        | 556         |
| fbs              | BibTeX style for Frontiers in Bioscience                                   | Suckale                                    | 501         |
| fc-arith         | Create an arithmetic flash card                                            | Story                                      | 497         |
| fc               | Fonts for African languages                                                | Knappen                                    | 308         |
| fcavtex          | A thesis class for the FCAV/UNESP (Brazil)                                 | Maldonado Jr                               | 292         |
| fchart           | Flow diagrams in $\LaTeX$ 2.09                                             | Schollmeyer                                | 469         |
| fcitxdoc         | Macros for use in the author's documentation                               | Chervet                                    | 188         |
| fcolumn          | Typesetting financial tables                                               | Olthof                                     | 401         |
| FdSymbol         | A maths symbol font                                                        | Ummels                                     | 531         |
| fduthesis        | LaTeX thesis template for Fudan University                                 | Zeng                                       | 588         |
| featpost         | MetaPost macros for 3D                                                     | Gonçalves                                  | 246         |
| fei              | Class for academic works at FEI University Center — Brazil                 | De Rizzo Meneghetti                        | 366         |
| FenetreCas       | Commands for CAS-like windows (Xcas or Geogebra) in TikZ                   | Pierquet                                   | 415         |
| fenixpar         | One-shot changes to token registers such as <code>\everypar</code>         | Música de Rivera                           | 442         |
| fepslatex        | French version of “graphics in $\LaTeX$ ”                                  | Drucbert                                   | 209         |
| fetamont         | Extended version of Knuth's logo typeface                                  | Romer                                      | 451         |
| fetchbibpes      | Creates a DB of Bible verses from e-Sword, then fetches them on<br>command | Story                                      | 498         |
| fetchcls         | Fetch the current class name                                               | Giannotti                                  | 241         |
| feupphdtheses    | Typeset Engineering PhD theses at the University of Porto                  | Espinoza                                   | 219         |
| fewerfloatpages  | Reduce the number of unnecessary float pages                               | Mittelbach                                 | 371         |
| feyn             | A font for in-text Feynman diagrams                                        | Gray                                       | 252         |
| feynman          | Feynman diagrams in $\LaTeX$ 2.09                                          | Levine                                     | 336         |
| feynmf           | Macros and fonts for creating Feynman (and other) diagrams                 | Ohl                                        | 400         |
| feynmp-auto      | Automatic processing of feynmp graphics                                    | Gregorio                                   | 253         |
| ffcode           | Fixed-font code blocks formatted nicely                                    | Bugayenko                                  | 174         |
| ffslides         | Freeform slides based on the article class                                 | Wolters                                    | 576         |
| fge              | A font for Frege's Grundgesetze der Arithmetik                             | Green                                      | 252         |
| fgruler          | Draw rulers on the foreground or in the text                               | Tómacs                                     | 526         |
| FHJ-Script       | Classes and packages for formatting documents for FH JOANNEUM              | Hammer                                     | 260         |
| fi2t1            | Tools for installing Type 1 fonts in MiKTeX                                | Kapune                                     | 294         |

| <i>Package</i>     | <i>Caption</i>                                                                             | <i>Author</i>                     | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------|-----------------------------------|-------------|
| fibeamer           | Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic) | Starý Novotný                     | 391         |
| fibnum             | Generate Fibonacci numbers                                                                 | Oberdiek                          | 394         |
| fifinddo-info      | German HTML beamer presentation on nicetext and morehype                                   | Lück                              | 347         |
| fifinddo           | Filtering files using $\TeX$                                                               | Lück                              | 347         |
| fifo-stack         | FIFO and stack implementation for package writers                                          | Gaito                             | 238         |
| fig2eng            | Convert fig files to English                                                               | Tobin                             | 525         |
| fig2lat            | Convert .fig files to vector graphics                                                      | Krause                            | 320         |
| fig2mf             | Convert fig output to Metafont                                                             | Starks                            | 493         |
| fig2mfpic          | Convert fig output to mfpic                                                                | Tobin                             | 525         |
| fig2sty            | Use fig as layout designer for $\LaTeX$                                                    | Rohner                            | 449         |
| fig2vect           | Yet another Fig to vector converter                                                        | Krause                            | 320         |
| fig4latex          | Management of figures for large $\LaTeX$ documents                                         | Fields                            | 225         |
| figbas             | Mini-fonts for figured-bass notation in music                                              | Tennent                           | 516         |
| FigBib             | Organize figure databases with BibTeX                                                      | Poland                            | 422         |
| figcaps            | Collect figure captions for later printing                                                 | Daly                              | 200         |
| figchild           | Pictures for creating children's activities                                                | de Souza Bastos                   | 488         |
| figflow            | Flow text around a figure                                                                  | Hutchinson                        | 281         |
| figfrag            | Convert xfig figures with embedded $\LaTeX$ commands to EPS                                | Ditzel                            | 206         |
| figplace           | Floating figures in Plain $\TeX$                                                           | Zalmstra                          | 586         |
| figput             | Create interactive figures in $\LaTeX$                                                     | Fairman                           | 221         |
| figsinltx          | A tutorial on figures in $\LaTeX$ 2.09                                                     | Goel                              | 245         |
| FigSize            | Auto-size graphics                                                                         | Tanbakuchi                        | 512         |
| figureversions     | Figure versions for $\LaTeX$                                                               | Ummels                            | 531         |
| fihyph             | Hyphenation patterns for Finnish language                                                  | Hellgren                          | 268         |
| filecontents       | Create an external file from within a $\LaTeX$ document                                    | Pakin                             | 405         |
| filecontentsdef    | filecontents + macro + verbatim                                                            | Burnol                            | 175         |
| filedate           | Access and compare info and modification dates                                             | Lück                              | 347         |
| fileerr            | LaTeX's mechanisms for dealing with file errors                                            | Mittelbach                        | 371         |
| filehdr            | Self-descriptions in file headers                                                          | Beebe                             | 155         |
| filehook           | Hooks for input files                                                                      | Scharrer                          | 461         |
| fileinfo           | Enhanced display of $\LaTeX$ File Information                                              | Lück                              | 347         |
| filemod            | Provide file modification times, and compare them                                          | Scharrer                          | 462         |
| fillform           | Typeset answers to overprint on printed forms                                              | Wagner                            | 563         |
| fillpages          | Fill up the page count to a certain number (e.g. divisible by 4)                           | Ruprecht                          | 457         |
| fillwith           | Fill vertical space with solid rules or dotted lines                                       | Rees                              | 438         |
| findbib            | Find bibliographic details from SPIRES                                                     | Nesti, Goldstein                  | 383         |
| findhyph           | Find hyphenated words in a document                                                        | Budaj                             | 173         |
| FiNK               | The $\LaTeX$ 2e File Name Keeper                                                           | Verna                             | 548         |
| Finomaton          | Comfortably draw and typeset finite state machines                                         | Triska                            | 528         |
| finplain           | A Finnish version of plain.bst                                                             | Kaijanaho                         | 293         |
| finstrut           | Adjust behaviour of the ends of footnotes                                                  | Lück                              | 347         |
| fira               | Fira fonts with $\LaTeX$ support                                                           | Tennent                           | 516         |
| firamath-otf       | Use OpenType math font Fira Math                                                           | Voß                               | 556         |
| firamath           | Fira sans serif font with Unicode math support                                             | Zeng                              | 588         |
| firefox-ctan-pl... | Firefox search proformas for CTAN                                                          | Engler                            | 218         |
| first-latex-doc    | A document for absolute $\LaTeX$ beginners                                                 | Hefferon, Pégourié-Gonnard, Berry | 266         |
| first-packages     | A short list of go-to $\LaTeX$ packages, aimed at a beginner                               | Hefferon                          | 266         |
| firstline          | Print the first line of a paragraph in a different font                                    | Fox                               | 232         |
| firststeps-xampl   | Examples from "First steps in $\LaTeX$ "                                                   | Grätzer                           | 251         |
| fistrum            | Access to 150 paragraphs of Lorem Fistrum very dummy text                                  | Davó                              | 202         |
| fitbox             | Fit graphics on a page                                                                     | Veytsman                          | 550         |
| fitch              | LaTeX macros for Fitch-style natural deduction                                             | Zach                              | 585         |

| <i>Package</i>     | <i>Caption</i>                                                                                             | <i>Author</i>                                 | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| fithesis           | Thesis class and template for Masaryk University (Brno, Czech Republic)                                    | Starý Novotný                                 | 391         |
| FitR               | Set a rectangular destination and jump to it                                                               | Story                                         | 498         |
| fix-cm             | Permit Computer Modern fonts at arbitrary sizes                                                            | Schmidt, L <sup>A</sup> T <sub>E</sub> X Team | 467         |
| fix2col            | Fix miscellaneous two column mode features                                                                 | Carlisle                                      | 180         |
| fixbbl             | Patch bibliographies inappropriately broken by BibTeX                                                      | Stajano                                       | 492         |
| fixcmex            | Fully scalable version of Computer Modern Math Extension font                                              | Gregorio                                      | 253         |
| fixdif             | Macros for typesetting differential operators                                                              | Zhang                                         | 589         |
| fixfoot            | Multiple use of the same footnote text                                                                     | Fairbairns, Carlisle                          | 220         |
| fixjfm             | Fix JFM (for *pTeX)                                                                                        | Zhang                                         | 589         |
| fixlatvian         | Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X                         | Vihrov                                        | 553         |
| fixltx2e           | Patches for L <sup>A</sup> T <sub>E</sub> X                                                                | L <sup>A</sup> T <sub>E</sub> X Team          | 426         |
| fixltxhyph         | Allow hyphenation of partially-emphasised substrings                                                       | Beccari                                       | 153         |
| fixmath            | Make maths comply with ISO 31-0:1992 to ISO 31-13:1992                                                     | Schmidt, Harcombe                             | 466         |
| Fixme              | Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X                                          | Verna                                         | 548         |
| fixmetodonotes     | Add notes on document development                                                                          | Barabucci                                     | 149         |
| fixocgx            | Add support for dvips+ps2pdf, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, dvipdfmx to the ocgx package | Grahn                                         | 249         |
| fixpdfmag          | Fix magnification in pdfTeX                                                                                | Bezós López                                   | 341         |
| fiziko             | A MetaPost library for physics textbook illustrations                                                      | Slyusarev                                     | 485         |
| fjodor             | A selection of layout styles                                                                               | Filipović                                     | 225         |
| flabels            | Labels for files and folders                                                                               | Börchers                                      | 165         |
| flacards           | Generate flashcards for printing                                                                           | Stuhrmann                                     | 500         |
| flagderiv          | Flag style derivation package                                                                              | van Tilburg                                   | 524         |
| flags              | Setting and clearing of flags in bit fields                                                                | Oberdiek                                      | 394         |
| flashcard          | Typeset flash cards                                                                                        | Kilfiger                                      | 301         |
| flashcards         | A class for typesetting flashcards                                                                         | Budge, Vernon                                 | 174         |
| flashmovie         | Directly embed flash movies into PDF files                                                                 | Hartmann                                      | 265         |
| flatex             | Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file                                            | Har-Peled                                     | 261         |
| flatten            | Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file                                            | Wilson                                        | 572         |
| fldigal            | Create a Flash slide show of digital photos                                                                | Story                                         | 498         |
| flexipage          | Flexible page geometry with marginalia                                                                     | Vrba                                          | 562         |
| flexisym           | Symbol manipulation for breqn                                                                              | Høgholm, Madsen, Robertson, Wright, Downes    | 277         |
| flipbook           | Typeset flipbook animations, in the corners of documents                                                   | Buffet                                        | 174         |
| flippdf            | Horizontal flipping of pages with pdfLaTeX                                                                 | Callegari                                     | 178         |
| float              | Improved interface for floating objects                                                                    | Lingnau                                       | 339         |
| floatbytocbasic    | An enhancement to package float using package tocbasic                                                     | Kohm                                          | 313         |
| floatfig           | Deprecated: Allows text to be wrapped around figures                                                       | Kneser                                        | 309         |
| floatflt           | Wrap text around floats                                                                                    | Dahlgren                                      | 199         |
| floatnohead        | Suppress page headings on float-only pages                                                                 | Rahtz, Hosek                                  | 434         |
| floatpag           | Different pagestyles on float pages                                                                        | Statulevičius                                 | 493         |
| floatrow           | Modifying the layout of floats                                                                             | Lapko                                         | 329         |
| floatrowbytocbasic | An enhancement to package floatrow using package tocbasic                                                  | Kohm                                          | 314         |
| flow               | Draw flow diagrams in picture mode                                                                         | Brown                                         | 172         |
| flowchart          | Shapes for drawing flowcharts, using TikZ                                                                  | Robson                                        | 447         |
| flowfram           | Create text frames for posters, brochures or magazines                                                     | Talbot                                        | 509         |
| FlowframTk         | Vector graphics application with support for flowfram.sty                                                  | Talbot                                        | 509         |
| fltpage            | Place caption on an adjacent page                                                                          | Gross                                         | 255         |
| fltpoint           | Simple floating point arithmetic                                                                           | Guthöhrlein                                   | 257         |
| flushend           | Balancing columns at last page                                                                             | Tolušis                                       | 526         |
| fmp                | Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X                                             | Kuhlmann                                      | 322         |
| fmtcount           | Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats                     | Talbot, Belaïche, Nijenhuis                   | 511         |
| fn2end             | Convert footnotes to endnotes                                                                              | Border                                        | 166         |
| fnbreak            | Warn for split footnotes                                                                                   | Harders                                       | 262         |
| fncychap           | Seven predefined chapter heading styles                                                                    | Lindgren                                      | 338         |

| <i>Package</i>     | <i>Caption</i>                                                                         | <i>Author</i>                                           | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------|-------------|
| incylab            | Alter the format of \label references                                                  | Fairbairns, Carlisle                                    | 220         |
| fnlineno           | Number the lines of footnotes                                                          | Lück, Wette                                             | 348         |
| fnote              | Auto-numbered footnotes in Plain T <sub>E</sub> X                                      | Unknown                                                 | 535         |
| fnpara-pln         | Footnotes in paragraphs                                                                | Wujastyk                                                | 578         |
| fnpara             | Footnotes in paragraphs                                                                | Rowley, Wujastyk, Smith                                 | 455         |
| fnpct              | Manage footnote marks' interaction with punctuation                                    | Niederberger                                            | 387         |
| fnpos              | Control the position of footnotes on the page                                          | Nakashima                                               | 382         |
| fnspe              | Macros for supporting mainly students of FNSPE CTU in Prague                           | Zeman                                                   | 588         |
| fnsguide           | Documentation of L <sup>A</sup> T <sub>E</sub> X font commands                         | L <sup>A</sup> T <sub>E</sub> X Team                    | 426         |
| fnproof            | A programmable font test pattern generator                                             | Luecking                                                | 349         |
| fnumprint          | Print a number in 'appropriate' format                                                 | Schneider                                               | 468         |
| fodot              | Helpful commands to work with the FODOT                                                | Fleiner                                                 | 228         |
| foekfont           | The title font of the Mads Føk magazine                                                | Jørgensen                                               | 291         |
| foilhtml           | Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML                     | Veytsman                                                | 550         |
| foiltex            | A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies                  | Hafner                                                  | 258         |
| foliono            | Use folio numbers to replace page numbers                                              | Syrjänen                                                | 503         |
| fonetika           | Support for the Danish "Dania" phonetic system                                         | Jørgensen                                               | 291         |
| font-change-xetex  | Macros to change text and mathematics fonts in plain XeTeX                             | Dhawan                                                  | 205         |
| font-change        | Macros to change text and mathematics fonts in plain T <sub>E</sub> X                  | Dhawan                                                  | 205         |
| font_selection     | Font selection for plain T <sub>E</sub> X                                              | de Wijn                                                 | 570         |
| fontawesome        | Font containing web-related icons                                                      | Danaux, Gandy                                           | 200         |
| fontawesome5       | Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support                            | Krüger                                                  | 321         |
| fontawesome6       | Font Awesome 6 with L <sup>A</sup> T <sub>E</sub> X support                            | Nagel                                                   | 382         |
| fontawesome7       | Font Awesome 7 with L <sup>A</sup> T <sub>E</sub> X support                            | Nagel                                                   | 382         |
| fontawesomescaled  | Additional macros for fontawesome icons                                                | Pierquet                                                | 416         |
| fontaxes           | Additional font selection axes for L <sup>A</sup> T <sub>E</sub> X                     | Bühmann, Ummels                                         | 175         |
| fontbl             | A font sampler                                                                         | Beeman, MacKay                                          | 156         |
| fontbook           | Generate a font book                                                                   | Pinson                                                  | 420         |
| fontch             | Changing fonts, sizes and encodings in Plain T <sub>E</sub> X                          | Medina                                                  | 365         |
| fontchart          | A font sampler                                                                         | Lemberg                                                 | 335         |
| fonteinf           | An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)              | Bezos López, Ruedas                                     | 344         |
| fontenc            | Standard package for selecting font encodings                                          | L <sup>A</sup> T <sub>E</sub> X Team                    | 426         |
| fontinst           | Help with installing fonts for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X    | Hellström, Jeffrey, Rahtz, Vieth                        | 268         |
| fontinstallatio... | Font installation guide                                                                | Lehman                                                  | 333         |
| fontload           | A partial font downloading utility                                                     | Malyshev                                                | 356         |
| fontloader-lua...  | Alternative fontloaders for luaotfload                                                 | Fischer                                                 | 228         |
| fontmfizz          | Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X                            | Dungs                                                   | 211         |
| fontname           | Scheme for naming fonts in T <sub>E</sub> X                                            | Berry                                                   | 160         |
| fonttools          | Tools to simplify using fonts (especially TT/OTF ones)                                 | Penninga                                                | 413         |
| fonts-arundina     | DejaVu-compatible Thai fonts                                                           | Karoonboonyanan                                         | 294         |
| fonts-churchsla... | Fonts for typesetting in Church Slavonic language                                      | Kroutikov, Andreev                                      | 321         |
| fonts-tlwg         | Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG                               | Karoonboonyanan                                         | 294         |
| fontssampler       | Samples of fonts that come with T <sub>E</sub> X Live                                  | Flynn                                                   | 230         |
| fontscale          | A flexible interface for setting font sizes                                            | Beery                                                   | 156         |
| fontscripts        | Font encodings, metrics and Lua script fragments for font creation                     | Rees                                                    | 438         |
| fontsetup-nonfree  | A front-end to fontspec, for selected non-free fonts                                   | Tsolomitis                                              | 528         |
| fontsetup          | A front-end to fontspec, for selected fonts with math support                          | Tsolomitis                                              | 528         |
| fontsize           | A small package to set arbitrary sizes for the main font of the document               | Valbusa                                                 | 544         |
| fontsmpl           | Print a sample of a font                                                               | L <sup>A</sup> T <sub>E</sub> X Team, Jeffrey           | 429         |
| fontspec           | Advanced font selection in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX | Robertson, L <sup>A</sup> T <sub>E</sub> X Team         | 445         |
| fonttable          | Print font tables from a L <sup>A</sup> T <sub>E</sub> X document                      | L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wilson | 429         |
| fontwrap           | Bind fonts to specific unicode blocks                                                  | Kamermans                                               | 293         |

| <i>Package</i>     | <i>Caption</i>                                                                      | <i>Author</i>          | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------------|------------------------|-------------|
| footbib            | Bibliographic references as footnotes                                               | Domenjoud              | 206         |
| footmisc           | A range of footnote options                                                         | Fairbairns, Mittelbach | 221         |
| footmisx           | A range of footnote options                                                         | Roucariès              | 452         |
| footnote           | Improve on $\LaTeX$ 's footnote handling                                            | Wooding                | 576         |
| footnotebackref    | Back-references from footnotes                                                      | Lange                  | 329         |
| footnotehyper      | A hyperref aware footnote environment                                               | Burnol                 | 176         |
| footnoterange      | References to ranges of footnotes                                                   | Münch                  | 377         |
| footnpag           | Per-page numbering of footnotes                                                     | Schrod                 | 470         |
| forarray           | Using array structures in $\LaTeX$                                                  | Schröppel              | 471         |
| foreign            | Systematic treatment of 'foreign' words in documents                                | Ratcliffe              | 436         |
| forest-ext         | Additional Forest libraries providing bug fixes, extensions and support for tagging | Rees                   | 438         |
| forest-quickstart  | Quickstart Guide for Linguists package "forest"                                     | Vanden Wyngaerd        | 579         |
| forest             | Drawing (linguistic) trees                                                          | Živanović              | 591         |
| forindex           | Manipulate $\backslash$ index commands in a $\LaTeX$ file                           | Milanese               | 368         |
| forloop            | Iteration in $\LaTeX$                                                               | Setzer                 | 476         |
| formal-grammar     | Typeset formal grammars                                                             | Vassor                 | 546         |
| format             | Format a counter as a fixed-point number                                            | Karney                 | 294         |
| formation-latex-ul | Introductory $\LaTeX$ course in French                                              | Goulet                 | 249         |
| formlett           | Letters to multiple recipients                                                      | Jiang                  | 289         |
| forms16be          | Initialize form properties using big-endian encoding                                | Story                  | 498         |
| formula            | Typesetting physical units                                                          | Tille                  | 524         |
| formular           | Create forms containing field for manual entry                                      | Wirth                  | 575         |
| fortran            | Print Fortran programs                                                              | Toby                   | 525         |
| forum              | Forum fonts with $\LaTeX$ support                                                   | Tennent                | 516         |
| fotex              | Process XSL-FO                                                                      | Rahtz                  | 433         |
| fouridx            | Left sub- and superscripts in maths mode                                            | Karrmann               | 295         |
| fourier            | Using Utopia fonts in $\LaTeX$ documents                                            | Bovani                 | 168         |
| FourierNC          | Use New Century Schoolbook text with Fourier maths fonts                            | Zedler, Sharpe         | 588         |
| fourproject        | Analyse and display the structure of a $\TeX$ document                              | Frambach               | 232         |
| fourspell          | Windows32 spell checker for $\TeX$ , RTF, HTML, and BibTeX                          | Frambach               | 232         |
| fp                 | Fixed point arithmetic                                                              | Mehlich                | 366         |
| fpl                | SC and OsF fonts for URW Palladio L                                                 | Stubner                | 500         |
| fpTeX              | A web2C-based $\TeX$ system for MS-Windows32                                        | Popineau               | 422         |
| fragmaster         | Using psfrag with pdfLaTeX                                                          | Domingo, Vogel         | 207         |
| fragments          | Fragments of $\LaTeX$ code                                                          | Carlisle               | 180         |
| FraGoLi            | Macros for constructing complex semantic derivations                                | Koenig                 | 313         |
| frame              | Framed boxes for Plain $\TeX$                                                       | Van Zandt, Voß         | 587         |
| framed             | Framed or shaded regions that can break across pages                                | Arseneau               | 143         |
| FramedSyntax       | Typeset the syntax of commands and environments within coloured boxes               | Beccari                | 153         |
| francais-bst       | Bibliographies conforming to French typographic standards                           | Goulet                 | 249         |
| frankenbundle      | Develop and distribute $\LaTeX$ packages and classes and BibTeX styles              | Swift                  | 502         |
| frankenstein-un... | Unsupported packages from the Frankenstein bundle                                   | Swift                  | 502         |
| frankenstein       | A collection of $\LaTeX$ packages                                                   | Swift                  | 502         |
| frcursive          | French cursive hand fonts                                                           | Beffara                | 156         |
| frederika2016      | An OpenType Greek calligraphy font                                                  | Syropoulos             | 504         |
| free-math-font-... | The survey of available free Mathematics fonts, translated to Vietnamese            | Hòa                    | 273         |
| free-math-font-... | A survey of available free Mathematics fonts                                        | Hartke                 | 265         |
| freealign          | Align math formulas in different lines                                              | Lyu                    | 352         |
| freemath           | LaTeX maths without backslashes                                                     | Unknown                | 535         |
| freetype           | A full-featured font rasterizer library                                             | Lemberg                | 335         |
| frege              | Typeset fregean Begriffsschrift                                                     | Pamp                   | 407         |
| french-translat... | French translation project                                                          | Bayart                 | 152         |



| <i>Package</i>   | <i>Caption</i>                                                                                             | <i>Author</i>                                    | <i>Page</i> |
|------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| frenchle         | French macros, usable stand-alone or with Babel                                                            | Gaulle, Juillerat                                | 239         |
| frenchmath       | Typesetting mathematics according to French rules                                                          | Missier                                          | 370         |
| frenchponct      | Implement French-style spacing at punctuation                                                              | Roy                                              | 455         |
| frenchpro        | Professional typesetting of French documents                                                               | Gaulle                                           | 239         |
| frenchquote      | Make something like guillemets                                                                             | Unknown                                          | 535         |
| fretplot         | Create scale and chord diagrams for guitar-like instruments                                                | Ganguly                                          | 238         |
| frhyph           | French hyphenation patterns                                                                                | Flipo                                            | 228         |
| FriBidiXeTeX     | A pre-processor for XeTeX files to support unicode bidirectional algo-rithm                                | Khalighi, bidi-tex GitHub Organisation           | 298         |
| fribrief         | Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German                                  | Fries                                            | 235         |
| frimurer         | Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X                               | Jørgensen                                        | 291         |
| frletter         | Typeset letters in the French style                                                                        | Andronic                                         | 141         |
| frontespizio     | Create a frontispiece for Italian theses                                                                   | Gregorio                                         | 253         |
| froufrou         | Fancy section separators                                                                                   | Lago                                             | 327         |
| frpseudocode     | French translation for the algorithmicx package                                                            | Irwin                                            | 283         |
| ftc-notebook     | Typeset FIRST Tech Challenge (FTC) notebooks                                                               | Team Robocracy                                   | 514         |
| ftcap            | Allows \caption at the beginning of a table-environment                                                    | Steffani                                         | 493         |
| ftetx            | TeX support in FTE text editor                                                                             | Zydowitz                                         | 592         |
| ftn              | LaTeX footnotes anywhere                                                                                   | Thorup                                           | 524         |
| ftnright         | Footnotes in two column documents in one column only                                                       | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team | 372         |
| ftnextra         | Extend the applicability of the \footnote command                                                          | Khalighi, bidi-tex GitHub Organisation           | 299         |
| fullblk          | Left-blocking for letter class                                                                             | Cloos Jr.                                        | 292         |
| fullminipage     | Minipage spanning a complete page                                                                          | Schneider                                        | 468         |
| fullpage         | Set all page margins to 1.5cm                                                                              | Daly                                             | 200         |
| fullpict         | Full page pictures                                                                                         | Shawyer                                          | 479         |
| fullwidth        | Adjust margins of text block                                                                               | Daniel                                           | 200         |
| functan          | Macros for functional analysis and PDE theory                                                              | Lejay                                            | 334         |
| functional       | An intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2                         | Lyu                                              | 352         |
| fundus-calligra  | Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents                                 | Neugebauer                                       | 384         |
| fundus-cyr       | Support for Washington University Cyrillic fonts                                                           | Neugebauer                                       | 384         |
| fundus-la        | Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents                              | Neugebauer                                       | 384         |
| fundus-outline   | LaTeX support for CM outline fonts                                                                         | Neugebauer                                       | 384         |
| fundus-pvscript  | Support for Vanroose handwriting font                                                                      | Neugebauer                                       | 384         |
| fundus-startrek  | 'Startrek' fonts, and macros to support them                                                               | Neugebauer                                       | 384         |
| fundus-sueterlin | Sütterlin                                                                                                  | Neugebauer                                       | 384         |
| fundus-twcal     | LaTeX support for the twcal handwriting font                                                               | Neugebauer                                       | 384         |
| fundus-va        | Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents                                      | Neugebauer                                       | 384         |
| fundus           | Providing L <sup>A</sup> T <sub>E</sub> X access to various font families                                  | Neugebauer                                       | 384         |
| funnelweb        | A flexible, language-independent web system                                                                | Coates                                           | 193         |
| futhark          | Fonts for the Older Futhark script                                                                         | deyAvemta                                        | 205         |
| futharksymb      | Macros for entering futhark runes                                                                          | Plasschaert                                      | 421         |
| futhorc          | Anglo-Friesic futhorc alphabet font                                                                        | Pantke                                           | 408         |
| futurans         | Metrics and L <sup>A</sup> T <sub>E</sub> X support for Futura Fonts From Adobe As Used By No Starch Press | Veytsman                                         | 550         |
| fvextra          | Extensions and patches for fancyvrb                                                                        | Poore                                            | 422         |
| fweb             | A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X                                   | Krommes                                          | 320         |
| fwlw             | Get first and last words of a page                                                                         | Arseneau                                         | 143         |
| <b>GGGGG</b>     |                                                                                                            |                                                  |             |
| g-brief          | Letter document class                                                                                      | Lenzen                                           | 336         |
| gaceta           | A class to typeset La Gaceta de la RSME                                                                    | Varona                                           | 545         |
| gahyph           | Hyphenation patterns for the Irish language                                                                | Scannell                                         | 460         |
| galois           | Typeset Galois connections                                                                                 | Cousot                                           | 197         |
| gamebook         | Typeset gamebooks and other interactive novels                                                             | Miede                                            | 368         |
| Gamebooklib      | Macros for setting numbered entries in shuffled order                                                      | Lee                                              | 332         |

| <i>Package</i>     | <i>Caption</i>                                                                    | <i>Author</i>                                    | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| gammass            | Template for the GAMM Archive for Students                                        | GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr | 238         |
| gandhi             | Gandhi Serif and Sans fonts, with $\LaTeX$ support                                | Tennent                                          | 516         |
| gapfill            | Generate $\LaTeX$ picture environments from PostScript output of drawing programs | Möller                                           | 373         |
| garamond-libre     | The Garamond Libre font face                                                      | Miller, Tennent                                  | 370         |
| garamond-math      | An OTF math font matching EB Garamond                                             | Zhao, Zeng                                       | 589         |
| garamondx          | ‘Expert’-like extensions to URW Garamond, and maths italic                        | Sharpe                                           | 477         |
| garrigues          | MetaPost macros for the reproduction of Garrigues’ Easter nomogram                | Roegel                                           | 448         |
| GasTeX             | Graphs and Automata Simplified in $\TeX$                                          | Gastin                                           | 239         |
| gatech-thesis      | Georgia Institute of Technology thesis class                                      | Keller, Wilson                                   | 296         |
| gates              | Support for writing modular and customisable code                                 | Isambert, Robbers                                | 283         |
| gatherenum         | A crossover of align* and enumerate                                               | Rivaud                                           | 442         |
| gauss              | A package for Gaussian operations                                                 | Kauers                                           | 295         |
| gb4e-next          | Linguistic tools                                                                  | Munn                                             | 379         |
| gb4e               | Linguistic tools                                                                  | Kolb, Thiersch, Dimitriadis                      | 317         |
| gbrief-creator     | A front end for the gbrief package                                                | Schinke                                          | 464         |
| gbt7714            | BibTeX implementation of China’s bibliography style standard GB/T 7714-2015       | Lee                                              | 332         |
| gcard              | Arrange text on a sheet to fold into a greeting card                              | McBane                                           | 362         |
| gchords            | Typeset guitar chords                                                             | Peeters                                          | 411         |
| gcite              | Citations in a reader-friendly style                                              | Atkinson, Phillips                               | 146         |
| gckanbun           | Kanbun typesetting for (u)pLaTeX and LuaLaTeX                                     | Yamamoto, Unknown                                | 581         |
| gelasio            | LaTeX support for the Gelasio family of fonts                                     | Tennent                                          | 516         |
| gelasiomath        | Math and small cap additions to Gelasio fonts                                     | Sharpe                                           | 477         |
| GELLMU             | LaTeX-like markup for writing XML documents                                       | Hammond                                          | 260         |
| gen                | Genealogy symbols                                                                 | Knuth                                            | 310         |
| gender             | Gender neutrality for languages with grammatical gender                           | Banhardt                                         | 149         |
| gene-logic         | Typeset logic formulae, etc.                                                      | Neugebauer                                       | 384         |
| genealogy-profiles | Genealogical profiles for $\LaTeX$                                                | Eriksen                                          | 218         |
| genealogy          | A compilation genealogy font                                                      | Roegel                                           | 448         |
| genealogytree      | Pedigree and genealogical tree diagrams                                           | Sturm                                            | 501         |
| genfam             | Run Metafont to produce the bitmap fonts                                          | Schrod                                           | 470         |
| genindex           | Alternative index series                                                          | Smith                                            | 485         |
| genmpage           | Generalization of $\LaTeX$ ’s minipages                                           | Lotze                                            | 345         |
| gensymb            | Generic symbols for both text and math mode                                       | Schmidt, Harcombe                                | 466         |
| gentabtex          | Python helper for creating tables                                                 | Algaba                                           | 139         |
| gentium-original   | Gentium font and support files                                                    | Schmitz, Miklavec                                | 467         |
| gentium-otf        | Support Gentium fonts for LuaLaTeX and Xe $\LaTeX$                                | Voß                                              | 556         |
| gentium-sil        | A complete Greek font with Latin and Cyrillic, too                                | SIL International                                | 483         |
| gentium-tug        | Gentium fonts (in two formats) and support files                                  | Berry, Miklavec, Farar, Schmitz                  | 160         |
| gentl-gr           | Modern Greek translation of the Gentle Introduction to $\TeX$                     | Filippou                                         | 226         |
| gentle             | A Gentle Introduction to $\TeX$                                                   | Doob                                             | 207         |
| gentombow          | Generate Japanese-style crop marks                                                | Yamashita                                        | 581         |
| geometry-de        | German documentation for the geometry package                                     | Umeki                                            | 531         |
| geometry           | Flexible and complete interface to document dimensions                            | Umeki, Carlisle                                  | 531         |
| geomsty            | Macros used in typesetting a geometry book                                        | Levy                                             | 336         |
| geophysics         | Articles for the journal Geophysics                                               | Gildea                                           | 242         |
| georgian-stanier   | A Georgian font                                                                   | Stanier                                          | 492         |
| georgian           | Support for typesetting in Georgian                                               | Shoshiashvili                                    | 481         |
| geradwp            | Document class for the Cahiers du GERAD series                                    | Hamel                                            | 260         |
| german             | Support for German typography                                                     | Raichle                                          | 434         |
| germbib            | German variants of standard BibTeX styles                                         | Harders                                          | 263         |

| <i>Package</i>     | <i>Caption</i>                                                                      | <i>Author</i>                                                   | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------|
| germdoc            | A collection of documentation available in German                                   | Unknown                                                         | 535         |
| germkorr           | Change kerning for German quotation marks                                           | Baumann                                                         | 152         |
| geschichtsfkrl     | BibLaTeX style for historians                                                       | Zachhuber                                                       | 586         |
| getargs            | A flexible list-parsing macro with configurable parsing character                   | Segletes                                                        | 474         |
| getfiledate        | Find the date of last modification of a file                                        | Musa                                                            | 381         |
| getitems           | Gathering items from a list-like environment                                        | Hendrickson                                                     | 269         |
| getmap             | Download OpenStreetMap maps for use in documents                                    | Kleber                                                          | 304         |
| getoptk            | Define macros with sophisticated options                                            | Le Barbier Grünewald                                            | 255         |
| getrefs            | BibTeX style to sort by “journal” entries of references                             | Deutscher                                                       | 205         |
| getttitlestring    | Clean up title references                                                           | Oberdiek                                                        | 394         |
| gfdl               | Support for using GNU Free Documentation License in L <sup>A</sup> T <sub>E</sub> X | Unknown                                                         | 535         |
| gfnotation         | Typeset Gottlob Frege’s notation in plain T <sub>E</sub> X                          | Wermuth                                                         | 568         |
| GFS                | The GFS font collection                                                             | Tsolomitis, Matthiopoulos,<br>The Greek Font Society            | 529         |
| GFS Artemisia      | A modern Greek font design                                                          | Tsolomitis, Matthiopoulos,<br>The Greek Font Society            | 529         |
| GFS Baskerville    | A Greek font, from one such by Baskerville                                          | Tsolomitis, The Greek Font<br>Society                           | 529         |
| GFS Bodoni         | A Greek and Latin font based on Bodoni                                              | Tsolomitis, The Greek Font<br>Society                           | 529         |
| GFS Complutum      | A Greek font with a long history                                                    | Tsolomitis, Matthiopoulos                                       | 529         |
| GFSDidot           | A Greek font based on Didot’s work                                                  | Tsolomitis, Aubord,<br>Matthiopoulos, The Greek<br>Font Society | 529         |
| GFSDidotClassic    | The classic version of GFSDidot                                                     | Tsolomitis                                                      | 528         |
| GFS NeoHellenic    | A font in the Neo-Hellenic style                                                    | Tsolomitis, The Greek Font<br>Society                           | 529         |
| GFSNeohellenicMath | A math font in the Neo-Hellenic style                                               | Tsolomitis                                                      | 528         |
| GFS Porson         | A Greek font, originally from Porson                                                | Tsolomitis, The Greek Font<br>Society                           | 529         |
| GFS Solomos        | A Greek-alphabet font                                                               | Tsolomitis                                                      | 528         |
| ghab               | Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X                               | Khalighi, bidi-tex GitHub<br>Organisation                       | 299         |
| ghostscript        | Freely available PostScript interpreter                                             | Deutsch                                                         | 204         |
| ghsystem           | Globally harmonised system of chemical (etc) naming                                 | Niederberger                                                    | 387         |
| gillcm             | Alternative unslanted italic Computer Modern fonts                                  | Veytsman                                                        | 550         |
| gillius            | Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support                          | Tennent                                                         | 516         |
| gincitex           | Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)      | Scharrer                                                        | 462         |
| gindex             | Formatting indexes                                                                  | Bezos López                                                     | 341         |
| ginpenc            | Modification of inputenc for German                                                 | Harders                                                         | 263         |
| git-latexdiff      | Call latexdiff on two Git revisions of a file                                       | Moy                                                             | 376         |
| gitfile-info       | Get git metadata for a specific file                                                | Hilbig                                                          | 273         |
| gitinfo-lua        | Display git project information in your L <sup>A</sup> T <sub>E</sub> X projects    | Nijenhuis                                                       | 389         |
| gitinfo            | Access metadata from the git distributed version control system                     | Longborough, L <sup>A</sup> T <sub>E</sub> X Team               | 340         |
| gitinfo2           | Access metadata from the git distributed version control system                     | Longborough, L <sup>A</sup> T <sub>E</sub> X Team               | 340         |
| gitlog             | Typesetting git changelogs                                                          | Longborough, L <sup>A</sup> T <sub>E</sub> X Team               | 340         |
| gitstatus          | Include Git information in the document as watermark or via variables               | Gruber                                                          | 255         |
| gitver             | Get the current git hash of a project and typeset it in the document                | Baynham                                                         | 152         |
| gkpmac             | The macros used in “Concrete Mathematics”                                           | Knuth                                                           | 310         |
| gl-tree            | Linguistic trees with a preprocessor                                                | Lee                                                             | 331         |
| GladTeX            | LaTeX equations in HTML                                                             | Gulbrandsen, Humenda                                            | 256         |
| gleitobjekte       | Tutorial from a DANTE meeting in November 1997                                      | Reichert                                                        | 439         |
| glhyph             | Hyphenation patterns for Galician                                                   | Música de Rivera                                                | 442         |
| globalvals         | Declare global variables                                                            | Baynham                                                         | 152         |
| glonti             | Virtual fonts for T2A-encoded fonts                                                 | Glonti                                                          | 244         |

| <i>Package</i>     | <i>Caption</i>                                                                   | <i>Author</i>                                     | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------|---------------------------------------------------|-------------|
| glosmathtools      | Mathematical nomenclature tools based on the glossaries package                  | Gagnon                                            | 238         |
| gloss-occitan      | Polyglossia support for Occitan                                                  | Valmary                                           | 545         |
| gloss              | Create glossaries using BibTeX                                                   | de Arriba, Bezos López                            | 142         |
| glossaries-accsupp | Accessibility support for glossaries                                             | Talbot                                            | 509         |
| glossaries-danish  | Danish language module for glossaries package                                    | Talbot                                            | 509         |
| glossaries-dutch   | Dutch language module for glossaries package                                     | Talbot                                            | 509         |
| glossaries-english | English language module for glossaries package                                   | Talbot                                            | 509         |
| glossaries-esto... | Estonian language module for glossaries package                                  | Kankainen                                         | 294         |
| glossaries-extra   | An extension to the glossaries package                                           | Talbot                                            | 509         |
| glossaries-finnish | Finnish language module for glossaries package                                   | Välimäki                                          | 545         |
| glossaries-french  | French language module for glossaries package                                    | Talbot, Bitouzé, Belaïche                         | 511         |
| glossaries-german  | German language module for glossaries package                                    | Talbot                                            | 509         |
| glossaries-irish   | Irish language module for glossaries package                                     | Talbot                                            | 509         |
| glossaries-italian | Italian language module for glossaries package                                   | Talbot                                            | 509         |
| glossaries-magyar  | Magyar language module for glossaries package                                    | Talbot                                            | 509         |
| glossaries-norsk   | Norsk Bokmål language module for the glossaries Package                          | Stendahl                                          | 494         |
| glossaries-nynorsk | Nynorsk language module for the glossaries package                               | Haustrveit                                        | 265         |
| glossaries-polish  | Polish language module for glossaries package                                    | Talbot                                            | 509         |
| glossaries-port... | Portuguese language module for glossaries package                                | Talbot                                            | 510         |
| glossaries-serbian | Serbian language module for glossaries package                                   | Talbot                                            | 510         |
| glossaries-slovene | Slovene language module for glossaries package                                   | Bačić                                             | 147         |
| glossaries-spanish | Spanish language module for glossaries package                                   | Talbot                                            | 510         |
| glossaries-swedish | Swedish language module for glossaries package                                   | Nyqvist                                           | 392         |
| glossaries-ukra... | Ukrainian language module for glossaries package                                 | Veytsman                                          | 550         |
| glossaries         | Create glossaries and lists of acronyms                                          | Talbot                                            | 509         |
| glossary           | Create a glossary                                                                | Talbot                                            | 510         |
| glostex            | Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X                            | Yavuz                                             | 585         |
| glotex             | A glossary processor                                                             | Aurbach, Hantelmann, Iani-<br>gro                 | 146         |
| gmdoc-enhance      | Some enhancements to the gmdoc package                                           | Ebermann                                          | 213         |
| gmdoc              | Documentation of L <sup>A</sup> T <sub>E</sub> X packages                        | Murzynowski                                       | 380         |
| gmeometric         | Change page size wherever it's safe                                              | Murzynowski                                       | 380         |
| gmiflink           | Simplify usage of \hypertarget and \hyperlink                                    | Murzynowski                                       | 380         |
| gmp                | Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X | Gregorio                                          | 253         |
| gmutils            | Support macros for other packages                                                | Murzynowski                                       | 380         |
| gmverb             | A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb        | Murzynowski                                       | 380         |
| gmverse            | A package for typesetting (short) poems                                          | Murzynowski                                       | 380         |
| gnu-freefont       | A Unicode font, with rather wide coverage                                        | White                                             | 569         |
| gnuplot            | General purpose plotting program                                                 | Hecking, Williams, Kelley                         | 266         |
| gnuplottex         | Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents              | Kotthoff                                          | 319         |
| go-make            | A make variant for L <sup>A</sup> T <sub>E</sub> X documents                     | Musliner                                          | 382         |
| go                 | Fonts and macros for typesetting go games                                        | Kołodziejska                                      | 317         |
| gobble             | More gobble macros for PlainTeX and L <sup>A</sup> T <sub>E</sub> X              | Scharrer                                          | 462         |
| goblin             | Tolkien's goblin alphabet                                                        | Stanier                                           | 492         |
| gofonts            | GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support             | Tennent                                           | 516         |
| gost               | BibTeX styles to format according to GOST                                        | Polyakov, Kotelnikov                              | 422         |
| gothic             | A collection of old German-style fonts                                           | Haralambous, Schrell,<br>Ludewig, Bronger, Taupin | 262         |
| gotoh              | An implementation of the Gotoh sequence alignment algorithm                      | Asakura                                           | 145         |
| gpdata             | Cause MetaPost graph package to ignore '#'-comments                              | Vieth                                             | 552         |
| gplot              | CGM-based graphics support                                                       | Andrews                                           | 141         |
| grabbox            | Read an argument into a box and execute the code afterwards                      | Spratte                                           | 491         |
| gradback           | Gradient backgrounds for dvips output                                            | Pedersen                                          | 411         |
| gradient-text      | Decorate text with linear gradient colors                                        | Du                                                | 210         |
| gradientframe      | Simple gradient frames around objects                                            | Raue                                              | 436         |

| <i>Package</i>     | <i>Caption</i>                                                      | <i>Author</i>               | <i>Page</i> |
|--------------------|---------------------------------------------------------------------|-----------------------------|-------------|
| grading-scheme     | Typeset grading schemes in tabular format                           | Keßler                      | 297         |
| gradstudentresume  | A generic template for graduate student resumes                     | Kumar                       | 324         |
| grafcet            | Draw Grafcet/SFC with TikZ                                          | Papanicola                  | 408         |
| grafik             | EPS graphics under Windows                                          | Dübendorfer                 | 210         |
| grant              | Classes for formatting federal grant proposals                      | Karr                        | 295         |
| graph35            | Draw keys and screen items of several Casio calculators             | Paternault                  | 410         |
| GraphBase          | A platform for combinatorial algorithms                             | Knuth                       | 310         |
| graphbox           | Extend graphicx to improve placement of graphics                    | Beisert                     | 157         |
| GraphConv          | Convert graph files to PSTricks                                     | Chicoine                    | 190         |
| grapher            | Create graphs, state machine and data flow diagrams                 | Algaba                      | 139         |
| graphfig           | Simpler graphic, subfigure and float                                | Bosisio                     | 167         |
| graphicp           | An enhanced version of graphics                                     | Szabó                       | 506         |
| graphics-cfg       | Sample configuration files for $\LaTeX$ color and graphics          | $\LaTeX$ Team               | 426         |
| graphics-def       | Colour and graphics option files                                    | $\LaTeX$ Team, Wright       | 430         |
| graphics-pln       | LaTeX-style graphics for Plain $\TeX$ users                         | Carlisle                    | 180         |
| graphics           | Standard $\LaTeX$ graphics                                          | Carlisle, $\LaTeX$ Team     | 183         |
| graphicscache      | Cache includegraphics calls                                         | Schwarz                     | 473         |
| graphicx-psmin     | Reduce size of PostScript files by not repeating images             | Adriaens                    | 137         |
| graphicx           | Enhanced support for graphics                                       | Carlisle, $\LaTeX$ Team     | 183         |
| graphicxbox        | Insert a graphical image as a background                            | Story                       | 498         |
| graphicxpsd        | Adobe Photoshop Data format (PSD) support for graphicx package      | Yamamoto                    | 581         |
| GraphicxSP         | An extension of the graphicx package                                | Story                       | 498         |
| graphpap           | For producing graph paper                                           | Lamport, $\LaTeX$ Team      | 328         |
| graphpaper         | A $\LaTeX$ class to generate several types of graph papers          | Biccari, Beccari            | 161         |
| GraphTeX           | Graphs theory and related diagrams in a $\TeX$ document             | Pliam                       | 421         |
| graphviz           | Write graphviz (dot+neato) inline in $\LaTeX$ documents             | Rayside                     | 436         |
| Gratzer-Color-S... | Colors definitions, theorems, corollaries, lemmas, and propositions | Grätzer                     | 251         |
| gray               | Fonts for gray-scales                                               | Knuth                       | 310         |
| grayhints          | Produce ‘gray hints’ to a variable text field                       | Story                       | 498         |
| grchyp             | Hyphenation for classical Greek, under XeTeX                        | Codet                       | 193         |
| greek-fontenc      | LICR macros and encoding definition files for Greek                 | Milde                       | 368         |
| greek-inputenc     | Greek encoding support for inputenc                                 | Syropoulos, Filippou, Milde | 505         |
| greek-makeindex    | Makeindex working with Greek                                        | Syropoulos                  | 504         |
| greek4cbc          | A Greek font from 394BC                                             | Wilson                      | 572         |
| greek6cbc          | A Greek font from the sixth century BC                              | Wilson                      | 572         |
| greekctr           | Represent counters by letters of the Greek alphabet                 | Knappen                     | 308         |
| greekdates         | Provides ancient Greek day and month names, dates, etc.             | Tsolomitis                  | 528         |
| greekinfo3         | Overview of systems, packages, and fonts for Greek $\TeX$           | Dimakos, Filippou           | 206         |
| greetex-fd         | LaTeX font definition files for GreekTeX                            | Brodnik                     | 171         |
| greetex            | Fonts for typesetting Greek/English documents                       | Moschovakis, Sfyraakis      | 376         |
| greetonoi          | Facilitates writing/editing of multiaccented greek                  | Cornaros                    | 196         |
| greenpoint         | The Green Point logo                                                | Triska                      | 528         |
| gregoriotex        | Engraving Gregorian Chant scores                                    | Roux, So, Springuel         | 454         |
| grfext             | Manipulate the graphics package’s list of extensions                | Oberdiek                    | 394         |
| grffile            | Extended file name support for graphics (legacy package)            | Oberdiek                    | 394         |
| grfguide           | LaTeX standard graphics and color packages documentation            | Carlisle                    | 180         |
| grfpaste           | Include fragments of a dvi file                                     | Carlisle                    | 180         |
| grid-system        | Page organisation, modelled on CSS facilities                       | Bitzl                       | 162         |
| grid               | Grid typesetting in $\LaTeX$                                        | River Valley Technologies   | 442         |
| gridpapers         | Graph paper backgrounds and color schemes                           | McNees, Stein               | 364         |
| gridset            | Grid, a.k.a. in-register, setting                                   | Kohm                        | 314         |
| gridslides         | Free form slides with blocks placed on a grid                       | Mendler                     | 366         |
| grkfst             | Install Greek Type 1 fonts                                          | Kryukov                     | 322         |
| grnumalt           | Ancient Greek (Athenian) numbers                                    | Syropoulos                  | 504         |
| grtimes            | Typeset Greek text with Times New Roman Greek                       | Syropoulos                  | 504         |



| <i>Package</i>     | <i>Caption</i>                                                                             | <i>Author</i>                       | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------|-------------------------------------|-------------|
| grundgesetze       | Typeset Frege's Grundgesetze der Arithmetik                                                | Rossberg                            | 452         |
| grverb             | Typesetting Greek verbatim                                                                 | Syropoulos                          | 504         |
| GS1                | Typeset EAN barcodes using $\TeX$ rules, only                                              | Kohm                                | 314         |
| gsesthesis         | Geneva School of Economics and Management PhD thesis format                                | Rousseaux                           | 454         |
| gsftopk            | Convert "Ghostscript fonts" to PK files                                                    | Vojta                               | 554         |
| gsview             | View PostScript under MS-Windows or OS/2                                                   | Lang                                | 328         |
| gtex-letter        | A Gnome assistant to ease the writing of $\LaTeX$ letters                                  | Folini                              | 231         |
| gtl                | Manipulating generalized token lists                                                       | Le Floch                            | 229         |
| gtrcrd             | Add chords to lyrics                                                                       | Bresciani                           | 171         |
| gtrlib.targetrees  | Library for genealogytree aiming at large trees                                            | Grewé                               | 254         |
| gu                 | Typeset crystallographic group-subgroup-schemes                                            | Lange                               | 329         |
| guarani            | Guarani support                                                                            | Bezós López                         | 341         |
| gudea              | The Gudea font face with support for $\LaTeX$ and pdfLaTeX                                 | Ebinger                             | 213         |
| guia-bibtex        | Guia casi completa de BibTeX                                                               | López                               | 344         |
| guide-latex-fr     | A french guide on $\LaTeX$ – for beginners or advanced users                               | Bouzigues                           | 168         |
| GuIT-corso         | Introduzione al mondo di $\LaTeX$                                                          | Himmelmänn, Vavassori,<br>Busdraghi | 273         |
| guitar             | Guitar chords and song texts                                                               | Väth                                | 546         |
| guitarchordschemes | Guitar Chord and Scale Tablatures                                                          | Niederberger                        | 387         |
| guitartabs         | A class for drawing guitar tablatures easily                                               | Babushkin                           | 147         |
| GuITbeamer         | Beamer-based class for GuIT presentations                                                  | Vavassori                           | 546         |
| GuITlogo           | Macros for typesetting the GuIT logo                                                       | Vicentini                           | 552         |
| gurmukhi-singh     | Support for Gurmukhi in $\TeX$                                                             | Singh                               | 484         |
| gurmukhi           | Support for Gurmukhi                                                                       | Pandey                              | 407         |
| gurps              | Typeset Generic Universal Role Playing System (GURPS) materials                            | Farley                              | 223         |
| GUtenberg          | French $\TeX$ Users Group information                                                      | Just                                | 292         |
| gv-savepos         | A patch to gv to save positions                                                            | Thành                               | 519         |
| gv                 | An X front end for Ghostscript                                                             | Marchesi                            | 356         |
| gzt                | Bundle of classes for "La Gazette des Mathématiciens"                                      | Bitouzé                             | 162         |
| <b>HHHHH</b>       |                                                                                            |                                     |             |
| h2020proposal      | LaTeX class and template for EU H2020 RIA proposal                                         | Indiveri                            | 283         |
| ha-prosper         | Patches and improvements for prosper                                                       | Adriaens                            | 137         |
| hackalloc          | Make allocations local                                                                     | Unknown                             | 535         |
| hackthefootline    | Footline selection and configuration for $\LaTeX$ beamer's standard themes                 | Friedl                              | 234         |
| hacm               | Font support for the Arka language                                                         | Miyatani                            | 373         |
| hagenberg-thesis   | Collection of $\LaTeX$ classes, style files and example documents for academic manuscripts | Burger, Hochleitner                 | 175         |
| halftone           | Knuth's halftone font and its uses                                                         | Clark, Knuth                        | 192         |
| halloweenmath      | Scary and creepy math symbols with AMS-LaTeX integration                                   | Mezzetti                            | 367         |
| hamnosys           | A font for sign languages                                                                  | Schulder, Hanke                     | 471         |
| handin             | Light weight template for creating school submissions using $\LaTeX$                       | Storvik Strauman                    | 500         |
| handout            | Create handout for auditors of a talk                                                      | Rouquette                           | 453         |
| handoutWithNotes   | Create Handouts with notes from your $\LaTeX$ beamer presentation                          | Diepen, Peischl                     | 205         |
| hands              | Pointing hand font                                                                         | Tobin, Powroz                       | 525         |
| hang               | Environments for hanging paragraphs and list items                                         | Nolda                               | 390         |
| hangcaption        | Hanging layout for captions                                                                | Jones                               | 290         |
| hanging            | Hanging paragraphs                                                                         | Robertson, Wilson                   | 446         |
| hanoi              | Tower of Hanoi in $\TeX$                                                                   | Blackmore                           | 162         |
| hanzibox           | Boxed Chinese characters with Pinyin above and translation below                           | Geng                                | 240         |
| happy4th           | A firework display in obfuscated $\TeX$                                                    | Blackmore                           | 162         |
| har2nat            | Replace the harvard package with natbib                                                    | Straathof                           | 499         |
| haranoaji-extra    | Harano Aji Fonts                                                                           | Hosoda                              | 279         |
| haranoaji          | Harano Aji Fonts                                                                           | Hosoda                              | 279         |
| hardwrap           | Hard wrap text to a certain character length                                               | Robertson, Godby                    | 444         |

| <i>Package</i>     | <i>Caption</i>                                                                    | <i>Author</i>          | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------|------------------------|-------------|
| harmony            | Typeset harmony symbols, etc., for musicology                                     | Wegner, Wegner         | 567         |
| harnon-cv          | A CV document class with a vertical timeline for experience                       | Hart                   | 265         |
| harpoon            | Extra harpoons, using the graphics package                                        | Kuipers                | 324         |
| harvard-obsolete   | The Harvard bibliography style family                                             | Williams               | 571         |
| harvard            | Harvard citation package for use with $\LaTeX$ 2e                                 | Williams, Schnier      | 571         |
| harveyballs        | Create Harvey Balls using TikZ                                                    | Roth                   | 452         |
| harvmac            | Macros for scientific articles                                                    | Ginsparg               | 243         |
| hatching           | MetaPost macros for hatching interior of closed paths                             | Jackowski              | 284         |
| hausarbeit-jura    | Class for writing “juristische Hausarbeiten” at German Universities               | Sievers                | 482         |
| havannah           | Diagrams of board positions in the games of Havannah and Hex                      | Ciura                  | 192         |
| hcbundle           | Replacement for the $\LaTeX$ classes                                              | Siefkes                | 482         |
| hduThesis          | LaTeX class for bachelor and MPhil theses in Hangzhou Dianzi University           | Xia                    | 579         |
| he-le-na           | Support for Serbian typesetting                                                   | Filipović              | 225         |
| he-she             | Alternating pronouns to aid gender-neutral writing                                | Munn                   | 379         |
| headerfooter       | Define the layouts of page headers and footers                                    | Gildea                 | 242         |
| Hebdomon           | A document class for report writing in university settings                        | McGuiness              | 363         |
| hebrew-fonts       | Input encodings, font encodings and font definition files for Hebrew              | Fogiel                 | 231         |
| hebtex             | Support for Hebrew and other right-to-left languages                              | Porrat                 | 423         |
| hecthes            | A class for dissertations and theses at HEC Montréal                              | Hamel                  | 260         |
| hellas             | Typeset bibliographies which include Greek                                        | Syropoulos             | 504         |
| helmholtz-ellis... | Beautiful in-line microtonal just intonation accidentals                          | Nicholson              | 385         |
| helvet             | Load Helvetica, scaled                                                            | Schmidt, $\LaTeX$ Team | 467         |
| hep-acronym        | An acronym extension for glossaries                                               | Hajer                  | 259         |
| hep-bibliography   | An acronym extension for glossaries                                               | Hajer                  | 259         |
| hep-float          | Convenience package for float placement                                           | Hajer                  | 259         |
| hep-font           | Latin modern extended by computer modern                                          | Hajer                  | 259         |
| hep-gen            | Generic macros for quantum physics                                                | Unknown                | 535         |
| hep-graphic        | Extensions for graphics, plots and feynman graphs in high energy physics          | Hajer                  | 259         |
| hep-math-font      | Extended Greek and sans-serif math                                                | Hajer                  | 259         |
| hep-math           | Extended math macros                                                              | Hajer                  | 259         |
| hep-paper          | Publications in High Energy Physics                                               | Hajer                  | 259         |
| hep-reference      | Adjustments for publications in High Energy Physics                               | Hajer                  | 259         |
| hep-text           | List and text extensions                                                          | Hajer                  | 259         |
| hep-title          | Extensions for the title page                                                     | Hajer                  | 259         |
| hep                | A “convenience wrapper” for High Energy Physics packages                          | Buckley                | 173         |
| hepnames           | Pre-defined high energy particle names                                            | Buckley                | 173         |
| HEPparticles       | Macros for typesetting high energy physics particle names                         | Buckley                | 173         |
| hepthesis          | A class for academic reports, especially PhD theses                               | Buckley                | 173         |
| Hepunits           | A set of units useful in high energy physics applications                         | Buckley                | 173         |
| here               | Emulation of obsolete package for “here” floats                                   | Berry                  | 160         |
| hereapplies        | A $\LaTeX$ package for referencing groups of pages that share something in common | Unknown                | 536         |
| heria              | A $\LaTeX$ class for Horizon Europe RIA and IA grant proposals                    | Miller                 | 370         |
| heros-otf          | Using the OpenType fonts $\TeX$ Gyre Heros>                                       | Voß                    | 556         |
| hershey-mp         | MetaPost support for the Hershey font file format                                 | Renkema                | 440         |
| hershey            | Experiments with the Hershey fonts                                                | Yap                    | 582         |
| heuristica         | Fonts extending Utopia, with $\LaTeX$ support files                               | Sharpe                 | 477         |
| hex                | Print a counter in hexadecimal                                                    | Domenjoud              | 206         |
| hexboard           | For drawing Hex boards and games                                                  | Rowlett, Sangwin       | 455         |
| hexdump            | Read and typeset ASCII hexdump files                                              | Hillebrand             | 273         |
| hexgame            | Provide an environment to draw a hexgame-board                                    | Brouwer                | 172         |
| hf-tikz            | A simple way to highlight formulas and formula parts                              | Fiandrino              | 225         |
| hfbright           | The hfbright fonts                                                                | Harders                | 263         |

| <i>Package</i>     | <i>Caption</i>                                                       | <i>Author</i>                          | <i>Page</i> |
|--------------------|----------------------------------------------------------------------|----------------------------------------|-------------|
| hfoldsty           | Old style numerals with EC fonts                                     | Harders                                | 263         |
| HFUTExam           | Exam class for Hefei University of Technology (China)                | Zhang                                  | 589         |
| hfutthesis         | LaTeX Thesis Template for Hefei University of Technology             | Yin                                    | 585         |
| hge                | An “Old English” font                                                | Unknown                                | 536         |
| hhline             | Better horizontal lines in tabulars and arrays                       | Carlisle                               | 180         |
| hhtensor           | Print vectors, matrices, and tensors                                 | Harders                                | 263         |
| hideanswer         | Generate documents with and without answers by toggling a switch     | Kusakabe                               | 325         |
| hideproofs         | Defines a starred proof environment that hides proofs in draft mode  | Wintz                                  | 575         |
| hieroglf           | The “poor man’s” Egyptian Hieroglyphic font                          | Wilson                                 | 572         |
| hieroglyph         | Hieroglyph fonts and other support                                   | Rosmorduc                              | 452         |
| highlight          | Converts source code to syntax highlighted $\TeX$ or $\LaTeX$        | Simon                                  | 483         |
| highlightlatex     | Syntax highlighting for $\LaTeX$                                     | Kuhlmann                               | 322         |
| highlightx         | Highlight formulas or paragraphs                                     | Pierquet                               | 416         |
| hilowres           | Support high and low resolution versions of same picture             | Gerell                                 | 240         |
| hindawi-latex-t... | A $\LaTeX$ template for authors of the Hindawi journals              | Kumar                                  | 324         |
| hindmadurai        | The HindMadurai font face with support for $\LaTeX$ and pdfLaTeX     | Ebinger                                | 213         |
| histogr            | Draw histograms with the $\LaTeX$ picture environment                | Schöpf                                 | 469         |
| historische-zei... | BibLaTeX style for the journal ‘Historische Zeitschrift’             | Waßenhoven                             | 566         |
| histyle            | A “HighStyle” environment for $\TeX$                                 | Unknown                                | 536         |
| hitec              | Class for documentation                                              | Billauer                               | 162         |
| hitex-def          | Support files for HiTeX                                              | Ruckert                                | 457         |
| hitex              | A $\TeX$ extension writing HINT output for on-screen reading         | Ruckert                                | 457         |
| hithesis           | Harbin Institute of Technology Thesis Template                       | Yanshuo                                | 582         |
| hitreport          | Harbin Institute of Technology Report $\LaTeX$ Template              | Sun                                    | 501         |
| hitszbeamer        | A beamer theme for Harbin Institute of Technology, ShenZhen          | Yang                                   | 582         |
| HITSZThesis        | A dissertation template for Harbin Institute of Technology, ShenZhen | Yang                                   | 582         |
| HitType            | Typesetting Hittite cuneiform                                        | Walls                                  | 564         |
| hktex              | A $\TeX$ /LaTeX equivalent for Android                               | Tse                                    | 528         |
| HLaTeX fonts       | A collection of Korean (Hangul) fonts                                | Un                                     | 531         |
| hlatex             | Support for the Korean language                                      | Un                                     | 531         |
| hletter            | Flexible letter typesetting with flexible page headings              | Housley                                | 279         |
| hlist              | Horizontal and columned lists                                        | Tellechea                              | 514         |
| hmtrump            | Describe card games                                                  | Hitomi                                 | 273         |
| hobby              | An implementation of Hobby’s algorithm for PGF/TikZ                  | Stacey                                 | 491         |
| hobete             | Unofficial beamer theme for the University of Hohenheim              | Görlach                                | 248         |
| hobsub             | Construct package bundles                                            | Oberdiek                               | 394         |
| hoffset-voffset    | Calculate values for $\backslash$ hoffset and $\backslash$ voffset   | Zabelin                                | 585         |
| hologo             | A collection of logos with bookmark support                          | Oberdiek                               | 394         |
| holtpolt           | Typeset Maxwell’s non-commutative division                           | Knappen                                | 308         |
| holtxdoc           | Documentation macros for oberdiek bundle, etc.                       | Oberdiek                               | 394         |
| homework           | A $\LaTeX$ class for writing your homework                           | XU                                     | 580         |
| hook-pre-commit... | Pre-commit git hook for $\LaTeX$ package developers                  | Rouquette                              | 453         |
| hopatch            | Load patches for packages                                            | Oberdiek                               | 394         |
| horoscop           | Generate astrological charts in $\LaTeX$                             | Skala                                  | 485         |
| HPtfm2pl           | Create $\TeX$ PL files from HP AutoFont Support                      | Walsh                                  | 564         |
| hp2xx              | HP GL converter                                                      | Unknown                                | 536         |
| hpgl2ps            | Translate HPGL to PostScript                                         | McCormick                              | 363         |
| hpsdiss            | A dissertation class                                                 | Schmid                                 | 464         |
| href-ul            | Underscored $\LaTeX$ hyperlinks                                      | Bugayenko                              | 174         |
| hrefhide           | Suppress hyper links when printing                                   | Münch                                  | 377         |
| hrhyph             | Croatian hyphenation                                                 | Marinović                              | 357         |
| hrlatex            | LaTeX support for Croatian documents                                 | Maretić                                | 357         |
| hsindex            | An alternative index processor to imakeidx written with Haskell      | Joulin                                 | 292         |
| html2latex         | Convert HTML to $\LaTeX$                                             | Thatcher, Seibert, Torkington, Reimers | 520         |

| <i>Package</i>    | <i>Caption</i>                                                              | <i>Author</i>                                                                               | <i>Page</i> |
|-------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|
| htmlhelp          | HTML translation of VMS help files                                          | Walsh, Greenwade                                                                            | 564         |
| hu-berlin-bundle  | LaTeX classes for the Humboldt-Universität zu Berlin                        | Bossert                                                                                     | 167         |
| huawei            | Template for Huawei documents                                               | Bugayenko                                                                                   | 174         |
| huaz              | Automatic definite articles for Hungarian                                   | Tómacs                                                                                      | 526         |
| huffman           | Drawing binary Huffman trees with MetaPost and META OBJ                     | Chupin                                                                                      | 191         |
| huhyp             | Hyphenation patterns for the Hungarian language                             | Mayer                                                                                       | 362         |
| hulipsum          | Hungarian dummy text (Lórum ipse)                                           | Tómacs                                                                                      | 526         |
| humanbio          | Bibliography style for “Human Biology”                                      | Rogers                                                                                      | 449         |
| humanist          | Humanist manuscript book-hand font                                          | Wilson                                                                                      | 572         |
| humannat          | Bibliography style for “Human Nature” and “American Anthropologist”         | Rogers                                                                                      | 449         |
| huncial           | Fonts based on the half Uncial manuscript book-hand                         | Wilson                                                                                      | 572         |
| hungarian         | New Hungarian hyphenation patterns                                          | Nagy                                                                                        | 382         |
| hustthesis        | Unofficial thesis template for Huazhong University                          | Cheng, HUANG                                                                                | 187         |
| hustvisual        | Visual identity of Huazhong University of Science and Technology            | HUANG                                                                                       | 280         |
| hvarabic          | Macros for RTL typesetting                                                  | Voß                                                                                         | 556         |
| hvdashln          | Horizontal and vertical dashed lines in arrays and tabulars                 | Nakashima                                                                                   | 382         |
| hvextern          | Write and execute external code, and insert the output                      | Voß                                                                                         | 556         |
| hvfloating        | Controlling captions, fullpage and doublepage floats                        | Voß                                                                                         | 556         |
| hvinde            | Support for indexing                                                        | Voß                                                                                         | 556         |
| hvllogos          | Print TeX-related names as logo                                             | Voß                                                                                         | 556         |
| hvmath-fonts      | Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)           | MicroPress                                                                                  | 367         |
| hvmath            | Support for using the Micropress HV-Math fonts (Helvetica Maths)            | Schmidt, Harcombe                                                                           | 466         |
| hvpymntex         | Syntax-Highlighting of program code                                         | Voß                                                                                         | 556         |
| hvqrurl           | Insert a QR code in the margin                                              | Voß                                                                                         | 557         |
| hwemoji           | Unicode emoji support for pdfLaTeX with sequences                           | Unknown                                                                                     | 536         |
| hwkatakana        | Half-width katakana fonts                                                   | Hassenpflug                                                                                 | 265         |
| hyacc-cm          | Hyphenation using 7-bit fonts                                               | Flipo, Siebenmann                                                                           | 229         |
| hybrid-latex      | Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents       | Brewin                                                                                      | 171         |
| hycolor           | Implements colour for packages hyperref and bookmark                        | Oberdiek                                                                                    | 394         |
| hybmsec           | Hypertext bookmarks in sectioning commands                                  | Oberdiek                                                                                    | 394         |
| hyccap            | Adjusting the anchors of captions                                           | Oberdiek                                                                                    | 394         |
| hydestopt         | Hyperref destination optimizer                                              | Oberdiek                                                                                    | 394         |
| hydoc             | Hyper extensions for doc.sty                                                | Oberdiek                                                                                    | 395         |
| hydvips           | Hyperref extensions for use with dvips                                      | Niedrist                                                                                    | 388         |
| hyper             | Hypertext cross referencing                                                 | Mehlich                                                                                     | 366         |
| hyperbar          | Add interactive Barcode fields to PDF forms                                 | Krüger                                                                                      | 321         |
| hyperlatex        | A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML | Cheong, Sgouros                                                                             | 187         |
| hypernat          | Allow hyperref and natbib to work together                                  | Berger                                                                                      | 159         |
| hyperref          | Extensive support for hypertext in L <sup>A</sup> T <sub>E</sub> X          | Oberdiek, Rahtz, Oberdiek<br>Package Support Group,<br>L <sup>A</sup> T <sub>E</sub> X Team | 399         |
| hyperxmp          | Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document        | Pakin                                                                                       | 406         |
| hypgotoe          | Links to embedded files                                                     | Oberdiek                                                                                    | 395         |
| hyph-utf8         | Hyphenation patterns expressed in UTF-8                                     | Miklavec, Rosendahl,<br>Pégourié-Gonnard, Roux,<br>Hosny                                    | 368         |
| hyphen-accent     | LaTeX 2.09 code for using DC fonts                                          | Taupin                                                                                      | 513         |
| hyphen-spanish    | Standard hyphenation rules for Spanish                                      | Bezos López, Carmona                                                                        | 344         |
| hyphenat          | Disable/enable hyphenation                                                  | Robertson, Wilson                                                                           | 446         |
| hyphenation-greek | Hyphenation patterns for ancient and modern Greek                           | Filippou                                                                                    | 226         |
| hyphenex          | US English hyphenation exceptions file                                      | Lemberg, Beeton, Berry                                                                      | 335         |
| hyphsubst         | Substitute hyphenation patterns                                             | Oberdiek                                                                                    | 395         |
| hyph1             | Additional hyphenation patterns                                             | Raichle                                                                                     | 434         |

| <i>Package</i> | <i>Caption</i>                                                                             | <i>Author</i>                     | <i>Page</i> |
|----------------|--------------------------------------------------------------------------------------------|-----------------------------------|-------------|
| HyPlain        | Basic support for multiple languages in Plain $\TeX$                                       | Gregorio                          | 253         |
| <b>IIII</b>    |                                                                                            |                                   |             |
| i-ching        | An i-ching package                                                                         | Bzyl                              | 178         |
| iagproc        | Class for two column IAG Proceedings articles                                              | Vermeer                           | 548         |
| iahypen        | Hyphenation patterns for Interlingua                                                       | Kleiweg                           | 307         |
| iaria-lite     | Write documents for the IARIA publications                                                 | Neumann                           | 385         |
| iaria          | Write documents for the IARIA publications                                                 | Neumann                           | 385         |
| ibarra         | LaTeX support for the Ibarra Real Nova family of fonts                                     | Tennent                           | 516         |
| ibm            | Metrics for IBM fonts                                                                      | Rahtz                             | 433         |
| ibmres-tex     | A semi-automated approach to the production of resumes                                     | Leeman                            | 333         |
| ibrackets      | Intelligent brackets                                                                       | Missier                           | 371         |
| ibycus-babel   | Use the Ibycus 4 Greek font with Babel                                                     | Heslin                            | 272         |
| ibyrk          | Fonts and macros to typeset ancient Greek                                                  | Schmidt, Harcombe,<br>MacKay      | 466         |
| icehyph        | Icelandic hyphenation patterns                                                             | Pind, Sverrisson                  | 420         |
| icelandic      | Icelandic Fonts                                                                            | Pind                              | 420         |
| iching         | A font for I Ching divinations                                                             | Stanier                           | 492         |
| icite          | Indices locorum citatorum                                                                  | Alessi                            | 138         |
| icomma         | Intelligent commas for decimal numbers                                                     | Schmidt                           | 465         |
| icon-appr      | Creates icon appearances for form buttons                                                  | Story                             | 498         |
| icons          | TeX icons                                                                                  | Carriba, Sendoukas                | 183         |
| icsv           | Class for typesetting articles for the ICSV conference                                     | Robertson                         | 444         |
| idealfonts     | Font and $\LaTeX$ support for Textures users                                               | Gaulle                            | 239         |
| IdeaVault      | Idea (concept) management package                                                          | Czarkowski                        | 198         |
| identkey       | Typesetting bracketed dichotomous identification keys                                      | White                             | 569         |
| idverb         | Inline verbatim identifiers                                                                | Schrod                            | 470         |
| idxcmds        | Semantic commands for adding formatted index entries                                       | Niederberger                      | 387         |
| idxlayout      | Configurable index layout, responsive to KOMA-Script and memoir                            | Titz                              | 525         |
| idxtex         | An index processor                                                                         | Aurbach, Hantelmann, Iani-<br>gro | 146         |
| IEEEannot      | A sorting version of IEEEtran.bst                                                          | Barik, Shell                      | 149         |
| IEEEconf       | Macros for IEEE conference proceedings                                                     | Pakin                             | 406         |
| ieeepes        | IEEE Power Engineering Society Transactions                                                | Kuhlmann                          | 323         |
| IEEEtran       | Document class for IEEE Transactions journals and conferences                              | Shell                             | 479         |
| ieeetrantools  | Functionality for IEEEtran for use with other classes                                      | Shell                             | 480         |
| IEEEJtran      | Unofficial bibliography style file for the Institute of Electrical Engi-<br>neers of Japan | Ejiri                             | 216         |
| ietfbibs       | Generate BibTeX entries for various IETF index files                                       | Mortier                           | 375         |
| iexec          | Execute shell commands and input their output                                              | Bugayenko                         | 174         |
| ifacmtg        | Elsevier Science preprint style for IFAC meetings                                          | Pepping                           | 413         |
| ifallfalse     | Compare a string against a set of other strings                                            | Chen                              | 187         |
| ifdraft        | Detect “draft” and “final” class options                                                   | Oberdiek                          | 395         |
| ifetex         | Provides \ifetex switch                                                                    | $\LaTeX$ Team, Scharrer           | 429         |
| iffont         | Conditionally load fonts with fontspec                                                     | Weiss                             | 568         |
| ifis-macros    | Check if a given input string is a number or dimension for $\TeX$                          | Wermuth                           | 568         |
| iflang         | Expandable checks for the current language                                                 | Oberdiek                          | 395         |
| ifluatex       | Provides the \ifluatex switch                                                              | $\LaTeX$ Team, Oberdiek           | 429         |
| ifmslide       | Presentation slides for screen and printouts                                               | Emmel                             | 217         |
| ifmtarg        | If-then-else command for processing potentially empty arguments                            | Robertson, Wilson                 | 446         |
| ifnextok       | Utility macro: peek ahead without ignoring spaces                                          | Lück                              | 347         |
| ifoddpag       | Determine if the current page is odd or even                                               | Scharrer                          | 462         |
| ifpdf          | Provides the \ifpdf conditional                                                            | $\LaTeX$ Team, Oberdiek           | 429         |
| ifplatform     | Conditionals to test which platform is being used                                          | Robertson, Große                  | 445         |
| ifptex         | Check if the engine is pTeX or one of its derivatives                                      | Yato                              | 584         |
| ifsym          | A collection of symbols                                                                    | Klöckl                            | 307         |



| <i>Package</i>     | <i>Caption</i>                                                                                    | <i>Author</i>                                           | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------|
| iftex              | Am I running under pdfTeX, XeTeX or LuaTeX?                                                       | L <sup>A</sup> T <sub>E</sub> X Team, Khalighi          | 429         |
| ifthen             | Conditional commands in L <sup>A</sup> T <sub>E</sub> X documents                                 | Lamport, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team | 328         |
| ifthenx            | Extra tests for \ifthenelse                                                                       | Jones                                                   | 290         |
| ifvtex             | Detects use of VTeX and its facilities                                                            | L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek          | 429         |
| ifxetex            | Am I running under XeTeX?                                                                         | L <sup>A</sup> T <sub>E</sub> X Team, Robertson         | 429         |
| ifxptex            | Detect pTeX and its derivatives                                                                   | Zhang                                                   | 589         |
| igo                | Fonts and macro to typeset Go diagrams                                                            | Dupuis                                                  | 212         |
| iitem              | Multiple level of lists in one list-like environment                                              | Vitecek                                                 | 553         |
| ijc                | International Journal of Control style                                                            | Balemi                                                  | 148         |
| ijcai89            | Format papers for IJCAI 1989                                                                      | Patel-Schneider                                         | 410         |
| ijmart             | LaTeX Class for the Israel Journal of Mathematics                                                 | Veytsman                                                | 550         |
| ijqc               | BibTeX style file for the Intl. J. Quantum Chem                                                   | Mathar                                                  | 359         |
| ijsra              | LaTeX document class for the International Journal of Student Research in Archaeology             | Bossert                                                 | 167         |
| imac               | International Modal Analysis Conference format                                                    | Slater                                                  | 485         |
| image-gallery      | Create an overview of pictures from a digital camera or from other sources                        | Niepraschk                                              | 388         |
| imakeidx           | A package for producing multiple indexes                                                          | Beccari, Gregorio                                       | 154         |
| Imake-TeX          | An Imake system for T <sub>E</sub> X                                                              | Klute                                                   | 308         |
| imfellEnglish      | IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support                                | Tennent                                                 | 516         |
| imfellflowers      | IM Fell Flower OpenType fonts                                                                     | Tennent                                                 | 516         |
| impatient          | Free edition of the book “TeX for the Impatient”                                                  | Abrahams, Hargreaves, Berry                             | 136         |
| imprnatypo         | Support typography of l’Imprimerie Nationale Française                                            | Pinson                                                  | 420         |
| import             | Establish input relative to a directory                                                           | Arseneau                                                | 143         |
| impose             | PostScript imposition and support utilities                                                       | Grobgeld                                                | 255         |
| imprintmtshadow    | Support files for the Monotype Imprint Shadow fonts                                               | Veytsman                                                | 550         |
| imsproc            | Typeset IMS conference proceedings                                                                | Khalighi, bidi-tex GitHub Organisation                  | 299         |
| IMTEKda            | IMTEK thesis class                                                                                | Dreher                                                  | 209         |
| incgraph           | Sophisticated graphics inclusion in a PDF document                                                | Sturm                                                   | 501         |
| includeRnw         | Include .Rnw inside .tex                                                                          | Storvik Strauman                                        | 500         |
| includex           | Extended \include                                                                                 | Swift                                                   | 502         |
| inconsolata-ner... | Inconsolata Nerd Font with support for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX | Lukaszcyk                                               | 350         |
| inconsolata        | A monospaced font, with support files for use with T <sub>E</sub> X                               | Levien, Berry, Sharpe                                   | 336         |
| indent             | Environments that change margins                                                                  | Unknown                                                 | 536         |
| indentfirst        | Indent first paragraph after section header                                                       | Carlisle, L <sup>A</sup> T <sub>E</sub> X Team          | 183         |
| index              | Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes                     | Jones                                                   | 290         |
| indextools         | Producing multiple indices                                                                        | Rouquette                                               | 453         |
| indextra           | Enhanced index typesetting                                                                        | Cain                                                    | 178         |
| indic-type1        | Indic Type 1 fonts converted from public Metafont sources                                         | Piška                                                   | 421         |
| induni-om          | Omega fonts for characters used in study of Sanskrit                                              | Smith                                                   | 486         |
| indxcite           | Generate author index based on citations                                                          | Ashton                                                  | 146         |
| infpic             | Macros to insert pictures in paragraphs                                                           | Ulrych                                                  | 531         |
| infwarerr          | Complete set of information/warning/error message macros                                          | Oberdiek                                                | 395         |
| inhyp              | Hyphenation patterns for Bahasa Indonesia                                                         | Knappen, Mart                                           | 309         |
| initials           | Adobe Type 1 decorative initial fonts                                                             | Steffmann, Loreti                                       | 494         |
| inkpaper           | A mathematical paper template                                                                     | Liang                                                   | 337         |
| inline-images      | Inline images in base64 encoding                                                                  | Wäckerlin                                               | 562         |
| inlinebib          | Citations in footnotes                                                                            | Seindal                                                 | 475         |
| inlinedef          | Inline expansions within definitions                                                              | Hicks                                                   | 272         |
| inlinegraphicx     | Insert inline images, with automatic size/positioning                                             | Pierquet                                                | 416         |
| inline-label       | Assign equation numbers to inline equations                                                       | Kusakabe                                                | 325         |
| innerscript        | Small modifications to math formatting                                                            | Kosowsky                                                | 318         |

| <i>Package</i>     | <i>Caption</i>                                                                | <i>Author</i>                                                      | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------|
| inputenc           | Accept different input encodings                                              | Jeffrey, Mittelbach, $\LaTeX$ Team                                 | 288         |
| inputenx           | Enhanced input encoding handling                                              | Oberdiek                                                           | 395         |
| inputfile          | Input $\LaTeX$ files, remembering the file name                               | Tucci                                                              | 529         |
| inputnormalization | Wrapper for XeTeX's and LuaTeX's input normalization                          | Krüger                                                             | 321         |
| inputtrc           | Trace which file loads which                                                  | Lück                                                               | 347         |
| inriafonts         | Inria fonts with $\LaTeX$ support                                             | Markey                                                             | 357         |
| instex             | Extended Plain $\TeX$ for use with MLTeX                                      | Ferguson                                                           | 224         |
| insbox             | Insert pictures/boxes into paragraphs                                         | Gulczynski                                                         | 256         |
| inscrutable        | A response to Perl hackers' silliness                                         | Greene                                                             | 252         |
| insdljs            | Insert document-level JavaScript in $\LaTeX$ documents                        | Story                                                              | 498         |
| inslrmaj           | Fonts based on the Insular Majuscule manuscript book-hand                     | Wilson                                                             | 572         |
| inslrmin           | Fonts based on the Insular Minuscule manuscript book-hand                     | Wilson                                                             | 572         |
| Install-LaTeX-G... | A short introduction to $\LaTeX$ installation written in Chinese              | Wang                                                               | 565         |
| installfont        | A bash script for installing a $\LaTeX$ font family                           | Kleber                                                             | 304         |
| intcalc            | Expandable arithmetic operations with integers                                | Oberdiek                                                           | 395         |
| inter              | The inter font face with support for $\LaTeX$ , $X_{\LaTeX}$ , and LuaLaTeX   | Ebinger                                                            | 213         |
| interactiveanim... | Create PDF files with branching animations                                    | González, Toro, Linares                                            | 246         |
| interactiveplot    | Provides an interface to create interactive 2D/3D functions inside a PDF file | Bock, Linares, Toro                                                | 164         |
| interactivework... | LaTeX-based interactive PDF on the Web                                        | Kuhn                                                               | 323         |
| interchar          | Managing character class schemes in XeTeX                                     | Hu                                                                 | 280         |
| interfaces         | Set parameters for other packages, conveniently                               | Chervet                                                            | 188         |
| interlinear        | A package for creating interlinear glossed texts with customizable formatting | Josué                                                              | 292         |
| interpol           | Add interpolation to MetaPost graph package                                   | Vieth                                                              | 552         |
| interpreter        | Translate input files on the fly                                              | Isambert, Robbers                                                  | 283         |
| interval           | Format mathematical intervals, ensuring proper spacing                        | Madsen                                                             | 354         |
| intex              | Support typesetting and indexing words and phrases                            | Ranange                                                            | 435         |
| intexgral          | A $\LaTeX$ package for typesetting integrals                                  | Dao                                                                | 201         |
| intopdf            | Embed non-PDF files into PDF with hyperlink                                   | Krüger                                                             | 321         |
| intro-scientific   | Introducing scientific/mathematical documents using $\LaTeX$                  | Bennieston                                                         | 159         |
| inversepath        | Calculate inverse file paths                                                  | Robertson                                                          | 444         |
| invertedparagraphs | Indented text with negative paragraph indentation                             | Unknown                                                            | 536         |
| invoice-class      | Produces a standard US invoice from a CSV file                                | Munn                                                               | 379         |
| invoice            | Generate invoices                                                             | Corff                                                              | 195         |
| invoice2           | Intelligent invoices with $\LaTeX$ 3                                          | Dierl                                                              | 205         |
| iodhbwm            | Unofficial template of the DHBW Mannheim                                      | Faltin                                                             | 222         |
| ionumbers          | Restyle numbers in maths mode                                                 | Schneider                                                          | 468         |
| iopart-num         | Numeric citation style for IOP journals                                       | Caprio                                                             | 179         |
| ipa                | LaTeX macros for using WSUIPA fonts                                           | Roegel, Brodnik                                                    | 448         |
| ipaex-type1        | IPAex fonts converted to Type-1 format Unicode subfonts                       | Yato                                                               | 584         |
| ipaex              | IPA (Japanese) fonts                                                          | Information-technology Promotion Agency, Japan, Kitagawa, Preining | 283         |
| ipsum              | Insert multilingual placeholder text                                          | Pierquet                                                           | 416         |
| iran-bibtex        | Iran Manual of Style Citation Guide for BibTeX                                | Rasuli                                                             | 436         |
| is-bst             | Extended versions of standard BibTeX styles                                   | Beebe                                                              | 155         |
| iscram             | A $\LaTeX$ class to publish article to ISCRAM conferences                     | Gaborit                                                            | 237         |
| isf                | Access italic computer modern sans in $\LaTeX$ 2.09                           | Greenwade                                                          | 253         |
| ishyph             | Hyphenation patterns for Icelandic                                            | Pind                                                               | 420         |
| isi2bib-vim        | Vim script to convert bib database from ISI to BibTeX format                  | Thakkar                                                            | 519         |
| isi2bibtex         | Converter for ISI to BibTeX                                                   | Lee                                                                | 331         |
| ISO-TeX            | Display (La)TeX accented letters in GNU Emacs                                 | Neugebauer                                                         | 384         |
| iso                | Generic ISO standards typesetting macros                                      | Wilson                                                             | 573         |

| <i>Package</i>     | <i>Caption</i>                                                          | <i>Author</i>                           | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------|-----------------------------------------|-------------|
| iso10303           | Typesetting the STEP standards                                          | Wilson                                  | 573         |
| iso209             | A document style for ISO standards                                      | North                                   | 391         |
| isodate            | Tune the output format of dates according to language                   | Harders                                 | 263         |
| isodoc             | A $\LaTeX$ class for typesetting letters and invoices                   | Dekker                                  | 202         |
| isolatin1          | An obsolete means to use ISO 8859-1 with $\TeX$                         | Unknown                                 | 536         |
| isomath            | Mathematics style for science and technology                            | Milde                                   | 369         |
| isonums            | Display numbers in maths mode according to ISO 31-0                     | Väth, Rivera                            | 546         |
| isopt              | Writing a $\TeX$ length with a space between number and unit            | Voß                                     | 557         |
| isorot             | Rotation of document elements                                           | Wilson                                  | 573         |
| isosafety          | Provides ISO signs and colors according to the standards 7010 and 3864  | Steinhauer                              | 494         |
| isosigns           | ISO signs and colors according to the standards 7001, 7010 and 3864     | Steinhauer                              | 494         |
| isotope            | A package for typesetting isotopes                                      | Bauke                                   | 151         |
| ispell             | Multi-platform spell checker                                            | Atkinson                                | 146         |
| isphysicmath       | Simple way to write nice formulas                                       | Fantini                                 | 222         |
| issuulinks         | Produce external links instead of internal ones                         | Veytsman                                | 550         |
| ist21              | Title page for the old BSI IST/21 committee                             | Unknown                                 | 536         |
| istgame            | Draw Game Trees with TikZ                                               | Cho                                     | 190         |
| ital               | Automatic italic correction                                             | Bernstein                               | 160         |
| italic             | Automatic italic correction for italic and slanted text                 | Goatley                                 | 244         |
| iTe                | Interactive $\TeX$ editor                                               | Kühn                                    | 323         |
| ithyph             | Hyphenation patterns for the Italian language                           | Beccari                                 | 153         |
| itnumpar           | Spell numbers in words (Italian)                                        | Gregorio                                | 253         |
| itrans-processor   | Transliteration of Indian Languages                                     | Chopde                                  | 191         |
| ivd2dvi            | Convert IVD-DVI files to DVI                                            | Denenberg                               | 203         |
| iwhdp              | Halle Institute for Economic Research (IWH) Discussion Papers           | Ehrenfeld                               | 215         |
| iwona              | A two-element sans-serif font                                           | Nowacki                                 | 391         |
| iwonamath          | LaTeX support for scaled Iwona math fonts                               | Veytsman                                | 550         |
| izhitsa            | Support for the old Russian font “Izhitsa”                              | Motygin                                 | 376         |
| <b>JJJJ</b>        |                                                                         |                                         |             |
| jablantile         | Metafont version of tiles in the style of Slavik Jablan                 | Knuth                                   | 310         |
| jabref             | Graphical frontend to manage BibTeX databases                           | The JabRef Project, Kopp, Alver, Batada | 521         |
| jacow              | A class for submissions to the proceedings of conferences on JA-CoW.org | Schaa                                   | 461         |
| jadetex            | Macros supporting Jade DSSSL output                                     | Rahtz, Castle                           | 434         |
| jamtimes           | Expanded Times Roman fonts                                              | Veytsman                                | 550         |
| japanese-mathfo... | Compiling basic math formulas in Japanese using LuaLaTeX                | Unknown                                 | 536         |
| japanese-otf-uptex | Support for Japanese OTF files in upLaTeX                               | Tanaka, Preining, Japanese $\TeX$ Team  | 512         |
| japanese-otf       | Advanced font selection for platex and its friends                      | Preining, Japanese $\TeX$ Team, Tanaka  | 424         |
| jas99              | BibTeX style for American Meteorological Society (AMS)                  | Moran, Flatau                           | 374         |
| jas99_m            | BibTeX style for American Meteorological Society (AMS)                  | Furue                                   | 237         |
| jasthesis          | A ‘standard’ thesis class                                               | Shepherd                                | 480         |
| JavaBib            | A BibTeX file manager written in Java                                   | Unknown                                 | 536         |
| javadoc            | Documenting source code                                                 | Kiesel                                  | 301         |
| javaDVI            | DVI viewer and printer coded in Java                                    | Hurt                                    | 281         |
| javascript_TeXed   | Small MiKTeX-editor for Win32 Intel platform                            | Yasko                                   | 582         |
| JavascriptHTTP     | Add buttons to a PDF to easily get and post web content                 | Zwahlen                                 | 592         |
| javatex            | A Java implementation of $\TeX$                                         | Murphy                                  | 380         |
| jbact              | BibTeX style for biology journals                                       | Schneider                               | 468         |
| JBibtexManager     | Managing citations in BibTeX format                                     | Batada                                  | 151         |
| jcc                | BibTeX style file for J. Comp. Chem                                     | Hill, Cervellino                        | 273         |
| jeep               | Modified $\LaTeX$ 2.09 article and report styles                        | Stewart                                 | 495         |

| <i>Package</i>    | <i>Caption</i>                                                                    | <i>Author</i>                 | <i>Page</i> |
|-------------------|-----------------------------------------------------------------------------------|-------------------------------|-------------|
| jeopardy          | Build a jeopardy game in $\LaTeX$                                                 | Mařík                         | 357         |
| jetbrainsmono-otf | Package (or only fontspec config files) support for the OpenType font JetBrains   | Pierquet                      | 416         |
| JeuxCartes        | Macros to insert playing cards                                                    | Pierquet                      | 416         |
| jflap2tikz        | Convert JFlap file into a $\LaTeX$ file depicting the automaton using TikZ        | Mertz                         | 367         |
| jfmutil           | Utility to process pTeX-extended TFM and VF                                       | Yato                          | 584         |
| jfontmaps         | Font maps and configuration tools for Japanese fonts                              | Preining                      | 424         |
| jhep              | Class for JHEP                                                                    | Nesti                         | 383         |
| jIEEETran         | Unofficial BibTeX style for citing Japanese articles in IEEE format               | Ejiri                         | 216         |
| jigsaw            | Draw jigsaw pieces with TikZ                                                      | Unknown                       | 536         |
| jj-game           | A $\LaTeX$ class to construct Jeopardy-like games                                 | Story                         | 498         |
| jkmath            | Macros for mathematics that make the code more readable                           | Kaerts                        | 293         |
| jknappen          | Miscellaneous packages by Joerg Knappen                                           | Knappen                       | 308         |
| jkthesis          | Document class for formatting a thesis                                            | Küpper                        | 324         |
| jlabels           | Make letter-sized pages of labels                                                 | Tartir                        | 512         |
| jlm               | Jörg's $\LaTeX$ Mode - an advanced $\LaTeX$ mode for Jed                          | Sommer                        | 487         |
| jlreq-deluxe      | Multi-weight Japanese font support for the jlreq class                            | Morimi                        | 375         |
| jlreq             | Japanese document class based on requirements for Japanese text layout            | Abe                           | 136         |
| jmakepdfx         | A Java interface to Ghostscript to convert PDF to PDF/X                           | Talbot                        | 510         |
| jmb               | BibTeX style for the Journal of Theoretical Biology                               | Schneider                     | 468         |
| jmlr              | Class files for the Journal of Machine Learning Research                          | Talbot                        | 510         |
| jmsdelim          | A package for compositional delimiter sizing                                      | Sterling                      | 495         |
| jneurosci         | BibTeX style for the Journal of Neuroscience                                      | Hennig                        | 270         |
| jnuexam           | Exam class for Jinan University                                                   | Lyu                           | 352         |
| jobname-suffix    | Compile differently based on the filename                                         | Siefken                       | 482         |
| joinbox           | Join boxes vertically or horizontally                                             | Geng                          | 240         |
| josefin           | Josefin fonts with $\LaTeX$ support                                               | Tennent                       | 516         |
| jourcl            | Cover letter for journal submissions                                              | Kukovec                       | 324         |
| jourrr            | A $\LaTeX$ template for journal rebuttal letters                                  | Kukovec                       | 324         |
| joy-of-tex        | User documentation for the AMS-TeX macro collection                               | The AMS, Spivak               | 521         |
| jpeg2ps-os2       | JPEG to PostScript converter for OS/2                                             | Niepraschk, Deutscher         | 389         |
| jpeg2ps           | Convert JPEG files to PostScript Level 2 or 3 EPS                                 | Merz                          | 367         |
| jphysiol          | BibTeX style for the Journal of Physiology                                        | Hennig                        | 270         |
| JPicEdt           | A graphical editor generating $\LaTeX$ commands                                   | Reynal, Belaïche              | 441         |
| jpnedenumerate    | Enumerative expressions in Japanese education                                     | Kusakabe                      | 325         |
| jpnedumathsymbols | Mathematical equation representation in Japanese education                        | Kusakabe                      | 325         |
| jpsj              | Document Class for Journal of the Physical Society of Japan                       | Kuwabara                      | 325         |
| jq1999            | Journal of Quality Technology BibTeX format                                       | Forrest                       | 232         |
| js-misc           | Miscellaneous macros from Joachim Schrod                                          | Schrod                        | 470         |
| jsclasses         | Classes tailored for use with Japanese                                            | Okumura, Japanese $\TeX$ Team | 400         |
| jslectureplanner  | Creation and management of university course material                             | Spitzmüller                   | 489         |
| jsonparse         | Parse, store and access JSON data in $\LaTeX$ documents                           | Habicht                       | 258         |
| jsonresume        | A minimal LuaLaTeX package for rendering JSON Resume data into $\LaTeX$ documents | Wolfsteiner                   | 575         |
| jspell            | An ASCII file spelling checker                                                    | Jeong                         | 289         |
| jtb               | BibTeX style for Journal of Theoretical Biology                                   | Rogers                        | 449         |
| jtbnew            | BibTeX style for Journal of Theoretical Biology                                   | Robbers                       | 443         |
| JuliaMono         | Support for the TrueType font JuliaMono                                           | Voß                           | 557         |
| jumplines         | Articles with teasers and continuation later on                                   | Hupfer                        | 281         |
| Unicode           | A TrueType and OpenType font family for mediaevalists                             | Baker, Tennent                | 147         |
| junicodevf        | A TrueType variable font family for mediaevalists                                 | Baker, Tennent                | 147         |
| jupynotex         | Include whole or partial Jupyter notebooks in $\LaTeX$ documents                  | Batista                       | 151         |
| jura              | A document class for German legal texts                                           | Braun                         | 170         |

| <i>Package</i>               | <i>Caption</i>                                                                                      | <i>Author</i>                                          | <i>Page</i> |
|------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------|
| juraabbrev                   | Abbreviations for typesetting (German) juridical documents                                          | Wartenburger                                           | 565         |
| jurabib                      | Extended BibTeX citation support for the humanities and legal texts                                 | Berger                                                 | 159         |
| juramisc                     | Typesetting German juridical documents                                                              | Sodtalters                                             | 487         |
| jurarsp                      | Citations of judgements and official documents in (German) juridical documents                      | Wartenburger                                           | 565         |
| JustFontItT <small>E</small> | JustFontIt T <small>E</small> X Edition                                                             | Kostin                                                 | 318         |
| jvlisting                    | A replacement for L <small>A</small> T <small>E</small> X's verbatim package                        | Voss                                                   | 562         |
| jwjournal                    | A personal class for writing journals                                                               | XU                                                     | 580         |
| <b>KKKKK</b>                 |                                                                                                     |                                                        |             |
| kalendarium                  | Print dates according to the classical Latin calendar                                               | Smith                                                  | 485         |
| kalender-209                 | Produce page-per-day calendars                                                                      | Schrell                                                | 469         |
| kalender                     | Create a calendar, in German                                                                        | Söhner                                                 | 487         |
| kanaparser                   | Kana parser for LuaT <small>E</small> X                                                             | Zahumensky                                             | 586         |
| kanbun                       | Typeset kanbun-kundoku with support for kanbun annotation                                           | Chen                                                   | 187         |
| kantlipsum                   | Generate sentences in Kant's style                                                                  | Gregorio                                               | 253         |
| karnaugh-map                 | LaT <small>E</small> X package for drawing karnaugh maps with up to 6 variables                     | Jacobsson                                              | 286         |
| karnaugh                     | Typeset Karnaugh-Veitch-maps                                                                        | Wieland                                                | 570         |
| karnaughmap                  | Typeset Karnaugh maps                                                                               | Michael                                                | 367         |
| karta                        | Cartographic signs                                                                                  | Unknown                                                | 536         |
| kaytannollista-...           | Practical manual for L <small>A</small> T <small>E</small> X (Finnish)                              | Likonen                                                | 338         |
| kblocks                      | Easily typeset Control Block Diagrams and Signal Flow Graphs                                        | Somefun                                                | 487         |
| kbordermatrix                | LaT <small>E</small> X version of \bordermatrix                                                     | Border                                                 | 166         |
| kdgdocs                      | Document classes for Karel de Grote University College                                              | Levrie, Daems                                          | 336         |
| kdgreek                      | Greek fonts and macros                                                                              | Dryllerakis                                            | 210         |
| kdpcover                     | Covers for books published by Kindle Direct Publishing                                              | Bugayenko                                              | 174         |
| keisennote                   | TikZ-based Japanese-style notebook ruled lines for L <small>A</small> T <small>E</small> X          | Unknown                                                | 536         |
| kelly-greek-font             | Simple fonts for Greek                                                                              | Hamilton Kelly                                         | 296         |
| kerkis                       | Kerkis (Greek) font family                                                                          | Tsolomitis                                             | 528         |
| kerntest                     | Print tables and generate control files to adjust kernings                                          | Harders                                                | 263         |
| ketcindy                     | Creating graphics for T <small>E</small> X using Cinderella                                         | Takato                                                 | 506         |
| keycommand                   | Simple creation of commands with key-value arguments                                                | Chervet                                                | 188         |
| keyfloat                     | Provides a key/value interface for generating floats                                                | Dunn                                                   | 211         |
| keyindex                     | Index entries by key lookup                                                                         | Zach                                                   | 586         |
| keyparse                     | Key based parser                                                                                    | Rogard                                                 | 449         |
| keyreader                    | A robust interface to xkeyval                                                                       | Musa                                                   | 381         |
| keystroke                    | Graphical representation of keys on keyboard                                                        | Niepraschk                                             | 388         |
| keytheorems                  | An l3keys interface to amsthm                                                                       | Bertucci                                               | 161         |
| keyval                       | Process 'key=value' schemes                                                                         | Carlisle, L <small>A</small> T <small>E</small> X Team | 183         |
| keyval2e                     | A lightweight and robust key-value parser                                                           | Musa                                                   | 381         |
| keyvaltable                  | Re-usable table layouts separating content and presentation                                         | Grewe                                                  | 254         |
| kfupm-math-exam              | A L <small>A</small> T <small>E</small> X document style to produce homework, quiz and exam papers  | Alshahrani                                             | 140         |
| khatalmaqala                 | Arabic font for university articles                                                                 | Abdalmatin                                             | 136         |
| kile                         | A user friendly T <small>E</small> X/LaT <small>E</small> X editor for KDE                          | Wijnhout, Brachet                                      | 570         |
| kinematikz                   | Design kinematic chains and mechanisms                                                              | Santos                                                 | 459         |
| kix                          | Typeset KIX codes                                                                                   | Stoks                                                  | 495         |
| KIXfont                      | A font for KIX codes                                                                                | van Rein                                               | 439         |
| KKran                        | Generate answer fields in tests and exams                                                           | Unknown                                                | 536         |
| KKsymbols                    | LaT <small>E</small> X commands for enclosing characters in circles, squares, diamonds, or brackets | Unknown                                                | 536         |
| klinz                        | A Klingon font                                                                                      | Wünsch                                                 | 578         |
| kmrhyph                      | Hyphenation patterns for Kurmanji, T1 encoded                                                       | Knappen                                                | 308         |
| knit                         | Tangle and weave with multiple change files                                                         | Appelt                                                 | 141         |
| knitting                     | Produce knitting charts, in Plain T <small>E</small> X or L <small>A</small> T <small>E</small> X   | Barton                                                 | 150         |
| knittingpattern              | Create knitting patterns                                                                            | Griffiths                                              | 254         |
| knot                         | A Celtic knotwork font                                                                              | Jaquina                                                | 287         |



| <i>Package</i>     | <i>Caption</i>                                                                                                       | <i>Author</i>               | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|
| knowledge          | Displaying, hyperlinking, and indexing notions in a document                                                         | Colcombet                   | 194         |
| knst               | Multiple-guess tests                                                                                                 | Saludes                     | 459         |
| knuth-base         | The current state of Knuth's contributions                                                                           | Knuth                       | 310         |
| knuth-dist         | The current state of Knuth's contributions                                                                           | Knuth                       | 310         |
| knuth-errata       | Knuth's published errata                                                                                             | Knuth                       | 310         |
| knuth-hint         | HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live                                                    | Scherer                     | 464         |
| knuth-letter       | Knuth's example letter macros                                                                                        | Knuth                       | 311         |
| knuth-lib          | Core T <sub>E</sub> X and Metafont sources from Knuth                                                                | Knuth                       | 311         |
| knuth-local        | Knuth's local information                                                                                            | Knuth                       | 311         |
| knuth-pdf          | PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live                                                     | Scherer                     | 464         |
| koi8               | KOI-8 input support                                                                                                  | Blumenthal                  | 163         |
| koma-moderncvc1... | Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX | Södergran                   | 487         |
| koma-script-exa... | Examples from the 3rd edition of the KOMA-Script book                                                                | Kohm                        | 314         |
| koma-script-exa... | Examples from the 4th edition of the KOMA-Script book                                                                | Kohm                        | 314         |
| koma-script-exa... | Examples from the 5th edition of the KOMA-Script book                                                                | Kohm                        | 314         |
| koma-script-exa... | Examples from the KOMA-Script book                                                                                   | Kohm                        | 314         |
| koma-script-obs... | Deprecated packages from KOMA-Script                                                                                 | Kohm                        | 314         |
| koma-script-sfs    | KOMA-Script letter class option for Finnish                                                                          | Väisänen                    | 544         |
| koma-script        | A bundle of versatile classes and packages                                                                           | Kohm                        | 314         |
| komacv-rg          | LaTeX packages that aid in creating CVs based on the komacv class and creating related documents                     | Grewe                       | 254         |
| komacv             | Typesetting a beautiful CV with various style options                                                                | Södergran                   | 487         |
| konwerter          | A program for automatic numbering of compounds in chemical publications                                              | Wawrzyniak                  | 566         |
| KorigamiK          | Typeset articles using KorigamiK's document class                                                                    | Lakhwani                    | 327         |
| kotex-oblivoir     | A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents                                    | Lee, Kim                    | 331         |
| kotex-plain        | Macros for typesetting Korean under Plain T <sub>E</sub> X                                                           | Lee                         | 331         |
| kotex-utf          | Typeset Hangul, coded in UTF-8                                                                                       | Lee                         | 331         |
| kotex-utils        | Utility scripts and support files for typesetting Korean                                                             | Lee                         | 331         |
| kpathsea           | Path searching library for T <sub>E</sub> X-related files                                                            | T <sub>E</sub> XLive, Weber | 522         |
| kpfonts-otf        | OpenType versions of the kpfonts (Type1) designed by Christophe Caignaert                                            | Flipo                       | 228         |
| kpfonts            | A complete set of fonts for text and mathematics                                                                     | Caignaert                   | 178         |
| ksfh-nat           | BibTeX style for KSFH Munich                                                                                         | Bilger                      | 161         |
| ksp-thesis         | A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing                          | Heinze                      | 267         |
| KTBox              | Framework for semantic color, structured highlighting, and scholarly communication                                   | Mangal                      | 356         |
| KTeXShell          | Graphical frontend to T <sub>E</sub> X                                                                               | Fischer                     | 227         |
| ktv-texdata        | Extract subsets of documents                                                                                         | Huynh                       | 282         |
| ku-template        | Copenhagen University or faculty logo for front page                                                                 | Pedersen                    | 411         |
| kurdishlipsum      | A 'lipsum' package for the Kurdish language                                                                          | Jund                        | 292         |
| kurier             | A two-element sans-serif typeface                                                                                    | Nowacki                     | 392         |
| kuvio              | Drawing macros and fonts for diagrams                                                                                | Svensson                    | 502         |
| kvdefinekeys       | Define keys for use in the kvsetkeys package                                                                         | Oberdiek                    | 395         |
| kvmap              | Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X                                                            | Frank                       | 233         |
| kvoptions          | Key value format for package options                                                                                 | Oberdiek                    | 395         |
| kvsetkeys          | Key value parser with default handler support                                                                        | Oberdiek                    | 395         |
| <b>LLLL</b>        |                                                                                                                      |                             |             |
| l2a                | LaTeX to ASCII                                                                                                       | Hannemyr                    | 261         |
| l2picfaq           | LaTeX pictures "how-to" (German)                                                                                     | Bischoff                    | 162         |
| l2tabu-english     | English translation of "Obsolete packages and commands"                                                              | Trettin, Fenn               | 527         |
| l2tabu-french      | French translation of l2tabu                                                                                         | Alfonsi, Henel              | 139         |
| l2tabu-italian     | Italian Translation of Obsolete packages and commands                                                                | Zannarini, Sacchetto        | 587         |
| l2tabu-spanish     | Spanish translation of "Obsolete packages and commands"                                                              | Trettin, Medina Arellano    | 527         |

| <i>Package</i>     | <i>Caption</i>                                                                | <i>Author</i>                               | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------|---------------------------------------------|-------------|
| l2tabu             | Obsolete packages and commands                                                | Ensenbach, Trettin                          | 218         |
| l2x                | LaTeX to ASCII                                                                | Schulzrinne                                 | 472         |
| l3backend-dev      | LaTeX3 backend drivers (dev)                                                  | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3backend          | LaTeX3 backend drivers                                                        | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3build            | A testing and building system for (La)TeX                                     | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3docstrip         | Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source                | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3experimental     | Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts                        | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3kernel-dev       | Development pre-release of l3kernel                                           | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3kernel           | LaTeX3 programming conventions                                                | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3keys2e           | LaTeX2e option processing using L <sup>A</sup> T <sub>E</sub> X3 keys         | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3packages         | High-level L <sup>A</sup> T <sub>E</sub> X3 concepts                          | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3regex            | Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X             | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| l3sys-query        | System queries for L <sup>A</sup> T <sub>E</sub> X using Lua                  | L <sup>A</sup> T <sub>E</sub> X Team        | 426         |
| la                 | School handwriting fonts                                                      | Heuer                                       | 272         |
| laansort           | Sorting within T <sub>E</sub> X                                               | van der Laan                                | 326         |
| labbook            | Typeset laboratory journals                                                   | Küster                                      | 325         |
| label-pln          | Print address labels in three columns                                         | Unknown                                     | 536         |
| labelcas           | Check the existence of labels, and fork accordingly                           | Diez                                        | 206         |
| labelfig           | Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents      | Siebenmann                                  | 482         |
| labelmac3          | Print Avery 5160 labels for laser printers                                    | Rao                                         | 436         |
| labelmag           | Manage a collection of labels                                                 | Willadt                                     | 571         |
| labels             | Print sheets of sticky labels                                                 | Gilbey, Rahtz, Gustafson                    | 242         |
| labels4easylst     | Add reference labels to easylst items                                         | Paciorek                                    | 404         |
| labelschanged      | Identify labels which cause endless “may have changed” warnings               | Dunn                                        | 211         |
| lablst-pkg         | List names of labels in a document                                            | Karney                                      | 294         |
| labtex             | Label diagrams produced in Metafont                                           | Hoenig                                      | 274         |
| labyrinth          | Draw labyrinths and solution paths                                            | Zigliotto                                   | 590         |
| lacheck            | LaTeX checker                                                                 | Thorup, Abrahamsen,<br>T <sub>E</sub> XLive | 524         |
| ladder             | Draw simple ladder diagrams using TikZ                                        | Cadiou                                      | 178         |
| lahyph             | Hyphenation patterns for the Latin language                                   | Beccari                                     | 153         |
| laletter           | Los Alamos letter style                                                       | Sydoriak                                    | 503         |
| lambda-lists       | Lists in T <sub>E</sub> X’s mouth                                             | Jeffrey                                     | 288         |
| lambdax            | Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X                  | Rogard                                      | 449         |
| lamemo             | Memo style as used at Los Alamos                                              | Sydoriak                                    | 503         |
| lametex            | A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X       | Monsarrat                                   | 373         |
| lamstex-index      | Index processor for LamsTeX                                                   | Spivak                                      | 490         |
| LamsTeX            | A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X            | Spivak                                      | 489         |
| landscape          | Set up for typesetting in landscape                                           | Hosek                                       | 278         |
| langcode           | Simple language-dependent settings based on language codes                    | Lück                                        | 347         |
| langnames          | Name languages and their genetic affiliations consistently                    | García Matarredona, Un-<br>known            | 359         |
| langsci-affilia... | Collect and order authors and affiliations                                    | Kopecky, Language Science<br>Press          | 317         |
| langsci-avm        | Feature structures and attribute-value matrices (AVM)                         | Kopecky, Language Science<br>Press          | 317         |
| langsci            | Typeset books for publication with Language Science Press                     | Nordhoff                                    | 390         |
| lapdf              | PDF drawing directly in T <sub>E</sub> X documents                            | Reimers                                     | 439         |
| laps               | Zero-width boxes for annotations, etc.                                        | Unknown                                     | 537         |
| lastbib            | Record the number of citations in a document                                  | Tuleuov                                     | 530         |
| lastpackage        | Indicates the last loaded package                                             | Pospiech                                    | 423         |
| lastpage           | Reference last page for Page N of M type footers                              | Münch, Goldberg                             | 378         |
| LaTable            | A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables              | Denisov                                     | 204         |
| lated              | Graphical L <sup>A</sup> T <sub>E</sub> X picture editor                      | Ressler                                     | 440         |
| latex-amsmath-dev  | Development pre-release of the L <sup>A</sup> T <sub>E</sub> X amsmath bundle | L <sup>A</sup> T <sub>E</sub> X Team        | 427         |

| <i>Package</i>     | <i>Caption</i>                                                                       | <i>Author</i>                                   | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|-------------|
| latex-amsmath      | AMS mathematical facilities for $\LaTeX$                                             | $\LaTeX$ Team                                   | 426         |
| latex-base-dev     | Development pre-release of the $\LaTeX$ kernel                                       | $\LaTeX$ Team                                   | 427         |
| latex-base         | Base sources of $\LaTeX$                                                             | $\LaTeX$ Team, Mittelbach                       | 429         |
| latex-bib-ex       | Examples for the book Bibliografien mit $\LaTeX$                                     | Voß                                             | 557         |
| latex-bib2-ex      | Examples for the book Bibliografien mit $\LaTeX$                                     | Voß                                             | 557         |
| latex-bnf          | LaTeX macros for typing BNF specifications                                           | Osborne                                         | 403         |
| LaTeX-brochure     | A publicity flyer for $\LaTeX$                                                       | Flynn                                           | 230         |
| latex-context-p... | Legacy stub to allow loading pictex as m-pictex                                      | Carlisle                                        | 180         |
| latex-course       | A $\LaTeX$ course as a projected presentation                                        | Buxbaum                                         | 178         |
| cyrillic           | Support for Cyrillic fonts in $\LaTeX$                                               | $\LaTeX$ Team                                   | 425         |
| latex-dependenc... | Visualize the dependencies of $\LaTeX$ files                                         | Streit                                          | 500         |
| latex-doc-ptr      | A direction-finder for $\LaTeX$ resources available online                           | Hefferon, Pégourié-Gonnard, Berry               | 266         |
| latex-doc          | Documentation supplied as part of the $\LaTeX$ distribution                          | $\LaTeX$ Team                                   | 427         |
| latex-errata       | Errata for the $\LaTeX$ Manual                                                       | Lamport                                         | 328         |
| latex-essential    | Essentials of writing $\LaTeX$ documents                                             | Warbrick, Rivera                                | 565         |
| latex-firstaid-dev | Development pre-release of the $\LaTeX$ firstaid package                             | $\LaTeX$ Team                                   | 427         |
| latex-firstaid     | First aid for external $\LaTeX$ files and packages that need updating                | $\LaTeX$ Team                                   | 427         |
| latex-fonts        | A collection of fonts used in $\LaTeX$ distributions                                 | Knuth, Lamport, MacKay, Schwartz, Melliar-Smith | 312         |
| latex-for-under... | A tutorial aimed at introducing undergraduate students to $\LaTeX$                   | Lounsbury                                       | 345         |
| latex-formatter    | A $\LaTeX$ formatter written in Rust                                                 | Underwood                                       | 532         |
| latex-git-log      | Typeset git log information                                                          | Schneider                                       | 468         |
| latex-graphics-dev | Development pre-release of the $\LaTeX$ graphics bundle                              | $\LaTeX$ Team                                   | 427         |
| latex-graphics     | The $\LaTeX$ standard graphics bundle                                                | $\LaTeX$ Team                                   | 427         |
| latex-hlp          | A VMS help file for $\LaTeX$ 2.09                                                    | Greenwade                                       | 253         |
| latex-indexer      | Automate index generation for $\LaTeX$ documents                                     | Degenhardt                                      | 202         |
| latex-info         | Unofficial reference manual for $\LaTeX$                                             | Steffens, Greenwade                             | 494         |
| latex-lab-dev      | LaTeX laboratory: Development pre-release                                            | $\LaTeX$ Team                                   | 427         |
| latex-lab          | LaTeX laboratory                                                                     | $\LaTeX$ Team                                   | 427         |
| latex-make         | Easy compiling of complex (and simple) $\LaTeX$ documents                            | Danjean                                         | 201         |
| latex-mr           | A practical guide to $\LaTeX$ and Polyglossia for Marathi and other Indian languages | Holkar                                          | 277         |
| latex-notes-zh-cn  | Chinese Introduction to $\TeX$ and $\LaTeX$                                          | Huang                                           | 280         |
| latex-papersize    | Calculate $\LaTeX$ settings for any font and paper size                              | Brown                                           | 172         |
| latex-pro-pragm... | LaTeX for pragmatists                                                                | Satrapa                                         | 460         |
| LaTeX-Referenz     | Examples from the book “LaTeX Referenz”                                              | Voß                                             | 557         |
| latex-refsheet     | LaTeX Reference Sheet for a thesis with KOMA-Script                                  | Lammarsch, Schubert                             | 328         |
| latex-sciences-... | (Xe)LaTeX Appliqué aux sciences humaines                                             | Rouquette                                       | 453         |
| latex-tabellen     | LaTeX Tabellen                                                                       | Voß                                             | 557         |
| latex-tagging-s... | The $\LaTeX$ Tagging Status data                                                     | $\LaTeX$ Team                                   | 427         |
| LaTeX-tds          | A structured copy of the $\LaTeX$ distribution                                       | Oberdiek                                        | 395         |
| latex-tools-dev    | Development pre-release of the $\LaTeX$ tools bundle                                 | $\LaTeX$ Team                                   | 427         |
| latex-tools        | The $\LaTeX$ standard tools bundle                                                   | $\LaTeX$ Team                                   | 427         |
| latex-uni8         | Universal inputenc, fontenc, and babel for pdfLaTeX and LuaLaTeX                     | Szabó                                           | 506         |
| LaTeX-veryshort... | The Very Short Guide to $\LaTeX$                                                     | Flynn                                           | 230         |
| latex-via-exemplos | A $\LaTeX$ course written in Brazilian Portuguese language                           | Massago                                         | 358         |
| latex              | A $\TeX$ macro package that defines $\LaTeX$                                         | $\LaTeX$ Team, Lamport                          | 429         |
| latex209           | Old, unsupported, $\LaTeX$                                                           | Lamport                                         | 328         |
| latex2e-help-te... | A French translation of “latex2e-help-texinfo”                                       | Belaïche                                        | 157         |
| latex2e-help-te... | Unofficial reference manual covering $\LaTeX$ 2e                                     | Berry, Martinsen, Greenwade, Gilmore, Hefferon  | 160         |
| latex2e-reference  | A reference for $\LaTeX$ in HTML                                                     | Dietze                                          | 205         |
| latex2html         | Convert $\LaTeX$ into HTML documents                                                 | Drakos, Moore, Gildea, de Souza, Stigge         | 208         |

| <i>Package</i>     | <i>Caption</i>                                                            | <i>Author</i>                              | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------|--------------------------------------------|-------------|
| latex2man          | Translate $\LaTeX$ -based manual pages into Unix man format               | Vollmer                                    | 554         |
| Latex2Nemeth       | Convert $\LaTeX$ source to Braille with math in Nemeth                    | Papasalouros, Tsolomitis                   | 408         |
| latex2pydata       | Write data to file in Python literal format                               | Poore                                      | 422         |
| latex2rtf          | Convert $\LaTeX$ into Rich Text Format                                    | Hennings, Dorner, Granzer                  | 271         |
| latex4jed          | A much enhanced $\LaTeX$ mode for the Jed editor                          | Gonzato                                    | 246         |
| LaTeX4Musicians    | A guide for combining $\LaTeX$ and music                                  | Gonzato                                    | 246         |
| latex4wp-it        | LaTeX guide for word processor users, in Italian                          | Gonzato                                    | 246         |
| LaTeX4WP           | A $\LaTeX$ guide specifically designed for word processor users           | Gonzato                                    | 246         |
| latexalpha2        | Embed Mathematica code and plots into $\LaTeX$                            | Liu                                        | 339         |
| latexbangla        | Enhanced $\LaTeX$ integration for Bangla                                  | Hasan                                      | 265         |
| latexbug           | Bug classification for $\LaTeX$ related bugs                              | $\LaTeX$ Team                              | 427         |
| latexcad           | A CAD drawing package                                                     | Leis                                       | 334         |
| latexcheat-de      | A $\LaTeX$ cheat sheet, in German                                         | Schwindt                                   | 473         |
| latexcheat-esmx    | A $\LaTeX$ cheat sheet, in Spanish                                        | Rivera, Chang                              | 443         |
| latexcheat-ptbr    | A $\LaTeX$ cheat sheet, in Brazilian Portuguese                           | Granja, Chang                              | 250         |
| latexcheat         | A $\LaTeX$ cheat sheet                                                    | Chang                                      | 185         |
| latexcolors        | Use color definitions from latexcolor.com                                 | Plüss                                      | 421         |
| latexcount         | Perl script to count words of $\LaTeX$ documents                          | Magnus                                     | 355         |
| latexcourse-rug    | A $\LaTeX$ course book                                                    | Kroonenberg                                | 320         |
| LaTeXDB            | Integrates $\LaTeX$ and SQL databases                                     | Eßer                                       | 219         |
| latexdemo          | Demonstrate $\LaTeX$ code with its resulting output                       | Pospiech                                   | 423         |
| latexdiff          | Determine and mark up significant differences between $\LaTeX$ files      | Tilmann                                    | 524         |
| latexdraw          | CAD oriented drawing program                                              | Siebert                                    | 482         |
| latexfileinfo-pkgs | A comparison of packages showing $\LaTeX$ file information                | Lück                                       | 347         |
| latexfileversion   | Prints the version and date of a $\LaTeX$ class or style file             | Harders                                    | 263         |
| LaTeXgit           | A $\LaTeX$ git wrapper                                                    | Staps                                      | 493         |
| latexindent        | Indent a $\LaTeX$ document, highlighting the programming structure        | Hughes                                     | 281         |
| latexinfo          | Texinfo for $\LaTeX$ 2.09                                                 | Clarkson, Stallman                         | 192         |
| latexmake          | LaTeX Makefile                                                            | McLean, Musliner, Sun                      | 364         |
| latexmk            | Fully automated $\LaTeX$ document generation                              | Collins, McLean, Musliner                  | 194         |
| LaTeXMng           | An integrated development environment for Windows                         | Vabishchevich                              | 544         |
| latexMP            | Interface for $\LaTeX$ -based typesetting in MetaPost                     | Morawski                                   | 375         |
| latexn             | Run $\LaTeX$ as many times as needed                                      | Collins                                    | 194         |
| latexpand          | Expand $\backslash$ input and $\backslash$ include in a $\LaTeX$ document | Moy, Musliner, Lovell                      | 376         |
| LaTeXPiX           | LaTeX picture editor for Windows                                          | van Beurden                                | 161         |
| latexrelease       | LaTeX release emulation                                                   | $\LaTeX$ Team                              | 427         |
| LatexRender        | Use $\LaTeX$ in PHP programs                                              | Mayer, Zeiss                               | 362         |
| LaTeXScreenShooter | Capture screenshots within $\LaTeX$ documents                             | Vaney, Freléchoz                           | 545         |
| LaTeX-WIDE         | Multifunctional editor for $\LaTeX$                                       | Lubenets                                   | 346         |
| latexwizard        | Create the header of a $\LaTeX$ document                                  | Willadt                                    | 571         |
| latin              | Latin language definition for Babel                                       | Beccari                                    | 153         |
| latin1jk           | Inputenc encoding for verbatim ISO 8859-1 use                             | Knappen                                    | 308         |
| latin2jk           | Inputenc encoding for verbatim ISO 8859-2 use                             | Knappen                                    | 308         |
| latin3jk           | Inputenc encoding for verbatim ISO 8859-3 use                             | Knappen                                    | 308         |
| latino-sine-fle... | LaTeX support for documents written in Peano's Interlingua                | Leve                                       | 336         |
| lato               | Lato font family and $\LaTeX$ support                                     | El Morabity, Dziedzic                      | 374         |
| Layaureo           | A package to improve the A4 page layout                                   | Busdraghi                                  | 177         |
| layout             | View the layout of a document                                             | McPherson, Braams, Umeki,<br>$\LaTeX$ Team | 365         |
| layouts            | Display various elements of a document's layout                           | Robertson, Wilson                          | 446         |
| lazylist           | Lists in $\TeX$ 's "mouth"                                                | Jeffrey                                    | 288         |
| lb2-examples       | Examples from "Der $\LaTeX$ Begleiter"                                    | Mittelbach                                 | 371         |
| lccaps             | Lowercased (spaced) small capitals                                        | Giannotti                                  | 241         |
| lcd                | Alphanumeric LCD-style displays                                           | Kaufmann                                   | 296         |
| LCDF-typetools     | A bundle of outline font manipulation tools                               | Kohler                                     | 313         |

| <i>Package</i>    | <i>Caption</i>                                                                           | <i>Author</i>                                                     | <i>Page</i> |
|-------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| lcg               | Generate random integers                                                                 | Janka                                                             | 286         |
| lcircuit          | Circuit symbols for use in $\LaTeX$ picture mode                                         | Johnstone                                                         | 290         |
| lcyw              | Make Classic Cyrillic CM fonts accessible in $\LaTeX$                                    | Lidovski                                                          | 337         |
| ldiff             | A script for marking the differences between two $\LaTeX$ files                          | Tsur                                                              | 529         |
| leading           | Define leading with a length                                                             | Robertson                                                         | 444         |
| leadsheets        | Typesetting leadsheets and songbooks                                                     | Niederberger                                                      | 387         |
| leaflet           | Create small handouts (flyers)                                                           | Schmidt, Niepraschk,<br>Gäßlein, Schlegelmilch                    | 467         |
| leawood           | LaTeX support for use of ITC Leawood font family                                         | Pakin                                                             | 406         |
| lebhart           | Write your articles in a colorful way                                                    | XU                                                                | 580         |
| lecturenotes      | A $\LaTeX$ document class for lecture notes                                              | Belvadi                                                           | 158         |
| lecturer          | On-screen presentations for (almost) all formats                                         | Isambert                                                          | 283         |
| lectures          | A document class for quickly drafting nice looking lecture notes                         | Cappelletti                                                       | 179         |
| lectureslides     | Combine single PDF files into one file                                                   | Zhang                                                             | 589         |
| LEd               | An environment for $\LaTeX$ document development                                         | Deorowicz, Skorczynski                                            | 204         |
| ledarab           | Typeset scholarly editions in arabic                                                     | Wilson, Khalighi, Rou-<br>quette, bidi-tex GitHub<br>Organisation | 574         |
| ledmac            | Typeset scholarly editions                                                               | Wilson, Khalighi, Rou-<br>quette, bidi-tex GitHub<br>Organisation | 574         |
| ledpar            | Typeset scholarly editions in parallel texts                                             | Wilson, Khalighi, Rou-<br>quette, bidi-tex GitHub<br>Organisation | 574         |
| leftidx           | Left and right subscripts and superscripts in math mode                                  | Harders                                                           | 263         |
| leftindex         | Left indices with better spacing                                                         | Ørsted                                                            | 403         |
| LElletter         | A letter class for Leiden University                                                     | Kreutzer                                                          | 320         |
| leipzig           | Typeset and index linguistic gloss abbreviations                                         | Weber                                                             | 566         |
| lengthconvert     | Express lengths in arbitrary units                                                       | Daniel                                                            | 201         |
| leporello         | A simple $\LaTeX$ document class to create folded leaflets using columns and boxes       | Habicht                                                           | 258         |
| LeteSansMath      | Lato-based OpenType Math font for LuaTeX and XeTeX                                       | Flipo, Bu                                                         | 229         |
| letgut            | Class for the newsletter “La Lettre GUTenberg” of the French $\TeX$ User Group GUTenberg | Association GUTenberg                                             | 146         |
| letltxmacro       | Let assignment for $\LaTeX$ macros                                                       | Oberdiek                                                          | 395         |
| letter-plain      | Letter macros for Plain $\TeX$                                                           | Unknown                                                           | 537         |
| letter            | The standard $\LaTeX$ 2e letter document class                                           | Lamport, Mittelbach,<br>Schöpf, $\LaTeX$ Team                     | 328         |
| letter1           | Letter formatting macros                                                                 | Unknown                                                           | 537         |
| lettergothic      | The Adobe Type 1 font family Letter GothicType                                           | URW GmbH, Schmidt, Har-<br>combe                                  | 543         |
| lettermac         | Simple macros for writing letters (Plain $\TeX$ )                                        | Smith                                                             | 486         |
| letterspacing     | Letter spacing                                                                           | Taylor                                                            | 513         |
| letterswitharrows | Draw arrows over math letters                                                            | Teegen                                                            | 514         |
| lettre            | Letters and faxes in French                                                              | Mégevand, Belaïche                                                | 365         |
| lettrine          | Typeset dropped capitals                                                                 | Flipo                                                             | 228         |
| levy-font         | Fonts for typesetting classical greek                                                    | Levy, Wujastyk, Won-<br>neberger                                  | 336         |
| levy-latex        | Macros for using Silvio Levy’s Greek fonts                                               | Dafferner                                                         | 199         |
| lewis             | Draw Lewis structures                                                                    | Horvath                                                           | 278         |
| lexend            | The Lexend fonts for $X_{\LaTeX}$ and LuaLaTeX through fontspec                          | Schinko                                                           | 464         |
| lexikon           | Macros for a two language dictionary                                                     | Kielhorn                                                          | 301         |
| lexitex           | Footnote-style citations for law journals                                                | Bennett                                                           | 159         |
| lexref            | Convenient and uniform references to legal provisions                                    | Vion                                                              | 553         |
| lertext           | Typesetting legal documents using plain $\TeX$                                           | Horne                                                             | 278         |



| <i>Package</i>   | <i>Caption</i>                                                                                | <i>Author</i>                        | <i>Page</i> |
|------------------|-----------------------------------------------------------------------------------------------|--------------------------------------|-------------|
| lfb              | A Greek font with normal and bold variants                                                    | Field                                | 225         |
| lfonts-ams       | Use AMS fonts as standard $\text{\LaTeX}$ 2.09 fonts                                          | Fuchs                                | 236         |
| lgc-examples     | Examples from The $\text{\LaTeX}$ Graphics Companion                                          | Rahtz                                | 433         |
| lgc2-examples    | Examples from The $\text{\LaTeX}$ Graphics Companion, second edition                          | Mittelbach, Rahtz                    | 372         |
| lgraph           | A program to generate graphs                                                                  | Podar                                | 422         |
| lgreek           | LaTeX macros for using Silvio Levy's Greek fonts                                              | Murphy                               | 380         |
| lgrind           | Produce beautiful listings of source code with $\text{\LaTeX}$                                | Piefel                               | 414         |
| lgrmath          | Use LGR-encoded fonts in math mode                                                            | Burnol                               | 176         |
| lgrx             | Obsolete package for Greek in text                                                            | Milde                                | 369         |
| lh               | Cyrillic fonts that support $\text{\LaTeX}$ standard encodings                                | Khodulev, Lapko, Berdnikov, Volovich | 300         |
| lhcyr            | A non-standard Cyrillic input scheme                                                          | Zhytnikov                            | 590         |
| lhelp            | Miscellaneous helper packages                                                                 | Kuhlmann                             | 323         |
| libertine-legacy | Linux Libertine fonts for (La)TeX and pdf(La)TeX users                                        | Tennent, Niedermair                  | 519         |
| libertine-type1  | (pdf)LaTeX support for the Libertine family of fonts                                          | Tennent                              | 516         |
| libertine        | Use of Linux Libertine and Biolinum fonts with $\text{\LaTeX}$                                | Tennent                              | 516         |
| libertinegc      | Libertine add-on to support Greek and Cyrillic                                                | Sharpe                               | 477         |
| libertineotf     | Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX                                   | Gundlach, Niedermair                 | 257         |
| libertinus-fonts | The Libertinus font family                                                                    | Hosny, MacLennan                     | 279         |
| libertinus-otf   | Support for Libertinus OpenType                                                               | Voß                                  | 557         |
| libertinus-type1 | Support for using Libertinus fonts with $\text{\LaTeX}$ /pdfLaTeX                             | Tennent                              | 516         |
| libertinus       | Wrapper to use the correct libertine package according to the used $\text{\TeX}$ engine       | Voß                                  | 557         |
| LibertinusT1Math | A Type 1 font and $\text{\LaTeX}$ support for Libertinus Math                                 | Sharpe                               | 477         |
| libgreek         | Greek letters in math mode from Libertinus or Linux Libertine/Biolinum                        | Burnol                               | 176         |
| librarian        | Tools to create bibliographies in $\text{\TeX}$                                               | Isambert                             | 283         |
| librebaskerville | The Libre Baskerville family of fonts with $\text{\LaTeX}$ support                            | Tennent                              | 516         |
| librebodoni      | Libre Bodoni fonts with $\text{\LaTeX}$ support                                               | Tennent                              | 517         |
| librecaslon      | Libre Caslon fonts, with $\text{\LaTeX}$ support                                              | Tennent                              | 517         |
| librefranklin    | LaTeX support for the Libre-Franklin family of fonts                                          | Tennent                              | 517         |
| libris           | Libris ADF fonts, with $\text{\LaTeX}$ support                                                | Harendal, Rees                       | 264         |
| lie-hasse        | Draw Hasse diagrams                                                                           | McKay                                | 364         |
| liederbuch       | A $\text{\LaTeX}$ package for storing songs or other content, and repeated reuse in documents | Ruprecht                             | 457         |
| lifia-th         | A thesis class for LIFIA, Grenoble                                                            | Pfister                              | 414         |
| liftarm          | Geometric constructions with liftarms using TikZ and $\text{\LaTeX}$ 3                        | Floré                                | 230         |
| LigaTeX          | Remove unnecessary ligatures                                                                  | Killesreiter                         | 302         |
| Light LaTeX Make | lmk: A build tool for $\text{\LaTeX}$ documents                                               | Asakura                              | 145         |
| ligtype          | Comprehensive ligature suppression functionalities                                            | Kelkel                               | 296         |
| lilyglyphs       | Access lilypond fragments and glyphs, in $\text{\LaTeX}$                                      | Liska                                | 339         |
| limap            | Typeset maps and blocks according to the Information Mapping® method                          | Neugebauer                           | 384         |
| limecv           | A (Xe/Lua)LaTeX document class for curriculum vitæ                                            | Pieters                              | 419         |
| linearA          | Linear A script fonts                                                                         | Syropoulos                           | 504         |
| linearb          | Linear B script used in the Bronze Age for Mycenaean Greek                                    | Wilson                               | 573         |
| linearregression | Calculate and display linear regressions                                                      | Benciolini                           | 158         |
| linebreaker      | Prevent overflow boxes with LuaLaTeX                                                          | Hoftich                              | 275         |
| linegoal         | A “dimen” that returns the space left on the line                                             | Chervet                              | 188         |
| lineno           | Line numbers on paragraphs                                                                    | Böttcher, Lück, Wette                | 168         |
| linenoamsmath    | Use the lineno package together with amsmath                                                  | Wette                                | 569         |
| ling-macros      | Macros for typesetting formal linguistics                                                     | McKenzie                             | 364         |
| lingtrees        | Linguistics trees preprocessor and macros                                                     | Andrews                              | 141         |
| linguex          | Format linguists' examples                                                                    | Sternefeld                           | 495         |
| linguisticspro   | LinguisticsPro fonts with $\text{\LaTeX}$ support                                             | Tennent                              | 517         |

| <i>Package</i> | <i>Caption</i>                                                                     | <i>Author</i>                                 | <i>Page</i> |
|----------------|------------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| Linguistix     | Enhanced support for linguistics                                                   | Unknown                                       | 537         |
| linkedthm      | Hyperlinked theorem–proof environments for $\LaTeX$                                | Ortega Andrés                                 | 141         |
| linop          | Typeset linear operators as they appear in quantum theory or linear algebra        | Weytjens                                      | 569         |
| linsys         | Typeset systems of linear equations                                                | Kehowski                                      | 296         |
| lintex         | Tidy up after a $\TeX$ run                                                         | Loreti, Kavanagh                              | 345         |
| lion-msc       | LaTeX class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)      | de Dood                                       | 207         |
| lips           | Text ellipses in $\LaTeX$                                                          | Swift                                         | 502         |
| lipsum         | Easy access to the Lorem Ipsum and other dummy texts                               | Happel, Oleinik                               | 261         |
| lisp-on-tex    | Execute LISP code in a $\LaTeX$ document                                           | Shizuya                                       | 481         |
| list           | List ASCII text files                                                              | Knuth                                         | 311         |
| listbib        | Lists contents of BibTeX files                                                     | Kuhlmann                                      | 323         |
| listing-pln    | Almost-verbatim list programs                                                      | Toby                                          | 526         |
| listing        | Produce formatted program listings                                                 | Kuhlmann, Hebley                              | 323         |
| listings-ext   | Automated input of source                                                          | Hoffman                                       | 274         |
| listings       | Typeset source code listings using $\LaTeX$                                        | Hoffmann, Moses, Heinz                        | 275         |
| listingsutf8   | Allow UTF-8 in listings input                                                      | Oberdiek                                      | 395         |
| listbls        | Creates a list of all labels used throughout a document                            | Melzer                                        | 366         |
| listliketab    | Typeset lists as tables                                                            | Pakin                                         | 406         |
| listofanswers  | Provide a list of answers to mathematical problems                                 | Ipanaque                                      | 283         |
| listofitems    | Grab items in lists using user-specified sep char                                  | Tellechea                                     | 514         |
| listofsymbols  | Create and manipulate lists of symbols                                             | Spreng                                        | 491         |
| listparskip    | Adjust vertical space around lists                                                 | Kosowsky                                      | 318         |
| LiteBook       | A fresh cover and chapter design for books                                         | Xia                                           | 579         |
| literate       | A literate programming system, not tied to any language                            | Schrod                                        | 470         |
| literaturnaya  | The Literaturnaya family of fonts                                                  | ParaGraph International, Volovich, Malyarenko | 409         |
| LiteSolution   | A $\LaTeX$ class for typesetting solutions of problems in exams, textbooks, etc.   | Xia                                           | 579         |
| LiteTable      | Class schedules with colorful course blocks                                        | Xia, Guo                                      | 579         |
| lithuanian     | Lithuanian language support                                                        | Tolušis                                       | 526         |
| liturg         | Support for typesetting Catholic liturgical texts                                  | Goodman                                       | 247         |
| liturgy-cw     | Create Common Worship style documents                                              | Theulings                                     | 523         |
| ljmetrics      | Metrics for Laserjet built-in fonts                                                | Walsh                                         | 564         |
| lkort          | A short introduction to $\LaTeX$ , in Dutch                                        | van Oostrum                                   | 402         |
| LKproof        | LK Proof figure macros                                                             | Tatsuta                                       | 512         |
| llist          | List ASCII text files in landscape                                                 | Knuth                                         | 311         |
| llncs          | Document class and bibliography style for Lecture Notes in Computer Science (LNCS) | Richter                                       | 441         |
| llncs209       | Macros for Springer books                                                          | Unknown                                       | 537         |
| llncsconf      | LaTeX package extending Springer’s llncs class                                     | Brucker                                       | 173         |
| lm-math        | OpenType maths fonts for Latin Modern                                              | Jackowski, Pianowski, Strzelczyk              | 285         |
| lm             | Latin modern fonts in outline formats                                              | Jackowski, Nowacki                            | 284         |
| lmacs          | A simple package for including support files                                       | Story                                         | 498         |
| lmake          | Process lists to do repetitive actions                                             | Pan                                           | 407         |
| lms            | LaTeX 2.09 style for LMS journals                                                  | Garling, Mulvey, Woollatt                     | 239         |
| ln03dvi        | DVI to LN03 driver                                                                 | Thomas                                        | 523         |
| lni            | Official class for the “Lecture Notes in Informatics”                              | Sievers                                       | 482         |
| lobster2       | Lobster Two fonts, with support for all $\LaTeX$ engines                           | Tennent                                       | 517         |
| locality       | Various macros for keeping things local                                            | Gross                                         | 255         |
| localloc       | Macros for localizing $\TeX$ register allocations                                  | Raichle                                       | 434         |
| logbox         | e-TeX showbox facilities for exploration purposes                                  | Chervet                                       | 189         |
| logfilter      | Choose what you want to see of a (La)TeX log                                       | Graversen                                     | 251         |

| <i>Package</i>     | <i>Caption</i>                                                                        | <i>Author</i>                                                     | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| loggates           | A small font for logic gates, and $\LaTeX$ support                                    | Verwer                                                            | 548         |
| logic              | A font for electronic logic design                                                    | Simpson                                                           | 484         |
| logical-markup-... | Packages for language-dependent inline quotes and dashes                              | Masłowski                                                         | 358         |
| logicproof         | Box proofs for propositional and predicate logic                                      | Davidson                                                          | 201         |
| logicpuzzle        | Typeset (grid-based) logic puzzles                                                    | Kleber                                                            | 304         |
| logictools         | Additional tools for typesetting formal logic                                         | Cheang                                                            | 186         |
| logix              | Supplement to the Unicode math symbols                                                | Finney                                                            | 227         |
| logoetalab         | Insert Licence Etalab 2.0 logo                                                        | Pierquet                                                          | 416         |
| logpap             | Generate logarithmic graph paper with $\LaTeX$                                        | Kaufmann                                                          | 296         |
| logreq             | Support for automation of the $\LaTeX$ workflow                                       | Lehman                                                            | 333         |
| logsys             | Draw logarithmic coordinate systems                                                   | Hansen                                                            | 261         |
| lollipop           | TeX made easy                                                                         | Eijkhout, Khalighi, bidi-tex<br>GitHub Organisation               | 215         |
| longdiv            | Long division arithmetic problems                                                     | Arseneau                                                          | 143         |
| longdivision       | Typesets long division                                                                | Chatham                                                           | 186         |
| longfbox           | Draw framed boxes with standard CSS attributes that can break over multiple pages     | Leijen                                                            | 334         |
| longfigure         | Provides a figure-like environment that break over pages                              | Arnold                                                            | 142         |
| longmath           | Nested delimiter groups extending over multiple array cells or lines                  | Matschull                                                         | 360         |
| longnamefilelist   | Tidy \listfiles with long file names                                                  | Lück                                                              | 347         |
| longtable          | Allow tables to flow over page boundaries                                             | Carlisle, Kastrup, $\LaTeX$<br>Team                               | 182         |
| longtocline        | Macros to produce a table of contents                                                 | Unknown                                                           | 537         |
| longtwocolumn      | A twocolumn alternative allowing automatic page breaks                                | Kohm                                                              | 314         |
| lookbibtex         | Tools for examining BibTeX files                                                      | Heidemann                                                         | 267         |
| loops              | General looping macros for use with $\LaTeX$                                          | Musa                                                              | 381         |
| losymbol           | Defines a mechanism for producing a list of symbols                                   | van Dooren                                                        | 207         |
| lout               | An alternative typesetting system                                                     | Kingston                                                          | 303         |
| loval              | Round-cornered framed boxes                                                           | Schalück                                                          | 461         |
| lparse             | Parse macro arguments with Lua using xparse-like specification                        | Friedrich                                                         | 235         |
| lpform             | Typesetting linear programming formulations and sets of equations                     | Waltman                                                           | 565         |
| lpic               | Put $\LaTeX$ material over included graphics                                          | Matveev                                                           | 361         |
| lplfitch           | Fitch-style natural deduction proofs                                                  | Zach                                                              | 586         |
| lps                | Class for “Logic and Philosophy of Science”                                           | Cevolani                                                          | 185         |
| lpw                | A literate programming environment for Macs                                           | Lindenberg                                                        | 338         |
| lroundrect         | LaTeX macros for utilizing the roundrect MetaPost routines                            | Goodman                                                           | 247         |
| lsabon             | Support files for the Linotype Sabon fonts                                            | Veytsman                                                          | 550         |
| lsc                | Typesetting Live Sequence Charts                                                      | Westphal                                                          | 569         |
| lscope             | Place selected parts of a document in landscape                                       | Carlisle, $\LaTeX$ Team                                           | 183         |
| lscopeenhanced     | An enhancement to the lscope and pdfscape packages                                    | Kohm                                                              | 314         |
| lshort-bulgarian   | Bulgarian translation of the “Short Introduction to $\LaTeX$ 2e”                      | Karakoleva                                                        | 294         |
| lshort-czech       | Czech translation of the “Short Introduction to $\LaTeX$ 2e”                          | Madr, Stríž, Oetiker                                              | 354         |
| lshort-dutch       | Introduction to $\LaTeX$ in Dutch                                                     | Becuwe, Windels, Oetiker                                          | 155         |
| lshort-english     | A (Not So) Short Introduction to $\LaTeX$ 2e                                          | Oetiker                                                           | 399         |
| lshort-estonian    | Estonian introduction to $\LaTeX$                                                     | Palm                                                              | 407         |
| lshort-finnish     | Finnish introduction to $\LaTeX$                                                      | Hellgren                                                          | 268         |
| lshort-french      | Short introduction to $\LaTeX$ , French translation                                   | Colin, Pégourié-Gonnard,<br>Oetiker                               | 194         |
| lshort-german      | German version of “A Short Introduction to $\LaTeX$ 2e”: $\LaTeX$ 2e-Kurzbeschreibung | Schmidt, Gundlach, Daniel,<br>Kopp                                | 465         |
| lshort-italian     | Introduction to $\LaTeX$ in Italian                                                   | GuT (Gruppo Utilizzatori<br>Italiani di TeX), Beccari,<br>Bilotta | 256         |
| lshort-japanese    | Japanese version of A Short Introduction to $\LaTeX$ 2e                               | Masataka                                                          | 358         |
| lshort-korean      | Korean introduction to $\LaTeX$                                                       | Kim, Cho                                                          | 302         |

| <i>Package</i>     | <i>Caption</i>                                                    | <i>Author</i>                         | <i>Page</i> |
|--------------------|-------------------------------------------------------------------|---------------------------------------|-------------|
| lshort-mongol      | Short introduction to $\LaTeX$ , in Mongolian                     | Batumongke                            | 151         |
| lshort-mongolian   | Short introduction to $\LaTeX$ 2.09, Mongolian translation        | Dorj, Corff                           | 207         |
| lshort-persian     | Persian (Farsi) introduction to $\LaTeX$                          | Omidali, Oetiker                      | 402         |
| lshort-polish      | Introduction to $\LaTeX$ in Polish                                | Goldasz, Kubiak, Przechlewski, Serwin | 245         |
| lshort-portugue... | Introduction to $\LaTeX$ in Portuguese (Brazil)                   | Polli                                 | 422         |
| lshort-portuguese  | Introduction to $\LaTeX$ in Portuguese                            | Simões                                | 483         |
| lshort-russian     | Russian introduction to $\LaTeX$                                  | Tobotras                              | 525         |
| lshort-slovak      | Slovak introduction to $\LaTeX$                                   | Busa, Oetiker                         | 177         |
| lshort-slovenian   | Slovenian translation of lshort                                   | Plestenjak                            | 421         |
| lshort-spanish     | Short introduction to $\LaTeX$ , Spanish translation              | Carleos Artime, Rivera, Vela          | 145         |
| lshort-thai        | Introduction to $\LaTeX$ in Thai                                  | Visavakul, Oetiker                    | 553         |
| lshort-turkish     | Turkish introduction to $\LaTeX$                                  | Karaoglu, Oetiker                     | 294         |
| lshort-ukr         | Ukrainian version of the $\LaTeX$ introduction                    | Polyakov                              | 422         |
| lshort-vietnamese  | Vietnamese version of the $\LaTeX$ introduction                   | Nguyen                                | 385         |
| lshort-zh-cn       | Introduction to $\LaTeX$ , in Chinese                             | Xing, Stuart, Zeng, Zhang             | 580         |
| lshort             | A short introduction to $\LaTeX$ 2e                               | Oetiker                               | 399         |
| lstaddons          | Add-on packages for listings: autogobble and line background      | Scharrer                              | 462         |
| lstbayes           | Listings language driver for Bayesian modeling languages          | Arnold                                | 142         |
| lstfiracode        | Use Fira Code font for listings                                   | Zhang                                 | 589         |
| lt3graph           | Provide a graph datastructure for experimental $\LaTeX$ 3         | Helvensteijn                          | 268         |
| lt3luabridge       | Execute Lua code in any $\TeX$ engine that exposes the shell      | Starý Novotný                         | 391         |
| lt3rawobjects      | Objects and proxies in $\LaTeX$ 3                                 | De Donato                             | 207         |
| ltablex            | Table package extensions                                          | Goel                                  | 245         |
| ltabptch           | Bug fix for longtable                                             | Lück                                  | 347         |
| lbt2bib            | Converts amsrefs' .ltb bibliographical databases to BibTeX format | Bartholdi                             | 150         |
| lcaption           | Fix some caption problems in longtables                           | Sommerfeldt                           | 488         |
| ltnews             | The latest $\LaTeX$ news                                          | Mittelbach, Rowley, $\LaTeX$ Team     | 372         |
| ltoh               | A converter from $\LaTeX$ to HTML                                 | Quong                                 | 431         |
| lth                | Example code for “LaTeX Tipps und Tricks” book                    | Klöckl                                | 307         |
| ltx-talk           | A class for typesetting presentations                             | Wright                                | 577         |
| ltx2mathml         | Convert $\LaTeX$ math to MathML                                   | Frane Jr                              | 292         |
| ltx2rtf            | A conversion program from $\LaTeX$ to Rich Text Format            | Dorner, Granzer, Taupin               | 207         |
| ltx2x              | Replace $\LaTeX$ commands in a document by user-defined strings   | Wilson                                | 573         |
| ltx3pub            | Early publications of the $\LaTeX$ project                        | Mittelbach, Rowley                    | 372         |
| ltx4yt             | Play YouTube videos in the default browser                        | Story                                 | 498         |
| ltxcmds            | Some $\LaTeX$ kernel commands for general use                     | Oberdiek                              | 395         |
| ltxdiff            | A Win32 program that compares tokens in two .tex files            | Becker                                | 154         |
| ltxdoc             | Class for documented $\LaTeX$ macro files                         | Carlisle, $\LaTeX$ Team               | 183         |
| ltxdockit          | Documentation support                                             | Lehman                                | 333         |
| ltxfileinfo        | Print version information for a $\LaTeX$ file                     | Dekker                                | 202         |
| ltxgrid            | Control of the page grid                                          | Ogawa                                 | 399         |
| ltxguidex          | An extended ltxguide class                                        | Turner                                | 530         |
| ltximg             | Extract $\LaTeX$ environments into separate image files           | González Luengo                       | 350         |
| ltxindex           | A $\LaTeX$ package to typeset indices with GNU's Texindex         | Rivera                                | 443         |
| ltxinput           | Find files input by a document                                    | Green                                 | 252         |
| ltxkeys            | A robust key parser for $\LaTeX$                                  | Musa                                  | 381         |
| ltxmisc            | Miscellaneous $\LaTeX$ packages, etc.                             | Unknown                               | 537         |
| ltxnew             | A simple means of creating commands                               | Chervet                               | 189         |
| ltxtable           | Longtable and tabularx merge                                      | Carlisle                              | 180         |
| ltxtools           | A collection of $\LaTeX$ API macros                               | Musa                                  | 381         |
| ltxutil            | LaTeX utility macros                                              | Ogawa                                 | 399         |
| lua-alt-getopt     | Process application arguments the same way as getopt_long         | Cheusov, Hosny                        | 190         |
| lua-check-hyphen   | Mark hyphenations in a document, for checking                     | Gundlach                              | 256         |

| <i>Package</i>    | <i>Caption</i>                                                                                      | <i>Author</i>                                                         | <i>Page</i> |
|-------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------|
| lua-physical      | Functions and objects for the computation of physical quantities                                    | Jenni                                                                 | 288         |
| lua-placeholders  | Specifying placeholders for demonstration purposes                                                  | Nijenhuis                                                             | 389         |
| lua-regression    | Add polynomial regressions to graphs                                                                | Allison                                                               | 140         |
| lua-tikz3dtools   | Not-so-experimental LuaLaTeX package for 3D illustrations in TikZ                                   | Nice                                                                  | 385         |
| lua-tinyyaml      | A tiny YAML (subset) parser in pure Lua                                                             | Lee                                                                   | 333         |
| lua-typo          | Highlighting typographical flaws with LuaLaTeX                                                      | Flipo                                                                 | 228         |
| lua-UCA           | Unicode Collation Algorithm library for Lua                                                         | Hoftich                                                               | 275         |
| Lua-UL            | Underlining for LuaLaTeX                                                                            | Krüger                                                                | 321         |
| lua-uni-algos     | Unicode algorithms for LuaTeX                                                                       | Krüger                                                                | 321         |
| lua-unicode-math  | OpenType Math font support for LuaLaTeX                                                             | Krüger                                                                | 321         |
| lua-visual-debug  | Visual debugging with LuaLaTeX                                                                      | Gundlach, Fogiel                                                      | 256         |
| lua-widow-control | Automatically remove widows and orphans from any document                                           | Chernoff                                                              | 188         |
| lua2dox           | Auto-documentation of lua code                                                                      | Dales                                                                 | 199         |
| luaaddplot        | An extension to pgfplots' \addplot macro                                                            | Kotucha                                                               | 319         |
| luabibentry       | Repeat BibTeX entries in a LuaLaTeX document body                                                   | Kopp                                                                  | 318         |
| luabidi           | Bidi functions for LuaTeX                                                                           | Khalighi, Rosendahl, bidi-<br>tex GitHub Organisation,<br>Spitzmüller | 300         |
| luacas            | A computer algebra system for users of LuaLaTeX                                                     | All, Cochrane                                                         | 140         |
| LuaCensor         | Securely redact sensitive information using Lua                                                     | Granet                                                                | 250         |
| luacode           | Helper for executing lua code from within TeX                                                       | Pégourié-Gonnard                                                      | 412         |
| luacolor          | Color support based on LuaTeX's node attributes                                                     | Oberdiek                                                              | 396         |
| luacomplex        | Operations on complex numbers inside L <sup>A</sup> T <sub>E</sub> X documents using Lua            | Chetan Shirore and Ajit<br>Kumar                                      | 189         |
| luafindfont       | Search fonts in the LuaTeX font database                                                            | Voß                                                                   | 557         |
| luagcd            | Computation of gcd of integers inside L <sup>A</sup> T <sub>E</sub> X using Lua                     | Chetan Shirore and Ajit<br>Kumar                                      | 189         |
| luahttp           | Compile-time internet-interactive PDF-documents using Lua and LuaTeX                                | Casaburi                                                              | 183         |
| luahyphenrules    | Loading patterns in LuaLaTeX with language.dat                                                      | Bezoz López                                                           | 341         |
| luaimageembed     | Embed images as base64-encoded strings                                                              | Sachs                                                                 | 458         |
| luaindex          | Create index using LuaLaTeX                                                                         | Kohm                                                                  | 314         |
| luainputenc       | Replacing inputenc for use in LuaTeX                                                                | Roux, Pégourié-Gonnard                                                | 454         |
| luaintro          | Examples from the book “Einführung in LuaTeX und LuaLaTeX”                                          | Voß                                                                   | 557         |
| luakeys           | A Lua module for parsing key-value options                                                          | Friedrich                                                             | 235         |
| luakeyval         | A minimal key/value system for LuaTeX based on token.scan_key_cs                                    | Fogiel                                                                | 231         |
| luaLatex-doc-de   | Guide to LuaLaTeX (German translation)                                                              | Pégourié-Gonnard, Römer                                               | 412         |
| luaLatex-doc      | A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX                                       | Pégourié-Gonnard                                                      | 412         |
| luaLatex-math     | Fixes for mathematics-related LuaLaTeX issues                                                       | Stephani                                                              | 495         |
| luaLaTeX-platform | Load platform-specific code into LuaTeX                                                             | Stephani                                                              | 495         |
| luaLatex-truncate | A wrapper for using the truncate package with LuaLaTeX                                              | Friedl                                                                | 234         |
| luaLibs           | Additional Lua functions for LuaTeX macro programmers                                               | Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team                    | 454         |
| luaLinalg         | A linear algebra package for LuaLaTeX                                                               | Chetan Shirore and Ajit<br>Kumar                                      | 189         |
| luamathalign      | More flexible alignment in amsmath environments                                                     | Krüger                                                                | 321         |
| luamaths          | Provide standard mathematical operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua | Chetan Shirore and Ajit<br>Kumar                                      | 189         |
| luamesh           | Computes and draws 2D Delaunay triangulation                                                        | Chupin                                                                | 191         |
| LuaMML            | Automatically generate MathML from LuaLaTeX math mode material                                      | Krüger                                                                | 321         |
| luamodulartables  | Generate modular addition and multiplication tables                                                 | Chetan Shirore and Ajit<br>Kumar                                      | 189         |
| luamplib          | Use LuaTeX's built-in MetaPost interpreter                                                          | Hagen, Hoekwater, Roux,<br>Pégourié-Gonnard, Gesang,<br>Kim           | 258         |



| <i>Package</i>     | <i>Caption</i>                                                                 | <i>Author</i>                                                                    | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------|
| luanumint          | Numerical integration using Lua inside $\LaTeX$ documents                      | Chetan Shirore and Ajit Kumar                                                    | 189         |
| luaoptions         | Option handling for LuaLaTeX packages                                          | Peron                                                                            | 413         |
| luaotfload         | OpenType ‘loader’ for Plain $\TeX$ and $\LaTeX$                                | Roux, Hosny, Pégourié-Gonnard, Robertson, Gesang, $\LaTeX$ Team, Fischer, Krüger | 454         |
| luapackageloader   | Allow LuaTeX to load external Lua packages                                     | Jois                                                                             | 290         |
| luaplot            | Plotting graphs using Lua                                                      | Chetan Shirore and Ajit Kumar                                                    | 189         |
| luaprohtable       | Programmable table interface for LuaLaTeX                                      | Xiang                                                                            | 579         |
| luapstricks        | A PSTricks backend for LuaLaTeX                                                | Krüger                                                                           | 322         |
| luaquotes          | Smart setting of quotation marks                                               | Granet                                                                           | 250         |
| luarandom          | Create lists of random numbers                                                 | Voß                                                                              | 557         |
| luaset             | Set Operations inside $\LaTeX$ documents using Lua                             | Chetan Shirore and Ajit Kumar                                                    | 189         |
| luaseq             | Drawing spectral sequences in LuaLaTeX                                         | Bauer                                                                            | 151         |
| luatbls            | Lua tables made accessible in $\LaTeX$                                         | Ewasiuk                                                                          | 219         |
| LuaTeX-CN          | A LuaTeX based package to handle Chinese text typesetting                      | Li                                                                               | 337         |
| luatex-def         | LuaTeX option file for color and graphics                                      | Carlisle, $\LaTeX$ Team                                                          | 183         |
| luatex-pkg         | Basic definitions for LuaTeX                                                   | Oberdiek                                                                         | 396         |
| luatex-type-def... | Type definitions for the Lua API of LuaTeX                                     | Friedrich                                                                        | 235         |
| luatex             | The LuaTeX engine                                                              | The LuaTeX Team                                                                  | 521         |
| luatex85           | pdfTeX aliases for LuaTeX                                                      | Carlisle, Wright, $\LaTeX$ Team                                                  | 183         |
| luatexbase         | Basic resource management for LuaTeX code                                      | Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright                                 | 412         |
| luatexja           | Typeset Japanese with Lua(La)TeX                                               | Kitagawa                                                                         | 303         |
| luatexko           | Typeset Korean with Lua(La)TeX                                                 | Kim, Nam                                                                         | 302         |
| luatextra          | Additional macros for Plain $\TeX$ and $\LaTeX$ in LuaTeX                      | Roux, Pégourié-Gonnard                                                           | 454         |
| luatikz            | A 2D graphics library to draw TikZ graphics using the Lua programming language | Kittenberger                                                                     | 304         |
| luatodonotes       | Add editing annotations in a LuaLaTeX document                                 | Lipp                                                                             | 339         |
| luatruthtable      | Generate truth tables of boolean values in LuaLaTeX                            | Chetan Shirore and Ajit Kumar                                                    | 190         |
| luavlna            | Prevent line breaks after single letter words, units, or academic titles       | Hoftich                                                                          | 275         |
| luaxml             | Lua library for reading and serialising XML files                              | Hoftich                                                                          | 276         |
| lucida-otf         | Support for the Lucida Bright fonts (OpenType)                                 | Voß                                                                              | 557         |
| lucida             | Metrics, etc., for Lucida Bright and Lucida Math                               | Schmidt, Harcombe                                                                | 466         |
| lucidabr           | PSNFSS support for Lucida Type 1 fonts                                         | TUG Lucida Support Group                                                         | 529         |
| lucide-icons       | Use lucide-icons through $\LaTeX$ commands                                     | Pierquet                                                                         | 416         |
| luciole            | Luciole OpenType fonts for LuaTeX and XeTeX                                    | Flipo                                                                            | 229         |
| lucold             | Use old-style digits with Lucida fonts                                         | Loreti                                                                           | 345         |
| lug                | Create and edit $\TeX$ Local User Group web pages                              | Dekker                                                                           | 202         |
| lutabulartools     | Some useful LuaLaTeX-based tabular tools                                       | Ewasiuk                                                                          | 219         |
| luwa-ul            | Provides underlines and other highlighting which can be used in vertical mode  | Unknown                                                                          | 537         |
| LuwianType         | Typesetting package for Hieroglyphic Luwian                                    | Walls                                                                            | 564         |
| LuxiMono           | Free monospace fonts                                                           | Schmidt, Harcombe, Bigelow, Holmes                                               | 466         |
| lwrap              | Converts $\LaTeX$ to HTML                                                      | Dunn                                                                             | 212         |
| lwc-examples       | Examples from The $\LaTeX$ Web Companion                                       | Rahtz                                                                            | 433         |
| LXfonts            | Set of slide fonts based on CM                                                 | Beccari                                                                          | 154         |
| LXGW-fonts         | A CJK font family with a comprehensive character set                           | Xia                                                                              | 579         |
| lxmail             | A letter-generator that produces $\LaTeX$ output                               | Fasada                                                                           | 223         |
| ly1                | Support for LY1 $\LaTeX$ encoding                                              | Carlisle, Schmidt, Berry                                                         | 183         |

| <i>Package</i>    | <i>Caption</i>                                                       | <i>Author</i>               | <i>Page</i> |
|-------------------|----------------------------------------------------------------------|-----------------------------|-------------|
| LydType           | Typing in the Lydian alphabet                                        | Walls                       | 564         |
| lyluatex          | Commands to include lilypond scores within a (Lua)LaTeX document     | Peron, The Gregorio Project | 413         |
| lyx               | Document processor based on $\LaTeX$                                 | Ettrich                     | 219         |
| <b>MMMMM</b>      |                                                                      |                             |             |
| m-pictex          | Enable PicTeX to run with $\LaTeX$                                   | Burnus                      | 177         |
| M-Tx              | A preprocessor for pmx                                               | Tennent, Laurie             | 518         |
| m3D               | Extension of plain MetaPost for 3D graphics                          | Phan                        | 414         |
| maad              | Mathematical Approximations and Documentation                        | Watson, Jr                  | 265         |
| mab2bib           | Converter tools: MAB to BibTeX and UTF-8 to $\LaTeX$ ASCII           | Ramm                        | 435         |
| macibibtex        | BibTeX for the Macintosh                                             | Darley                      | 201         |
| macfont           | Convert Apple type 1 fonts for use under Windows                     | Walsh                       | 564         |
| macrolist         | List operations for $\LaTeX$ 2e                                      | Chen                        | 187         |
| macros2e          | A list of internal $\LaTeX$ 2e macros                                | Scharrer                    | 462         |
| macroswap         | Swap the definitions of two $\LaTeX$ macros                          | Lee                         | 332         |
| mactex-basic      | A basic $\TeX$ distribution for the Macintosh                        | TUG TWG-MacTeX              | 530         |
| mactex            | The $\TeX$ Live Mac distribution                                     | TUG TWG-MacTeX              | 530         |
| mactextras        | Extras for the MacTeX distribution                                   | TUG TWG-MacTeX              | 530         |
| mactotex          | Convert “Macintosh PostScript” for use with $\TeX$                   | Fedor                       | 223         |
| mafr              | Mathematics in accord with French usage                              | Obrecht                     | 399         |
| magaz             | Magazine layout                                                      | Arseneau                    | 143         |
| magic             | A font to go with the Magic(TM) game                                 | Dörntge                     | 207         |
| magicnum          | Access $\TeX$ systems’ “magic numbers”                               | Oberdiek                    | 396         |
| magicwatermark    | An easy and flexible way to set watermarks                           | Guo                         | 257         |
| magra             | The Magra font face with support for $\LaTeX$ and pdfLaTeX           | Ebinger                     | 213         |
| mahjong           | Typeset Mahjong Tiles using MPSZ Notation                            | Schmitz                     | 467         |
| mailing           | Macros for mail merging                                              | Braams                      | 168         |
| mailmerge         | Repeating text field substitution                                    | Frasson                     | 233         |
| maine-thesis      | A document class for University of Maine graduate theses             | Bock, Springuel             | 164         |
| make-env          | Print USPS standard envelopes                                        | Smith                       | 486         |
| make_latex        | LaTeX Makefile                                                       | Beasley                     | 152         |
| make4ht           | A build system for tex4ht                                            | Hoftich                     | 276         |
| makebarcode       | Print various kinds 2/5 and Code 39 bar codes                        | Wagner                      | 563         |
| makebase          | Typeset counters in a different base                                 | Flynn                       | 230         |
| makebox           | Defines a \makebox* command                                          | Harders                     | 263         |
| makecell          | Tabular column heads and multilined cells                            | Lapko                       | 329         |
| MakeCirc          | A MetaPost library for drawing electrical circuit diagrams           | Bustamante Argañaraz        | 142         |
| makecmds          | The new \makecommand command always (re)defines a command            | Robertson, Wilson           | 446         |
| makecookbook      | Make a Cookbook                                                      | Murphy, D’Amico             | 380         |
| makedoc           | Preprocessing documentation with $\TeX$                              | Lück                        | 347         |
| makedtx           | Perl script to help generate dtx and ins files                       | Talbot, Belaïche            | 511         |
| makefonts         | Shell scripts to generate bitmaps from Metafont sources              | Kuhlmann                    | 323         |
| makeglos          | Include a glossary into a document                                   | Henlich                     | 270         |
| MakeGlossariesGUI | Java GUI alternative to makeglossaries script                        | Talbot                      | 510         |
| makeidx           | Standard $\LaTeX$ package for creating indexes                       | $\LaTeX$ Team               | 427         |
| makeindex         | Process index output to produce typesettable code                    | Chen, Beebe                 | 187         |
| makeindexk        | Makeindex development sources                                        | Chen, $\TeX$ Live           | 187         |
| makelabels        | Add a ‘makelabels’ feature to KOMA-Script letter classes and package | Kohm                        | 314         |
| makeplot          | Easy plots from Matlab in $\LaTeX$                                   | Vila-Forcén                 | 553         |
| makeprog          | A literate system for $\TeX$ programming                             | Schrod                      | 470         |
| maker             | Include Arduino or Processing code in $\LaTeX$ documents             | Lagos Suárez                | 501         |
| makerobust        | Making a macro robust (legacy package)                               | Oberdiek                    | 396         |
| makerobust209     | Make an existing $\LaTeX$ command robust                             | Carlisle                    | 180         |
| makeshape         | Declare new PGF shapes                                               | Robson                      | 447         |
| maketable         | Convert Word or Excel tables to $\TeX$ tabular structures            | Maier                       | 355         |
| Makor 2           | Typeset pointed Hebrew using Omega                                   | Hoenig                      | 274         |

| <i>Package</i>     | <i>Caption</i>                                                                            | <i>Author</i>            | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------------------|--------------------------|-------------|
| malayalam-latex    | LaTeX for Malayalam                                                                       | Alex                     | 138         |
| malayalam-obsolete | Fonts for typesetting Malayalam, with a pre-processor                                     | Hellingman               | 268         |
| malayalam-omega    | Typesetting Malayalam using Omega                                                         | Alex                     | 139         |
| maltese            | Support input in Maltese                                                                  | Farrugia                 | 223         |
| malvern            | A sans-serif font family                                                                  | Cugley                   | 198         |
| mandel             | Compute the Mandelbrot set                                                                | Unknown                  | 537         |
| mandi              | Macros for introductory physics and astronomy                                             | Heafner                  | 266         |
| manfnt             | LaTeX support for the T <sub>E</sub> X book symbols                                       | Kielhorn                 | 301         |
| manjutex           | Manju language support                                                                    | Corff                    | 195         |
| manpage            | Man pages in L <sup>A</sup> T <sub>E</sub> X                                              | Chen                     | 187         |
| manual             | Knuth's "manual" fonts                                                                    | Knuth, Hoekwater         | 312         |
| manual209          | A document style for manuals                                                              | Nieland                  | 388         |
| Manuscript         | Emulate look of a document typed on a typewriter                                          | Cepl                     | 184         |
| manyfoot           | Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X's footnote mechanism     | Rozhenko                 | 455         |
| manyind            | Provides support for many indexes                                                         | van der Kallen           | 293         |
| mapcodes           | Support for multiple character sets and encodings                                         | Piotrowski               | 421         |
| maple              | Styles and examples for the MAPLE newsletter                                              | Unknown                  | 537         |
| marathi            | Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX | Unknown                  | 537         |
| Marcellus          | Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support                              | Tennent                  | 517         |
| margbib            | Display bibitem tags in the margins                                                       | Tinnefeld                | 524         |
| marginal           | Extensions to \marginpar handling                                                         | Tolušis                  | 526         |
| marginalia         | Non-floating marginal content with automatic placement for LuaLaTeX                       | Cain                     | 178         |
| marginfit          | Improved margin notes                                                                     | Leclaire                 | 331         |
| marginfix          | Patch \marginpar to avoid overfull margins                                                | Hicks                    | 273         |
| marginnote         | Notes in the margin, even where \marginpar fails                                          | Kohm                     | 314         |
| marginote          | Make numbered notes in the margin                                                         | Greenwade                | 253         |
| maritime           | International maritime signal flags using TikZ                                            | Davis                    | 202         |
| markdown           | Converting and rendering markdown documents inside T <sub>E</sub> X                       | Starý Novotný            | 391         |
| marnote            | Place text in the margin of a document                                                    | McCauley                 | 363         |
| marvosym           | Martin Vogel's Symbols (marvosym) font                                                    | Henlich, Vogel, Miklavac | 270         |
| matapli            | Class for the french journal "MATAPLI"                                                    | Chupin                   | 191         |
| matc3              | Commands for MatematicaC3 textbooks                                                       | Vrettos                  | 562         |
| matc3mem           | Class for MatematicaC3 textbooks                                                          | Vrettos                  | 562         |
| match_parens       | Find mismatches of parentheses, braces, (angle) brackets, in texts                        | Dekker                   | 202         |
| math-e             | Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X       | Voß                      | 557         |
| math-into-latex-4  | Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition                       | Grätzer                  | 251         |
| math-operator      | Predefined and new math operators                                                         | Kosowsky                 | 318         |
| mathabx-type1      | Outline version of the mathabx fonts                                                      | Hotta                    | 279         |
| mathabx            | Three series of mathematical symbols                                                      | Phan                     | 414         |
| mathador           | LaTeX commands for the French game "Mathador"                                             | Pierquet                 | 416         |
| mathalpha          | General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X            | Sharpe                   | 477         |
| mathalphabets      | Chinese introduction to mathematical alphabets                                            | Chao                     | 186         |
| mathastext         | Use the text font in maths mode                                                           | Burnol                   | 176         |
| mathbbol           | Use the bbold fonts in mathematics                                                        | Knappen                  | 308         |
| mathcmd            | Mathematics support commands                                                              | Bosisio                  | 167         |
| mathcommand        | \newcommand-like commands for defining math macros                                        | Colcombet                | 194         |
| mathcomp           | Text symbols in maths mode                                                                | Böß                      | 167         |
| mathdesign         | Mathematical fonts to fit with particular text fonts                                      | Pichaureau               | 414         |
| mathdots           | Commands to produce dots in math that respect font size                                   | Luecking                 | 349         |
| mathematica        | Support for fonts distributed with Mathematica                                            | Kuska                    | 325         |
| mathesatz-examples | Examples from the book "Mathematiksatz mit L <sup>A</sup> T <sub>E</sub> X"               | Voß                      | 557         |
| mathexam           | Package for typesetting exams                                                             | Hlavacek                 | 273         |
| mathfam256         | Extend math family up to 256 for pLaTeX/upLaTeX/Lamed                                     | Yamashita                | 581         |
| mathfixs           | Fix various layout issues in math mode                                                    | Beisert                  | 157         |

| <i>Package</i>    | <i>Caption</i>                                                        | <i>Author</i>                                     | <i>Page</i> |
|-------------------|-----------------------------------------------------------------------|---------------------------------------------------|-------------|
| mathfont          | Use TrueType and OpenType fonts in math mode                          | Kosowsky                                          | 318         |
| mathgifs          | Support for Microsoft Georgia and ITC Franklin Gothic                 | Veytsman                                          | 550         |
| mathgreek         | Use different Greek letter fonts in math mode                         | Missier                                           | 371         |
| mathinst          | Merge font families to create mathematical font sets                  | Hoening                                           | 274         |
| mathkit           | Generate maths fonts to match outline fonts                           | Hoening                                           | 274         |
| mathlig           | Define maths “ligatures”                                              | Bean                                              | 152         |
| mathpartir        | Typesetting sequences of math formulas, e.g. type inference rules     | Remy                                              | 440         |
| mathpazo          | Fonts to typeset mathematics to match Palatino                        | Puga                                              | 430         |
| mathppl           | Use PostScript Palatino for typesetting maths                         | Schmidt                                           | 465         |
| mathptm           | Adobe Times Roman (or equivalent) for text and maths                  | Jeffrey, Rahtz, Vieth                             | 288         |
| mathptmx          | Use Times as default text font, and provide maths support             | Schmidt, Jeffrey, Rahtz, Vieth, $\LaTeX$ Team     | 467         |
| mathpunctspace    | Control the space after punctuation in math expressions               | Kieda                                             | 300         |
| mathrsfs          | Support for using RSFS fonts in maths                                 | Knappen                                           | 308         |
| maths-symbols     | Summary of mathematical symbols available in $\LaTeX$                 | Carlisle, Fairbairns                              | 182         |
| mathsci2bibtex    | Convert Mathsci database information to BibTeX                        | Zakharevich                                       | 586         |
| mathscinet        | Retrieve references from MathSciNet in BibTeX format                  | Tweeddale                                         | 530         |
| mathsemantics     | Semantic math commands in $\LaTeX$                                    | Bergmann                                          | 159         |
| MathSpad          | A mathematics-capable word processor with $\LaTeX$ output             | Verhoeven                                         | 547         |
| mathspec          | Specify arbitrary fonts for mathematics in XeTeX                      | Moschou                                           | 375         |
| mathspic          | A Perl filter program for use with PiCTeX                             | Syropoulos, Nickalls                              | 505         |
| mathstone         | Use Adobe Stone Serif and Stone Sans for typesetting maths            | Adrián                                            | 137         |
| mathstyle         | Manage mathematics typesetting style                                  | Downes, Høgholm, Madsen, Robertson, Wright        | 208         |
| mathtex           | A CGI program to use $\LaTeX$ to put mathematics on the web           | Forkosh                                           | 231         |
| mathtime-ltx      | LaTeX macros for using MathTime and MathTime Plus                     | Mittelbach, Carlisle                              | 372         |
| mathtime-metrics  | MathTime AFM files                                                    | Unknown                                           | 537         |
| mathtime-pln      | Plain TeX macros for using MathTime and MathTime Plus                 | Lewenberg                                         | 336         |
| mathtools         | Mathematical tools to use with amsmath                                | Høgholm, Madsen, $\LaTeX$ Team, Robertson, Wright | 276         |
| MathTrip          | A trip to the wonderful world of mathematics                          | Aubord                                            | 146         |
| MathType          | Evaluation version of a commercial equation editor                    | Virga, Mathews                                    | 553         |
| matlab-prettyfier | Pretty-print Matlab source code                                       | Cretel                                            | 197         |
| matlabweb         | Literate programming system for Matlab                                | Potse                                             | 423         |
| matrix-skeleton   | A PGF/TikZ library that simplifies working with multiple matrix nodes | Dudebout                                          | 210         |
| mattens           | Matrices/tensor typesetting                                           | Els                                               | 216         |
| mattex            | Import Matlab values to $\LaTeX$ documents                            | Van Snick                                         | 486         |
| maybeload         | Prevent reloading of files                                            | Unknown                                           | 537         |
| maybemath         | Make math bold or italic according to context                         | Buckley                                           | 173         |
| maze              | Generate random mazes                                                 | Du                                                | 210         |
| mbboard           | Comprehensive blackboard bold fonts                                   | Phan                                              | 414         |
| mnotes            | Notes in tables or images                                             | Borck-Elsner                                      | 165         |
| mboxfill          | Fill free space with a pattern                                        | Rozhenko                                          | 455         |
| mcaption          | Put captions in the margin                                            | Hennig                                            | 271         |
| mceinleger        | Creating covers for music cassettes                                   | Benischke                                         | 158         |
| mcexam            | Create randomized Multiple Choice questions                           | Vannieuwenhuyze                                   | 545         |
| mcf2graph         | Draw chemical structure diagrams with MetaPost                        | Yamaji                                            | 581         |
| mcite             | Multiple items in a single citation                                   | Ohl                                               | 400         |
| mciteplus         | Enhanced multiple citations                                           | Shell                                             | 480         |
| mcmthesis         | Template designed for MCM/ICM                                         | Huang, Unknown, Wang                              | 280         |
| mctex             | Convert VAXIMA output to (La)TeX code                                 | Leangsuksun                                       | 331         |
| mdframed          | Framed environments that can split at page boundaries                 | Daniel, Schubert                                  | 201         |
| mdputu            | Upright digits in Adobe Utopia Italic                                 | Veytsman                                          | 550         |
| mdsymbol          | Symbol fonts to match Adobe Myriad Pro                                | Schubert                                          | 471         |

| <i>Package</i>     | <i>Caption</i>                                                                        | <i>Author</i>                  | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------|--------------------------------|-------------|
| mdvi               | A DVI previewer                                                                       | Atria                          | 146         |
| mdwfonts           | A model for font manipulation                                                         | Wooding                        | 576         |
| mdwlist            | Miscellaneous list-related commands                                                   | Wooding                        | 576         |
| mdwmath            | Some maths extensions                                                                 | Wooding                        | 576         |
| mdwtab             | A reimplementaion of tabular and array environments                                   | Wooding                        | 576         |
| mdwtools           | Miscellaneous tools by Mark Wooding                                                   | Wooding                        | 576         |
| measurebox         | Precise measurements of glyphs                                                        | Unknown                        | 537         |
| mecaso             | Formulas frequently used in rigid body mechanics                                      | Derrazi                        | 204         |
| media4svg          | Multimedia inclusion for the dvisvgm backend                                          | Grahn                          | 249         |
| media9             | Multimedia inclusion package with Adobe Reader-9/X compatibility                      | Grahn                          | 249         |
| medmath            | Better medium-size math commands                                                      | Lyu                            | 352         |
| medstarbeamer      | Beamer document class for MedStar Health Research Institute                           | Kumar                          | 324         |
| meetingmins        | Format written minutes of meetings                                                    | Beitzel                        | 157         |
| megatape           | Make cassette tape labels                                                             | Nickel                         | 386         |
| mem                | A multilingual system for Lamed                                                       | Bezos López                    | 341         |
| membranecomputing  | Membrane Computing notation                                                           | Orellana Martín                | 358         |
| memdesign          | Notes on book design                                                                  | Wilson, Madsen                 | 574         |
| memexsupp          | Experimental memoir support                                                           | Madsen                         | 354         |
| memhfixc           | Adjustment for using hyperref in memoir documents                                     | Wilson, Madsen                 | 574         |
| memo-pln           | Plain T <sub>E</sub> X macros for memoranda                                           | Unknown                        | 537         |
| memo2              | A memo document style                                                                 | McPherson                      | 365         |
| memo209            | A memo document style                                                                 | Roth                           | 452         |
| memoir             | Typeset fiction, non-fiction and mathematical books                                   | Wilson, Madsen                 | 574         |
| MemoirChapterSt... | Chapter styles in memoir class                                                        | Madsen                         | 354         |
| Memoize            | Externalization of graphics and memoization of compilation results in general         | Živanović                      | 591         |
| memory             | Containers for data in L <sup>A</sup> T <sub>E</sub> X                                | Zhiwei                         | 590         |
| memorygraphs       | TikZ styles to typeset graphs of program memory                                       | Staps                          | 493         |
| mendex-doc         | Documentation for Mendex index processor                                              | Japanese T <sub>E</sub> X Team | 287         |
| mensa-tex          | Typeset simple school cafeteria menus                                                 | Friedl                         | 234         |
| mentis             | A basis for books to be published by Mentis publishers                                | Verweyen                       | 548         |
| menu               | Typesetting menus                                                                     | Lickert                        | 337         |
| menucard           | Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X                           | Frank                          | 233         |
| menukeys           | Format menu sequences, paths and keystrokes from lists                                | Weh, Spratte                   | 567         |
| MEP article        | Class for Mechanical Engineering Publications                                         | Balemi                         | 148         |
| meper              | MetaPost editor and previewer                                                         | Pan                            | 407         |
| mercatormap        | Spherical Mercator coordinate systems and Web Mercator tile integration               | Sturm                          | 501         |
| merge              | Perform mail merges in L <sup>A</sup> T <sub>E</sub> X                                | McKinstry                      | 364         |
| merriweather       | Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support | Tennent                        | 517         |
| messagebubbles     | Display message bubbles as a conversation                                             | Harrer                         | 264         |
| messagepassing     | Draw diagrams to represent communication protocols                                    | Vassor                         | 546         |
| meta-mode          | Emacs mode for Metafont/post                                                          | Vieth                          | 552         |
| metafont-beginners | An introductory tutorial for Metafont                                                 | Tobin                          | 525         |
| Metafont           | A system for specifying fonts                                                         | Knuth                          | 311         |
| metafp             | Some Experiences in Running Metafont and MetaPost                                     | Wilson                         | 573         |
| metago             | MetaPost output of Go positions                                                       | Zheng                          | 590         |
| metainfo           | Typeset document outline with metainfo                                                | Sauer                          | 460         |
| metalogo           | Extended T <sub>E</sub> X logo macros                                                 | Moschou                        | 375         |
| metalogox          | Adjust T <sub>E</sub> X logos, with font detection                                    | Dunn                           | 212         |
| metanorma          | Write Metanorma standardization documents using LaTe                                  | Brasolin                       | 169         |
| metaobj            | MetaPost package providing high-level objects                                         | Roegel                         | 448         |
| MetaPlot           | Plot-manipulation macros for use in MetaPost                                          | Moses                          | 376         |
| metapost-colorb... | An implementation of the colorbrewer2.org colours for MetaPost                        | Thurston                       | 524         |
| MetaPost examples  | Example drawings using MetaPost                                                       | Zoonekynd                      | 591         |



| <i>Package</i>  | <i>Caption</i>                                                                                | <i>Author</i>                                     | <i>Page</i> |
|-----------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------|-------------|
| metapost-matlab | MetaPost data plotting in Matlab style                                                        | Yang                                              | 582         |
| metapost        | A development of Metafont for creating graphics                                               | The MetaPost Team, Hobby                          | 522         |
| metastr         | Store and compose strings                                                                     | Beisert                                           | 157         |
| METATeX         | Incorporate Metafont pictures in $\TeX$ source                                                | Casares                                           | 183         |
| metatype1       | Generate Type 1 fonts from MetaPost                                                           | JNS team                                          | 289         |
| metauml         | MetaPost library for typesetting UML diagrams                                                 | Gheorghies                                        | 241         |
| method          | Typeset method and variable declarations                                                      | Leineweber, Drucbert                              | 334         |
| metre           | Support for the work of classicists                                                           | Boggio-Togna                                      | 164         |
| metrix          | Typeset metric marks for Latin text                                                           | Weh                                               | 567         |
| metsymb         | The package provides dedicated $\TeX$ commands to generate (vectorial) meteorological symbols | Vogt                                              | 554         |
| mewltx          | MicroEmacs for Windows $\LaTeX$ interface                                                     | Reid                                              | 439         |
| mex             | Polish formats for $\TeX$                                                                     | Jackowski, Ryćko                                  | 285         |
| mf-ps           | Metafont-PostScript conversions                                                               | Jackowski                                         | 284         |
| mf2ps           | Modification of Metafont to produce PostScript output                                         | Yanai, Berry                                      | 582         |
| mf2pt1          | Convert stylized Metafont to PostScript Type 1                                                | Pakin                                             | 406         |
| mf2pt3          | Create Adobe Type 3 fonts                                                                     | Syropoulos                                        | 504         |
| mf2tex          | Add labels into drawings created with Metafont                                                | Spalek                                            | 488         |
| mfb-oldstyle    | MFB Oldstyle serif fonts                                                                      | Miller                                            | 369         |
| mfbook          | The source of The Metafontbook                                                                | Knuth                                             | 311         |
| mff-util        | Metafont management                                                                           | Cugley                                            | 198         |
| mff             | Multiple font formats                                                                         | Berdnikov, Turtia                                 | 159         |
| mfirstuc        | Uppercase the first letter of a word                                                          | Talbot                                            | 510         |
| mflogo-font     | Metafont logo font                                                                            | Knuth, Hoekwater                                  | 312         |
| mflogo          | $\LaTeX$ support for Metafont logo fonts                                                      | Vieth                                             | 552         |
| mflogo209       | Typeset the Metafont logo under $\LaTeX$ 2.09                                                 | Hosek                                             | 278         |
| mfnfss          | Packages to typeset oldgerman and pandora fonts in $\LaTeX$                                   | Mittelbach, $\LaTeX$ Team                         | 372         |
| mfpic           | Draw Metafont/post pictures from (La)TeX commands                                             | Luecking, Tobin                                   | 350         |
| mfpic4ode       | Macros to draw direction fields and solutions of ODEs                                         | Mařík                                             | 357         |
| mftinc          | Pretty-print Metafont source                                                                  | Pakin                                             | 406         |
| mftrace         | Convert Metafont fonts to Adobe Type 1                                                        | Nienhuys                                          | 388         |
| mfware          | Supporting tools for Metafont: gftodvi, gftopk, gftype, mft                                   | Knuth, Rokicki, Fuchs                             | 312         |
| MFWL            | Making friends with $\LaTeX$                                                                  | Kumar                                             | 324         |
| mg1TeX          | High-quality graphics from MGL scripts embedded in $\LaTeX$ documents                         | Sejas Viscarra, Balakin                           | 553         |
| mh              | Stub for the (old) ‘mh’ bundle                                                                | Høgholm, Madsen, Robertson, Wright                | 277         |
| mhack           | Macros for marginal notes, in Plain $\TeX$                                                    | Walsh                                             | 564         |
| mhchem          | Typeset chemical formulae/equations and H and P statements                                    | Hensel                                            | 271         |
| mhequ           | Multicolumn equations, tags, labels, sub-numbering                                            | Hairer                                            | 259         |
| mhs             | Historical mathematics                                                                        | Brix                                              | 171         |
| mhsetup         | The mathtools “setup” function                                                                | Madsen, $\LaTeX$ Team, Robertson, Wright, Høgholm | 354         |
| mi-solns        | Extract solutions from exercises and quizzes                                                  | Story                                             | 498         |
| miama           | The Miama Nueva handwriting font with $\LaTeX$ support                                        | Romer                                             | 451         |
| MicroIMP        | A $\TeX$ -based word processor                                                                | MicroPress                                        | 367         |
| microtype-de    | Translation into German of the documentation of microtype                                     | Schröder, Schwerdtfeger                           | 470         |
| microtype       | Subliminal refinements towards typographical perfection                                       | Schlicht                                          | 464         |
| Mid2TeX/Free    | Convert MIDI to MusicTeX input                                                                | Köhler                                            | 313         |
| midfloat        | Mixing onecolumn and twocolumn modes at any place of page                                     | Tolušis                                           | 526         |
| Midi2TeX/Free   | Convert MIDI to MusicTeX input                                                                | Kuykens, Verbruggen                               | 325         |
| midnight        | A set of useful macro tools                                                                   | van der Goot                                      | 248         |
| midpage         | Environment for vertical centring                                                             | Robertson, Wilson                                 | 446         |
| mif2xfig        | Conversion between Frame Maker and Xfig                                                       | Lundqvist                                         | 350         |
| miktex-portable | A version of MiKTeX to carry around                                                           | Schenk                                            | 463         |
| miktex          | A free $\TeX$ distribution for MS-Windows                                                     | Schenk                                            | 463         |

| <i>Package</i>     | <i>Caption</i>                                                                                                                 | <i>Author</i>                        | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|
| miktex_update      | A cygwin bash script for automatic updating and installing new packages of MiKTeX                                              | Kleber                               | 304         |
| mil                | Samples from Math into L <sup>A</sup> T <sub>E</sub> X                                                                         | Grätzer                              | 251         |
| mil3               | Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition                                                          | Grätzer                              | 251         |
| millier            | Typeset millier indices                                                                                                        | Harders, Pedersen                    | 264         |
| milog              | A L <sup>A</sup> T <sub>E</sub> X class for fulfilling the documentation duties according to the German minimum wage law MiLoG | Kleber                               | 305         |
| milstd             | Generate documents according to MIL STD 490                                                                                    | McPherson                            | 365         |
| MilSymb            | LaTeX package for TikZ based drawing of military symbols as per NATO APP-6(C)                                                  | Crosby                               | 197         |
| mimetex            | Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps                                                | Forkosh                              | 231         |
| mindflow           | Write your ideas in a clear way                                                                                                | XU                                   | 580         |
| minibox            | A simple type of box for L <sup>A</sup> T <sub>E</sub> X                                                                       | Robertson                            | 444         |
| minidocument       | Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents                                             | Leclaire                             | 331         |
| minifp             | Fixed-point real computations to 8 decimals                                                                                    | Luecking                             | 349         |
| miniltx            | An abstract of L <sup>A</sup> T <sub>E</sub> X facilities for use with Plain T <sub>E</sub> X                                  | Carlisle, Berry                      | 182         |
| minim-hatching     | Create tiling patterns with the minim-mp MetaPost processor                                                                    | Renkema                              | 440         |
| minim-math         | Extensive maths for LuaTeX                                                                                                     | Renkema                              | 440         |
| minim-mp           | Low-level mplib integration for LuaTeX                                                                                         | Renkema                              | 440         |
| minim-pdf          | Low-level PDF integration for LuaTeX                                                                                           | Renkema                              | 440         |
| minim-xmp          | Embed XMP metadata in PDF with LuaTeX                                                                                          | Renkema                              | 440         |
| minim              | A modern plain format for the LuaTeX engine                                                                                    | Renkema                              | 440         |
| minimal            | A trivial class, for use when testing                                                                                          | L <sup>A</sup> T <sub>E</sub> X Team | 428         |
| minimalist         | Write your articles or books in a simple and clear way                                                                         | XU                                   | 580         |
| minion2newtx       | Enable use of Minion Pro with newtx                                                                                            | Sharpe                               | 478         |
| minionpro          | LaTeX support for Adobe MinionPro fonts                                                                                        | Blumensath                           | 163         |
| minipage-marginpar | Minipages with marginal notes                                                                                                  | Ebermann                             | 213         |
| MiniPlot           | A package for easy figure arrangement                                                                                          | Wahl                                 | 563         |
| minitoc            | Produce a table of contents for each chapter, part or section                                                                  | Drucbert                             | 209         |
| minorrevision      | Quote and refer to a manuscript for minor revisions                                                                            | Guillaumin                           | 256         |
| minted-code        | Predefined environments for typesetting L <sup>A</sup> T <sub>E</sub> X code with minted                                       | Voß                                  | 557         |
| minted             | Highlighted source code for L <sup>A</sup> T <sub>E</sub> X                                                                    | Poore, Rudolph                       | 422         |
| mintspirit         | LaTeX support for MintSpirit font families                                                                                     | Tennent                              | 517         |
| minutes            | Typeset the minutes of meetings                                                                                                | Lickert                              | 337         |
| mirr               | PostScript mirror header (for dvips)                                                                                           | BOP                                  | 165         |
| mismatch           | Miscellaneous mathematical macros                                                                                              | Missier                              | 371         |
| missaali           | A late medieval OpenType textura font                                                                                          | Syrjänen                             | 503         |
| mitpress           | Typeset documents for MIT Press                                                                                                | Unknown                              | 537         |
| mitthesis          | A L <sup>A</sup> T <sub>E</sub> X template for an MIT thesis                                                                   | Lienhard                             | 338         |
| mk                 | A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker                                                                   | Dekker                               | 202         |
| mkbangtex          | A preprocessor for BangTeX                                                                                                     | Ray                                  | 436         |
| mkbib              | BibTeX file creator                                                                                                            | Banerjee                             | 149         |
| mkjobtexmf         | Generate a texmf tree for a particular job                                                                                     | Oberdiek                             | 396         |
| mkpattern          | A utility for making hyphenation patterns                                                                                      | Múgica de Rivera                     | 442         |
| mkpic              | Perl interface to mfpic                                                                                                        | Dekker                               | 203         |
| mkpkfontdir        | Manipulate TDS directories for PK fonts                                                                                        | Arrouye                              | 142         |
| mkstmp             | Provides a simple workflow for creating custom stamps                                                                          | Story                                | 498         |
| mla-paper          | Proper MLA formatting                                                                                                          | Aycock, Wheelwright                  | 147         |
| mla                | MLA BibTeX styles                                                                                                              | Weissert, Shaw                       | 568         |
| mlac1s             | LaTeX class for MLA papers                                                                                                     | Price                                | 424         |
| mlawriter          | Write MLA style documents in Plain T <sub>E</sub> X                                                                            | Wang                                 | 565         |
| mlbib              | Support for multilingual bibliographies                                                                                        | Matiaske                             | 360         |
| mlefttright        | Variants of delimiters that act as maths open/close                                                                            | Oberdiek                             | 396         |
| m1ist              | Logical markup for lists                                                                                                       | Robertson                            | 444         |
| MLMath             | Mathematical notation for Machine Learning                                                                                     | Ma                                   | 353         |

| <i>Package</i>     | <i>Caption</i>                                                                                   | <i>Author</i>                                      | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|
| MLModern           | A blacker Type 1 version of Computer Modern, with multilingual support                           | Miller                                             | 369         |
| mltex-ltx          | LaTeX support for MLTeX                                                                          | Raichle                                            | 434         |
| mltex              | The MLTeX system                                                                                 | Raichle, Ferguson                                  | 434         |
| mluexercise        | Exercises/homework at the Martin Luther University Halle-Wittenberg                              | Fachschaftsrat Mathematik/Informatik Uni Halle     | 220         |
| mm                 | A jiffy Multiple Master tool                                                                     | Goossens, Rahtz                                    | 248         |
| mma2ltx            | Use Mathematica graphics in a $\LaTeX$ document                                                  | Ghibo                                              | 241         |
| mmaf               | Font metrics for multiple-master font                                                            | Kohler                                             | 313         |
| mmap               | Include CMap resources in PDF files from pdfTeX                                                  | Moore                                              | 374         |
| mmpfb              | Create instance of multiple-master font                                                          | Kohler                                             | 313         |
| mmtools            | Multiple master fonts tools                                                                      | Kohler                                             | 313         |
| mnhyphn            | Mongolian hyphenation patterns in T2A encoding                                                   | Batumongke                                         | 151         |
| mnotes             | Margin annotation for collaborative writing                                                      | Luz                                                | 352         |
| mnras-plain        | Plain $\TeX$ macros for MNRAS                                                                    | Woollatt                                           | 576         |
| mnras              | Monthly Notices of the Royal Astronomical Society                                                | Royal Astronomical Society, Thompson, Clube, Jones | 455         |
| MnSymbol           | Mathematical symbol font for Adobe MinionPro                                                     | Blumensath                                         | 163         |
| mnttex             | Tools for the “The Secret History of the Mongols”                                                | Corff                                              | 195         |
| modeles-facture... | Generate invoices for Belgian non-profit organizations                                           | Sebille, Cassart                                   | 474         |
| moderncv           | A modern curriculum vitae class                                                                  | Danaux, Lachnit, Adlkofer                          | 200         |
| modernnewspaper    | A modern, Unicode-first newspaper package for $\LaTeX$                                           | Unknown                                            | 538         |
| modernposter       | A modern $\LaTeX$ poster theme                                                                   | Derler                                             | 204         |
| modernruler        | Flexible ruler and annotation commands with key-value support and vertical writing compatibility | Unknown                                            | 538         |
| moderntimeline     | Timelines for use with moderncv                                                                  | Pinson                                             | 420         |
| modes              | A collection of Metafont mode_def’s                                                              | Berry                                              | 160         |
| modguide           | The rules about modifying $\LaTeX$                                                               | $\LaTeX$ Team                                      | 428         |
| modiagram          | Drawing molecular orbital diagrams                                                               | Niederberger                                       | 387         |
| modref             | Customisation of cross-references in $\LaTeX$                                                    | de Beaudrap                                        | 152         |
| modroman           | Write numbers in lower case roman numerals                                                       | Henel                                              | 270         |
| modular            | Relative section headings for modular documents                                                  | Sank                                               | 459         |
| modulus            | A non-destructive modulus and integer quotient operator for $\TeX$                               | Goodman                                            | 247         |
| mohe-book          | Typeset authored, translated, and research books according to mohe rules                         | Nabavi                                             | 382         |
| mol2chemfig        | Convert chemical structures from MDL molfile format to chemfig source code                       | Palmer                                             | 407         |
| molocho            | Beamer theme based on Metropolis                                                                 | Larsson                                            | 329         |
| MonaSpace-OTF      | OpenType MonaSpace fonts with fontspec support                                                   | Pierquet                                           | 416         |
| mongolian-babel    | A language definition file for Mongolian in Babel                                                | Batumongke                                         | 151         |
| monofill           | Alignment of plain text                                                                          | Lück                                               | 348         |
| monster            | Obsolete name for Frankenstein                                                                   | Swift                                              | 503         |
| montex             | Mongolian $\LaTeX$                                                                               | Corff                                              | 195         |
| montserrat         | Montserrat sans serif, otf and pfb, with $\LaTeX$ support files                                  | Sharpe                                             | 478         |
| moodle             | Generating Moodle quizzes via $\LaTeX$                                                           | Hendrickson, Guerin-Kern                           | 269         |
| moonphase          | Font for representing the phases of the moon                                                     | Brabec                                             | 169         |
| moredefs           | LaTeX defining, expansion, and debugging commands                                                | Swift                                              | 503         |
| moreenum           | More enumeration options                                                                         | Bradley                                            | 169         |
| morefloats         | Increase the number of simultaneous $\LaTeX$ floats                                              | Hosek, Münch                                       | 278         |
| morehelp           | Improve $\LaTeX$ error messages                                                                  | Kummer                                             | 324         |
| morehype           | Hypertext tools for use with $\LaTeX$                                                            | Lück                                               | 348         |
| moremath           | Additional commands for typesetting maths                                                        | Ilg                                                | 282         |
| moresize           | Allows font sizes up to 35.83pt                                                                  | Cornelssen                                         | 196         |

| <i>Package</i>    | <i>Caption</i>                                                                | <i>Author</i>                                  | <i>Page</i> |
|-------------------|-------------------------------------------------------------------------------|------------------------------------------------|-------------|
| moreverb          | Extended verbatim                                                             | Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle | 221         |
| morewrites        | Always room for a new write stream                                            | Le Floch                                       | 229         |
| morisawa          | Enables selection of 5 standard Japanese fonts for pLaTeX + dvips             | Japanese T <sub>E</sub> X Team                 | 287         |
| morse             | Support for printing Morse code signs                                         | Heyl                                           | 272         |
| movement-arrows   | Drawing movement arrows on linguistic example sentences                       | Munn                                           | 379         |
| movie15           | Multimedia inclusion package                                                  | Grahn                                          | 249         |
| mp-geom2d         | Flat geometry with MetaPost                                                   | Chupin, Sarlat                                 | 192         |
| mp-neuralnetwork  | Drawing artificial neural networks with MetaPost and METAOBJ                  | Chupin                                         | 191         |
| threed            | 3D animations                                                                 | Roegel                                         | 448         |
| mparhack          | Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars               | Ulrich, Fischer                                | 531         |
| mparrows          | MetaPost module with different types of arrow heads                           | Jørgensen                                      | 291         |
| mpattern          | Patterns in MetaPost                                                          | Bolek                                          | 164         |
| MPchess           | Drawing chess boards and positions with MetaPost                              | Chupin                                         | 191         |
| mpcolornames      | Extend list of predefined colour names for MetaPost                           | Hennig                                         | 271         |
| mpdinbrief        | An enhanced version of dinbrief                                               | Pilzecker                                      | 420         |
| MPedit            | MetaPost text editor for Win32                                                | Vabishchevich                                  | 544         |
| mpfonts           | Computer Modern Type 3 fonts converted using MetaPost                         | Miller                                         | 369         |
| mpgraphics        | Process and display MetaPost figures inline                                   | Khalighi, bidi-tex GitHub Organisation         | 299         |
| mpkiviat          | MetaPost package to draw Kiviat diagrams                                      | Chupin                                         | 192         |
| mpman-ru          | A Russian translation of the MetaPost manual                                  | Hobby, Lidovski                                | 274         |
| mpostinl          | Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents       | Beisert                                        | 157         |
| MPstoEPS          | A converter from MetaPost output to Encapsulated PostScript                   | Henderson                                      | 269         |
| mptopdf           | Direct MetaPost graphics support in PDF                                       | Hagen                                          | 258         |
| mptrees           | Probability trees with MetaPost                                               | Péault                                         | 411         |
| mrcheckbib        | A BibTeX file verification tool                                               | Cagnol                                         | 178         |
| mrrecog           | Recognise un-escaped command names in maths                                   | Wentworth                                      | 568         |
| ms                | Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder           | Schröder                                       | 470         |
| msc               | Draw MSC diagrams                                                             | van Deursen, Bos, Mauw, Gil Pons               | 204         |
| msg               | A package for L <sup>A</sup> T <sub>E</sub> X localisation                    | Gaulle                                         | 239         |
| mslapa            | Michael Landy’s APA citation style                                            | Landy                                          | 328         |
| msu-thesis        | Class for Michigan State University Master’s and PhD theses                   | Munn                                           | 379         |
| msx2msa           | Simulate msxm and msym fonts using msam and msbm                              | Unknown                                        | 538         |
| msym              | A partial implementation of the old msym10 font                               | Horn                                           | 277         |
| mt11p             | Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X                   | Lím                                            | 338         |
| mtbe              | Macros for “Mathematical T <sub>E</sub> X by Example”                         | Borde                                          | 166         |
| mtex              | The pioneering music-in-TeX macros                                            | Steinbach, Schofer                             | 494         |
| mtgreek           | Use italic and upright greek letters with mathtime                            | Tinnefeld                                      | 525         |
| mtp2lite          | Subset of MathTime Pro 2 font set                                             | Spivak                                         | 490         |
| mucproc           | Conference proceedings for the German MuC-conference                          | Peischl                                        | 412         |
| mugstheiss        | Thesis class complying with Marquette University Graduate School requirements | Gessler                                        | 241         |
| muling            | MA Thesis class for the Department of Linguistics, University of Mumbai       | Unknown                                        | 538         |
| multenum          | Multi-column enumerated lists                                                 | Kletzing                                       | 307         |
| multi-sudoku      | Create and customise Sudoku grids of various sizes                            | Bartolo Alegre                                 | 138         |
| multiaudience     | Several versions of output from the same source                               | Veytsman                                       | 551         |
| multibbl          | Multiple bibliographies                                                       | Syropoulos                                     | 504         |
| multibib          | Multiple bibliographies within one document                                   | Hansen                                         | 261         |
| multibibliography | Multiple versions of a bibliography, with different sort orders               | Cohen, Haralambous, Veytsman                   | 193         |
| multibox          | Multiple boxes and frames for the picture environment                         | Hamilton Kelly                                 | 297         |
| multicap          | Format captions inside multicols                                              | Vassilogiorgakis                               | 546         |

| <i>Package</i>   | <i>Caption</i>                                                                                | <i>Author</i>                                                     | <i>Page</i> |
|------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| multicol         | Intermix single and multiple columns                                                          | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team                  | 372         |
| multicolpar      | Put successive paragraphs in different columns                                                | Orlandini, Hailperin                                              | 402         |
| multicolrule     | Decorative rules between columns                                                              | Hagen                                                             | 258         |
| multidef         | Quickly define several similar macros                                                         | Markey                                                            | 357         |
| multido          | A loop facility for Generic T <sub>E</sub> X                                                  | Van Zandt, Niepraschk, Voß                                        | 587         |
| multienv         | Multiple environments using a “key=value” syntax                                              | Scharrer                                                          | 462         |
| multiexpand      | Variations on the primitive command \expandafter                                              | Le Floch                                                          | 229         |
| multifootnote    | Multiple numbers for the same footnote                                                        | XU                                                                | 580         |
| multilang        | A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document | Grewe                                                             | 254         |
| multind          | Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents                                 | Long                                                              | 340         |
| multinotes       | Typesetting multilingual lecture notes and exercise sheets                                    | Evans                                                             | 219         |
| multiobjective   | Symbols for multiobjective optimisation etc.                                                  | Martí                                                             | 358         |
| multiple-choice  | LaTeX package for multiple-choice questions                                                   | Razavian                                                          | 436         |
| multirow         | Create tabular cells spanning multiple rows                                                   | van Oostrum, Leichter                                             | 402         |
| multitoc         | Set table of contents in multiple columns                                                     | Schröder, Peischl                                                 | 470         |
| munich           | An alternative authordate bibliography style                                                  | Brixner                                                           | 171         |
| musical          | Typeset (musical) theatre scripts                                                             | Howell                                                            | 279         |
| musicography     | Accessing symbols for music writing with pdfLaTeX                                             | Cashner                                                           | 183         |
| musictex         | Typesetting music with T <sub>E</sub> X                                                       | Taupin                                                            | 513         |
| musikui          | Easy creation of “arithmetical restoration” puzzles                                           | Kaneko                                                            | 293         |
| musixguit        | Easy notation for guitar music, in MusiXTeX                                                   | Niederberger                                                      | 387         |
| musixtex-egler   | Multi-pass music typesetting                                                                  | Egler, Taupin                                                     | 214         |
| musixtex-fonts   | Fonts used by MusiXTeX                                                                        | Tennent, Uchiyama, Taupin                                         | 519         |
| musixtex-t1fonts | Adobe Type 1 versions of MusiXTeX fonts                                                       | Uchiyama                                                          | 530         |
| MusiXTeX         | Sophisticated music typesetting                                                               | Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell | 519         |
| musixtnt         | A MusiXTeX extension library that enables transformations of the effect of notes commands     | Tennent                                                           | 517         |
| musuos           | Typeset papers for the department of music, Osnabrück                                         | Weh                                                               | 567         |
| thesis           | Classes for University of Manchester Dept of Computer Science                                 | Gough                                                             | 248         |
| mversion         | Keeping track of document versions                                                            | Schmeing                                                          | 464         |
| mwcls            | Polish-oriented document classes                                                              | Woliński                                                          | 576         |
| mwe              | Packages and image files for MWEs                                                             | Scharrer                                                          | 462         |
| mweights         | Support for multiple-weight font packages                                                     | Tennent                                                           | 517         |
| mwrite           | Write information to files                                                                    | Creutzig                                                          | 197         |
| mxd              | Support for Mongolian “horizontal” (Xewtee Dorwoljin) script                                  | Corff                                                             | 195         |
| mxedruli         | A pair of fonts for different Georgian alphabets                                              | Heinecke                                                          | 267         |
| mychemistry      | Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig                      | Niederberger                                                      | 387         |
| mycv             | A list-driven CV class, allowing TikZ decorations                                             | Gherzi                                                            | 241         |
| myfilist         | Configuring the output of the \listfiles command                                              | Lück                                                              | 348         |
| mylatex          | Make a format containing a document’s preamble                                                | Carlisle                                                          | 180         |
| mylatexformat    | Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file                | Chervet                                                           | 189         |
| myletter         | An old letter class                                                                           | Kielhorn                                                          | 301         |
| mynsfc           | XeLaTeX template for writing the main body of NSFC proposals                                  | Qi                                                                | 431         |
| <b>NNNNN</b>     |                                                                                               |                                                                   |             |
| na-border        | Decorative borders for texts in Arabic and French                                             | Mohamed, Laouidji                                                 | 373         |
| na-box           | Arabic-aware version of pas-cours package                                                     | Mohamed                                                           | 373         |
| na-position      | Tables of relative positions of curves and asymptotes or tangents in Arabic documents         | Mohamed, Laouidji                                                 | 373         |
| nabatean         | Font for Nabatean script                                                                      | Wilson                                                            | 573         |
| nag              | Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands                 | Schwarz                                                           | 473         |
| nahuatl          | Render nahuatl glyphs                                                                         | Alvarez Zavala                                                    | 588         |
| naive-ebnf       | EBNF in plain text                                                                            | Bugayenko                                                         | 174         |
| nameauth         | Name authority mechanism for consistency in body text and index                               | Schaum                                                            | 463         |



| <i>Package</i>     | <i>Caption</i>                                                                              | <i>Author</i>                                           | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------|
| named              | “Named” bibliography style                                                                  | Patel-Schneider                                         | 410         |
| namedef            | TeX definitions with named parameters                                                       | Oleinik                                                 | 400         |
| namedtensor        | Macros for named tensor notation                                                            | Chiang                                                  | 190         |
| nameref            | Make reference to section names, etc.                                                       | Oberdiek, Oberdiek Package Support Group, Rahtz         | 399         |
| namespc            | Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X                          | Dreyer                                                  | 209         |
| namunrt            | An unsorted BibTeX style with labels provided in the database                               | Unknown                                                 | 538         |
| nanicolle          | Typesetting herbarium specimen labels                                                       | Yang                                                    | 582         |
| nanumtype1         | Type1 subfonts of Nanum Korean fonts                                                        | Kim                                                     | 302         |
| nar                | BibTeX style for Nucleic Acid Research                                                      | Schneider                                               | 468         |
| nassflow           | Drawing Nassi-Shneiderman diagrams and flowcharts                                           | Lindhout, van Geest, Braams                             | 339         |
| natbib             | Flexible bibliography support                                                               | Daly, Ogawa                                             | 200         |
| natded             | Typeset natural deduction proofs                                                            | Ajalooeian                                              | 138         |
| Nath               | Natural mathematics notation                                                                | Marvan                                                  | 358         |
| natmove            | Move punctuation following a citation                                                       | Wright, Arseneau                                        | 578         |
| nature             | Prepare papers for the journal Nature                                                       | Czoschke                                                | 198         |
| navigator          | PDF features across formats and engines                                                     | Isambert                                                | 283         |
| navydocs           | Support for Technical Reports by US Navy Organizations                                      | Rochford                                                | 447         |
| nb4latex           | Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X                                        | Milanese                                                | 368         |
| nbaseprt           | Print numbers in non-decimal bases                                                          | Harders                                                 | 263         |
| nbaskerv           | Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe | Veytsman                                                | 551         |
| nccbbb             | “Poor man’s” blackboard bold                                                                | Rozhenko                                                | 455         |
| nccboxes           | Elaborate box commands                                                                      | Rozhenko                                                | 456         |
| ncccomma           | Use comma as decimal separator in mathematics                                               | Rozhenko                                                | 456         |
| ncccropbox         | Crop-marked boxes                                                                           | Rozhenko                                                | 456         |
| ncccropmark        | Draw cropmarks on the output page                                                           | Rozhenko                                                | 456         |
| nccfancyhdr        | Extensive control of page headers and footers                                               | Rozhenko                                                | 456         |
| nccfloats          | Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms                          | Rozhenko                                                | 456         |
| nccfoots           | User-generated footnote marks                                                               | Rozhenko                                                | 456         |
| NCC-LaTeX          | An extended general-purpose class                                                           | Rozhenko                                                | 455         |
| nccmath            | Extended mathematics capabilities                                                           | Rozhenko                                                | 456         |
| nccparskip         | Modify skips between paragraphs                                                             | Rozhenko                                                | 456         |
| nccpic             | Extend the graphicx package for more formats                                                | Rozhenko                                                | 456         |
| nccrules           | Compose dashed lines                                                                        | Rozhenko                                                | 456         |
| nccsect            | A re-implementation of sections, captions and tocs                                          | Rozhenko                                                | 456         |
| ncstretch          | Insert a stretch between each token of a string                                             | Rozhenko                                                | 456         |
| nccthm             | Another theorem environment                                                                 | Rozhenko                                                | 456         |
| ncctools           | A collection of general packages for L <sup>A</sup> T <sub>E</sub> X                        | Rozhenko                                                | 456         |
| nChairX            | Maths macros from chair X of Würzburg University                                            | Dippell                                                 | 206         |
| nddiss             | Notre Dame Dissertation format class                                                        | Vijay, Brower                                           | 553         |
| ndsu-thesis-2022   | North Dakota State University disquisition class 2022                                       | Cannayen                                                | 179         |
| ndsu-thesis        | North Dakota State University disquisition class                                            | Thorne, Feickert, Totushek                              | 524         |
| NEdit-LaTeX-Ext... | The L <sup>A</sup> T <sub>E</sub> X-Mode is a set of macros for the NEdit text editor       | Fischer                                                 | 227         |
| needspace          | Insert pagebreak if not enough space                                                        | L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wilson | 429         |
| NL hyphenation     | Hyphenation patterns for Dutch                                                              | Tutelaers                                               | 530         |
| nemocal            | Calendar maker                                                                              | Jeong                                                   | 289         |
| neoschool          | LaTeX class for teachers                                                                    | Ikhlef                                                  | 282         |
| nestquot           | Alternate quotes between double and single with nesting                                     | Hars                                                    | 265         |
| neufont            | New font installation                                                                       | Lorenz                                                  | 344         |
| neuralnetwork      | Graph-drawing for neural networks                                                           | Cowan                                                   | 197         |
| neuron             | BibTeX style for the journal Neuron                                                         | Rizzuto                                                 | 443         |
| nevelok            | LaTeX package for automatic definite articles for Hungarian                                 | Bodo                                                    | 164         |
| newalg             | Format algorithms like Cormen, Leiserson and Rivest                                         | Farnbach, Furnanz                                       | 223         |

| <i>Package</i>     | <i>Caption</i>                                                                | <i>Author</i>                                    | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| newapa             | Another APA citation mechanism                                                | Spencer, Ryu                                     | 489         |
| newcastle-bst      | A BibTeX style to format reference lists in the Harvard at Newcastle style    | Briggs                                           | 171         |
| newclude           | Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X             | Swift                                            | 503         |
| newcommand         | Generate new L <sup>A</sup> T <sub>E</sub> X command definitions              | Pakin                                            | 406         |
| NewComputerModern  | Computer Modern fonts including matching non-latin alphabets                  | Tsolomitis                                       | 529         |
| newenviron         | Processing an environment's body                                              | Musa                                             | 381         |
| newfile            | User level management of L <sup>A</sup> T <sub>E</sub> X input and output     | Robertson, Wilson                                | 446         |
| newfloat           | Define new floating environments                                              | Sommerfeldt                                      | 488         |
| newinsert          | Reworking Plain T <sub>E</sub> X's insert macros                              | Neumann                                          | 385         |
| newl <sub>fm</sub> | Write letters, facsimiles, and memos                                          | Thompson                                         | 523         |
| newpax             | Experimental package to extract and reinsert PDF annotations                  | Fischer                                          | 228         |
| newproof           | Make commands to define proofs                                                | Piff, Fairbairns, Carlisle                       | 419         |
| newpx              | Alternative uses of the PX fonts, with improved metrics                       | Sharpe                                           | 478         |
| newsletr           | Macros for making newsletters with Plain T <sub>E</sub> X                     | Goatley                                          | 245         |
| newspaper          | Typeset newsletters to resemble newspapers                                    | Allen, Griffith                                  | 140         |
| newthm             | Obsolete version of ntheorem                                                  | Schlechte                                        | 464         |
| newtx              | Alternative uses of the TX fonts, with improved metrics                       | Sharpe                                           | 478         |
| newtxsf            | Sans-math fonts for use with newtx                                            | Sharpe                                           | 478         |
| newtxtt            | Enhancement of typewriter fonts from newtx                                    | Sharpe                                           | 478         |
| newunicodechar     | Definitions of the meaning of Unicode characters                              | Gregorio                                         | 253         |
| newvbtm            | Define your own verbatim-like environment                                     | Khalighi, Nakashima                              | 300         |
| newverbs           | Define new versions of \verb, including short verb versions                   | Scharrer                                         | 462         |
| nextpage           | Generalisations of the page advance commands                                  | Robertson, Wilson                                | 446         |
| nexus-otf          | Supporting for the Nexus OpenType or True Type Fonts                          | Voß                                              | 557         |
| nfssext-cfr        | Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS                        | Rees, Lehman                                     | 438         |
| nfssfont           | Typesetting font tables using L <sup>A</sup> T <sub>E</sub> X's NFSS notation | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team | 372         |
| ngerman            | Support for new German typography                                             | Raichle                                          | 434         |
| nicefilelist       | Provide \listfiles alignment                                                  | Lück                                             | 348         |
| nicefrac           | Typeset in-line fractions in a "nice" way                                     | Reichert                                         | 439         |
| niceframe-type1    | Type 1 versions of the fonts recommended in niceframe                         | Niepraschk                                       | 388         |
| niceframe          | Support for fancy frames                                                      | Ohlhaut                                          | 400         |
| nicematrix         | Improve the typesetting of mathematical matrices with PGF                     | Pantigny                                         | 408         |
| nicetext           | Minimal markup for simple text (Wikipedia style) and documentation            | Lück                                             | 348         |
| niceverb           | Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages    | Lück                                             | 348         |
| nidanfloat         | Bottom placement option for double float in two column mode (nidan-kumi)      | Japanese T <sub>E</sub> X Team                   | 287         |
| nih                | A class for NIH grant applications                                            | Donald                                           | 207         |
| nihbiosketch       | A class for NIH biosketches based on the 2015 updated format                  | Magwene                                          | 355         |
| nimbus15           | Support files for Nimbus 2015 Core fonts                                      | Sharpe                                           | 478         |
| nimsticks          | Draws sticks for games of multi-pile Nim                                      | Rowlett                                          | 455         |
| ninecolors         | Select colors with proper WCAG color contrast                                 | Lyu                                              | 352         |
| NJUrepo            | Reports for Nanjing University                                                | Zheng                                            | 590         |
| njustthesis        | Thesis template for the Nanjing University of Science and Technology          | Zhenyu                                           | 590         |
| njuthesis          | LaTeX thesis template for Nanjing University                                  | Zhao, Xiong                                      | 589         |
| njuvisual          | Display logos related to Nanjing University                                   | Xiong                                            | 580         |
| nkarta             | A "new" version of the karta cartographic fonts                               | Luecking                                         | 349         |
| nl-interval        | Represent intervals on the number line                                        | Neves                                            | 385         |
| nlatexdb           | Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)     | Höns                                             | 277         |
| nlctdoc            | Package documentation class                                                   | Talbot                                           | 510         |
| nmbib              | Multiple versions of a bibliography, with different sort orders               | Veytsman                                         | 551         |
| nndraw             | Draw neural networks                                                          | Dias                                             | 205         |
| nnext              | Extension for the gb4e package                                                | LaCara                                           | 326         |
| nnfootnote         | "No number" footnotes                                                         | Ellison                                          | 216         |
| noconflict         | Resolve macro name conflict between packages                                  | Hossain                                          | 279         |

| <i>Package</i>    | <i>Caption</i>                                                                                    | <i>Author</i>                               | <i>Page</i> |
|-------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------|-------------|
| nodephtext        | Change small texts to remove the depth of the letters                                             | Pierquet                                    | 416         |
| nodetree          | Visualize node lists in a tree view                                                               | Friedrich                                   | 235         |
| nofill            | Preserve spaces and line breaks when setting text                                                 | Unknown                                     | 538         |
| nohyph            | Norwegian hyphenation                                                                             | Kleveland, Selberg, Hufthammer              | 307         |
| nohyphbx          | General hyphenation patterns for Norwegian                                                        | Kleveland, Selberg                          | 307         |
| noindentafter     | Prevent paragraph indentation after environments or macros                                        | Helvensteijn, Hanisch                       | 269         |
| noitcrul          | Improved underlines in mathematics                                                                | Ebermann                                    | 213         |
| noibreaks         | No line breaks in text                                                                            | Arseneau                                    | 143         |
| nomencl           | Produce lists of symbols as in nomenclature                                                       | Veytsman, Radhakrishnan, Netherton, Schandl | 552         |
| nomentbl          | Nomenclature typeset in a longtable                                                               | Elmegaard                                   | 216         |
| non-decimal-units | Display and manipulate historical non-decimal units                                               | Eriksen                                     | 218         |
| nonfloat          | Non-floating table and figure captions                                                            | Rascher                                     | 436         |
| nonumonpart       | Prevent page numbers on part pages                                                                | Henel                                       | 270         |
| nopageno          | No page numbers in $\LaTeX$ documents                                                             | Carlisle                                    | 181         |
| noprot            | Avoid the need for protection                                                                     | Sozuer                                      | 488         |
| norbib            | Norwegian bibliography styles                                                                     | Langmyhr                                    | 329         |
| normalcolor       | Changing <code>\normalcolor</code>                                                                | Kohm                                        | 315         |
| nostarch          | $\LaTeX$ class for No Starch Press                                                                | Veytsman                                    | 551         |
| NoteBeamer        | A template for printing presentations on notepaper                                                | Xia                                         | 579         |
| notes             | Mark sections of a document                                                                       | Webb                                        | 566         |
| notes2bib         | Integrating notes into the bibliography                                                           | Wright                                      | 577         |
| NotesPages        | Filling documents with notes pages and notes areas                                                | Kaufmann                                    | 296         |
| NotesTeX          | An all-in-one $\LaTeX$ notes package for students                                                 | Dhumuntarao                                 | 205         |
| noTeX-bst         | A BibTeX style that outputs HTML                                                                  | Vigna                                       | 552         |
| noto-emoji        | Noto Emoji fonts                                                                                  | Zeng                                        | 588         |
| noto              | Support for Noto fonts                                                                            | Tennent                                     | 517         |
| notoccite         | Prevent trouble from citations in table of contents, etc.                                         | Arseneau                                    | 143         |
| notoCJKsc         | This package provides Noto CJK fonts                                                              | Unknown, Zhou                               | 543         |
| notocondensed     | Support for the condensed variants of the Noto fonts                                              | Tennent                                     | 517         |
| notomath          | Math support for Noto fonts                                                                       | Sharpe                                      | 478         |
| NovaBeamer-Theme  | A flexible and customizable $\LaTeX$ theme for creating professional presentations                | Martelli                                    | 358         |
| novel             | Class for printing fiction, such as novels                                                        | Allgeyer                                    | 140         |
| noweb             | A simple extensible literate programming tool                                                     | Ramsey                                      | 435         |
| nowidow           | Avoid widows                                                                                      | Pinson                                      | 420         |
| nox               | Adaptable tables                                                                                  | Borck-Elsner, Schöpf                        | 166         |
| npp-for-context   | ConTeXt plugin for Notepad++                                                                      | Scarso, Hamid                               | 460         |
| nrc               | Class for the NRC technical journals                                                              | Fairbairns, Thiele                          | 221         |
| nstc-proposal     | $\LaTeX$ classes for preparing grant proposals to National Science and Technology Council, Taiwan | Chen                                        | 187         |
| ntabbing          | Simple tabbing extension for automatic line numbering                                             | Stupp                                       | 500         |
| ntg-maps          | The NTG's journal MAPS                                                                            | Nederlandstalige TeX Gebruikersgroep        | 383         |
| ntg               | Dutch $\TeX$ Users Group information                                                              | Unknown                                     | 538         |
| ntgclass          | "European" versions of standard classes                                                           | Eijkhout, Braams                            | 215         |
| nth               | Generate English ordinal numbers                                                                  | Arseneau                                    | 143         |
| ntheorem-vn       | Vietnamese translation of documentation of <code>ntheorem</code>                                  | Huynh                                       | 282         |
| ntheorem          | Enhanced theorem environment                                                                      | May, Schedler                               | 362         |
| NTS-L             | NTS mailing list digests                                                                          | Unknown                                     | 538         |
| NTS               | New Typesetting System                                                                            | The NTS Project                             | 522         |
| ntsfaq            | Frequently answered questions about $\TeX$ extension                                              | Knappen                                     | 308         |
| nuc               | Notation for nuclear isotopes                                                                     | Davis                                       | 202         |
| nucleardata       | Provides data about atomic nuclides for documents                                                 | Nettles                                     | 383         |

| <i>Package</i> | <i>Caption</i>                                                                           | <i>Author</i>                 | <i>Page</i> |
|----------------|------------------------------------------------------------------------------------------|-------------------------------|-------------|
| numalg         | BibTeX style for Kluwer's Numerical Algorithms                                           | Mathar                        | 359         |
| numberedblock  | Print a block of code, with unique index number                                          | Segletes                      | 474         |
| numberpt       | Counters spelled out in Portuguese                                                       | Frasson                       | 233         |
| numbersets     | Display number sets with customizable typefaces                                          | Noguchi                       | 390         |
| numending      | Generates morphological end of units                                                     | Kirillova                     | 303         |
| numera-plus    | Iteration and recurrence relations: finding fixed points, zeros and extrema of functions | Parsloe                       | 409         |
| numera-tables  | Create multi-column tables of mathematical functions                                     | Parsloe                       | 409         |
| numera         | Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form    | Parsloe                       | 409         |
| numericplots   | Plot numeric data (including Matlab export) using PSTricks                               | König, Michel                 | 317         |
| numline        | LaTeX macros for numbering lines                                                         | Jaegermann, Fortune           | 286         |
| numname        | Convert a number to its English expression                                               | Swamidass                     | 502         |
| numameru       | Converts a number to the russian spelled out name                                        | Vit                           | 553         |
| numprint       | Print numbers with separators and exponent if necessary                                  | Harders                       | 263         |
| numspell       | Spelling cardinal and ordinal numbers                                                    | Tómacs                        | 526         |
| Nunito         | The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX       | Ebinger                       | 214         |
| nwafuthesis    | A thesis template package for Northwest A&F University, China                            | Geng                          | 240         |
| nwejm          | Support for the journal "North-Western European Journal of Mathematics"                  | Bitouzé                       | 162         |
| NxuThesis      | Thesis template for Ningxia University                                                   | Bao                           | 149         |
| <b>OOOOO</b>   |                                                                                          |                               |             |
| oands          | Glyphs used when transliterating ancient scripts                                         | Wilson                        | 573         |
| obas           | Web based interface to a bibliographical database                                        | van Heerden                   | 266         |
| oberdiek       | A bundle of packages submitted by Heiko Oberdiek                                         | Oberdiek                      | 396         |
| objectz        | Macros for typesetting Object Z                                                          | Rahtz, Leadbetter             | 434         |
| obnov          | Obyknovennaya Novaya fonts                                                               | Solomykov                     | 487         |
| obsolete       | A tree holding obsolete software                                                         | Unknown                       | 538         |
| oca            | OCR A font                                                                               | Wales                         | 563         |
| occam          | Strip unnecessary macros from a file                                                     | Siebenmann                    | 482         |
| ocg-p          | PDF OCG support in L <sup>A</sup> T <sub>E</sub> X                                       | Moshhammer                    | 376         |
| ocgtools       | Manipulate OCG layers in PDF presentations                                               | Mařík                         | 357         |
| ocgx           | Use OCGs within a PDF document without JavaScript                                        | Gaborit                       | 237         |
| ocgx2          | Drop-in replacement for 'ocgx' and 'ocg-p'                                               | Grahn                         | 249         |
| ochem          | Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X                           | Klöckl                        | 308         |
| ocherokee      | LaTeX Support for the Cherokee language                                                  | Syropoulos                    | 504         |
| ocr-a          | Fonts for OCR-A                                                                          | Wales, Lillqvist              | 564         |
| ocr-b-outline  | OCR-B fonts in Type 1 and OpenType                                                       | Wagner                        | 563         |
| ocr-b          | Fonts for OCR-B                                                                          | Schwarz                       | 473         |
| ocr-latex      | LaTeX support for ocr fonts                                                              | Jørgensen                     | 291         |
| octave         | Typeset musical pitches with octave designations                                         | Cashner                       | 184         |
| octavo         | Typeset books following classical design and layout                                      | Revets                        | 440         |
| odesandpdes    | Optimizing workflow involving odes and pdes                                              | McMullen-Diermayr             | 364         |
| odsfile        | Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables        | Hoftich                       | 276         |
| oesch          | Font to provide the Österreichische Schulschrift                                         | Bachmaier                     | 147         |
| ofntinst       | Install Type 1 for use with Omega                                                        | Kryukov                       | 322         |
| ofs            | Macros for managing large font collections                                               | Olšák                         | 401         |
| ogham          | Fonts for typesetting Ogham script                                                       | Stanier, Fairbairns, Carlisle | 493         |
| ogonek         | Support for Polish typography and the ogonek                                             | Bień                          | 161         |
| oinuit         | LaTeX Support for the Inuktitut Language                                                 | Syropoulos                    | 504         |
| okuda          | Fonts for Klingon                                                                        | Kummer, Shoulson              | 324         |
| old-arrows     | Computer Modern old-style arrows with smaller arrowheads                                 | Dossena                       | 208         |
| old-faq-en     | An early FAQ in English                                                                  | Bodenheimer                   | 164         |
| old-fontch     | Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)         | Medina                        | 365         |
| oldlatin       | Compute Modern-like font with long s                                                     | Terashita                     | 519         |
| oldprsn        | Fonts old Persian cuneiform script                                                       | Wilson                        | 573         |

| <i>Package</i>     | <i>Caption</i>                                                                          | <i>Author</i>                               | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------|---------------------------------------------|-------------|
| OldStandard        | OldStandard fonts with $\LaTeX$ support                                                 | Kryukov, Lečić, Alessi, Tennent, Tsolomitis | 322         |
| OldStandardT1      | Type 1 versions of Old Standard fonts with $\LaTeX$ support                             | Tennent                                     | 517         |
| oldstyle           | Old style numbers in OT1 encoding                                                       | Fairbairns, Carlisle                        | 220         |
| oletex             | OLE - $\LaTeX$ interface                                                                | Trifonov                                    | 528         |
| olsak-misc         | Collection of plain $\TeX$ macros written by Petr Olšák                                 | Olšák                                       | 401         |
| omega              | A wide-character-set extension of $\TeX$                                                | Haralambous, Plaice                         | 262         |
| omgtudoc-asoiu     | A class for documents of the ASOIU department at Omsk State Technical University        | Kondratenko                                 | 317         |
| 12many             | Generalising mathematical index sets                                                    | Schwarz                                     | 473         |
| OneDown            | Typeset Bridge Diagrams                                                                 | Wiersma                                     | 570         |
| onepagem           | If the document has only one page, omit page number                                     | Piff, Fairbairns, Carlisle                  | 419         |
| onepgnote          | Space-efficient one-page notes for exams                                                | He                                          | 266         |
| onlyamsmath        | Inhibit use of non-amsmath mathematics markup when using amsmath                        | Harders                                     | 263         |
| onrannual          | Class for Office of Naval Research Ocean Battlespace Sensing annual report              | Maxwell                                     | 362         |
| oops               | A framework for making definitions, typically mathematical, inline                      | Rogard                                      | 449         |
| opacity-pro        | Set transparency and blend mode                                                         | Story                                       | 498         |
| OpBible            | Creating a study Bible with OpTeX                                                       | Olšák                                       | 401         |
| opcit              | Footnote-style bibliographical references                                               | Garcia-De Castro                            | 184         |
| open-everyday-s... | A list of “everyday” symbols, to be extended by everybody                               | Bercher                                     | 159         |
| opencolor          | Definitions from the Open Color library                                                 | Piazzai                                     | 414         |
| openmoji           | Use openmoji through $\LaTeX$ commands                                                  | Pierquet                                    | 416         |
| opensans           | The Open Sans font family, and $\LaTeX$ support                                         | El Morabity                                 | 374         |
| oPlotSymbl         | Some symbols which are not easily available                                             | Döhring                                     | 206         |
| opteng             | SPIE Optical Engineering and OE Letters manuscript template                             | Egan                                        | 214         |
| OpTeX              | LuaTeX format based on Plain $\TeX$ and OPmac                                           | Olšák                                       | 401         |
| OpTeXcount         | Python script for counting words in OpTeX documents                                     | Hartmann                                    | 265         |
| optidef            | Environments for writing optimization problems                                          | Lago Garcia                                 | 239         |
| optikz             | Customizable optical components for drawing laser setups and optical systems using TikZ | Beyer                                       | 161         |
| optional           | Facilitate optional printing of parts of a document                                     | Arseneau                                    | 143         |
| options            | Provides convenient key-value options for $\LaTeX$ package writers                      | Leijen                                      | 334         |
| optparams          | Macros with multiple optional parameters                                                | Sauer                                       | 460         |
| orcidlink          | Insert hyperlinked ORCID logo                                                           | Stein                                       | 494         |
| Orderer            | Order references in a $\TeX$ file                                                       | Siddikov                                    | 481         |
| orderrefs          | Sort bibliography in $\LaTeX$ document by order of citation                             | Collins                                     | 194         |
| ordinalpt          | Counters as ordinal numbers in Portuguese                                               | Frasson                                     | 233         |
| oriental           | A version of $\TeX$ for which Oriental languages are native                             | Prosoft International                       | 430         |
| orientation        | Set page orientation with dvips/Ghostscript (ps2pdf)                                    | Miller                                      | 369         |
| oriya              | Typesetting the Oriya script using $\TeX$                                               | Hellingman, Pandey                          | 268         |
| orkhun             | A font for orkhun script                                                                | Rakhimov                                    | 435         |
| os2tex             | A distribution of $\TeX$ for OS/2 Warp                                                  | Kleinböhl                                   | 307         |
| osa                | Macros for Optical Society of America Journals, etc.                                    | Optical Society of America                  | 402         |
| oscola             | BibLaTeX style for the Oxford Standard for the Citation of Legal Authorities            | Stanley                                     | 493         |
| OSDA               | Commands for Proceedings of the Workshop on Open-Source Design Automation               | Krieg                                       | 320         |
| osmanian           | Osmanian font for writing Somali                                                        | Stanier                                     | 492         |
| oststud            | Templates for the student organization at OST FH, Switzerland                           | Pross                                       | 430         |
| Oswald             | The Oswald family of fonts with support for $\LaTeX$ and pdfLaTeX                       | Ebinger                                     | 214         |
| ot-tableau         | Optimality Theory tableaux in $\LaTeX$                                                  | Baker                                       | 147         |
| ot2cyr             | Macros, metrics, etc., to use the OT2 Cyrillic encoding                                 | Rahtz                                       | 433         |
| OT2Woff            | OpenType to Woff converter                                                              | Frane Jr                                    | 292         |



| <i>Package</i>     | <i>Caption</i>                                                                                    | <i>Author</i>              | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------------|----------------------------|-------------|
| otfinst            | Install OpenType fonts for use in T <sub>E</sub> X/LaTeX systems                                  | Owens                      | 404         |
| otftofd            | Generate control files for OpenType fonts                                                         | Washburn                   | 566         |
| othello            | Modification of a Go package to create othello boards                                             | le Comte                   | 195         |
| othelloboard       | Typeset Othello (Reversi) diagrams of any size, with annotations                                  | Hall                       | 260         |
| ou-tma             | A package to aid in the writing of Tutor Marked Assessments for the Open University               | Riley                      | 442         |
| oubraces           | Braces over and under a formula                                                                   | Arseneau                   | 144         |
| oup-authoring-t... | A general template for journals published by Oxford University Press (OUP)                        | Jones                      | 290         |
| outerhbox          | Collect horizontal material for contributing to a paragraph                                       | Fine                       | 226         |
| OutilsGeomTikZ     | Some geometric tools, with TikZ                                                                   | Pierquet                   | 416         |
| outline            | List environment for making outlines                                                              | Halvorson, Flaxman         | 260         |
| outliner           | Change section levels easily                                                                      | Eijkhout                   | 215         |
| outlines           | Produce “outline” lists                                                                           | Pecheur                    | 411         |
| outlining          | Create outlines for scientific documents                                                          | Block                      | 163         |
| outoruby           | Ruby with line break support for Japanese text                                                    | Unknown                    | 538         |
| oval               | Round-cornered framed boxes                                                                       | Schalück                   | 461         |
| ovalfbox           | Boxes with frames whose corners are rounded                                                       | Unknown                    | 538         |
| overarrows         | Custom extensible arrows over math expressions                                                    | Labbé                      | 326         |
| overcite           | Compressed lists of superscript numerical citations                                               | Arseneau                   | 144         |
| overlays           | Incremental slides                                                                                | Nolda                      | 390         |
| overlock           | Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support                                  | Tennent                    | 517         |
| overpic            | Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics                           | Niepraschk                 | 388         |
| overrightarrow     | Doubled “over” arrow                                                                              | Kilfiger                   | 301         |
| overword           | Parse text                                                                                        | Bennett                    | 159         |
| oxford             | A BibTeX style geared for use in the humanities                                                   | Antman                     | 141         |
| oxtex-fonts        | Fonts packaged for use in OzTeX                                                                   | López-Valencia, de Bogotá  | 344         |
| OzTeX-german       | German packaging of OzTeX                                                                         | Meyer-Lerbs                | 367         |
| oxtex              | TeX for the Macintosh                                                                             | Trevorrow                  | 527         |
| <b>PPPPP</b>       |                                                                                                   |                            |             |
| pacioli            | Fonts designed by Fra Luca de Pacioli in 1497                                                     | Wilson                     | 573         |
| packdoc            | Document L <sup>A</sup> T <sub>E</sub> X packages in a consistent way                             | Moreira                    | 375         |
| padauk             | A high-quality TrueType font that supports the many diverse languages that use the Myanmar script | Tennent, SIL International | 519         |
| padcount           | Pad numbers with arbitrary characters                                                             | Goodman                    | 247         |
| pagecolor          | Interrogate page color                                                                            | Münch                      | 377         |
| pagecont           | Page numbering that continues between documents                                                   | Frasson                    | 233         |
| pagedraw           | Drawing program with EPS output                                                                   | Karunakaran                | 295         |
| pagefoots          | Footnote numbering per page                                                                       | Schellenberger, Hankerson  | 463         |
| pageframe          | Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09                                | Smith                      | 485         |
| pagegrid           | Print page grid in background                                                                     | Oberdiek                   | 396         |
| pagelayout         | Layout graphic rich documents                                                                     | Bartels                    | 150         |
| pagella-otf        | Using the OpenType fonts T <sub>E</sub> X Gyre Pagella                                            | Voß                        | 558         |
| pageno             | Page number-only page styles                                                                      | McDonnell                  | 363         |
| pagenote           | Notes at end of document                                                                          | Robertson, Wilson          | 446         |
| pagerange          | Flexible and configurable page range typesetting                                                  | Musa                       | 381         |
| pagereference      | Labels and references in Plain T <sub>E</sub> X                                                   | Ungar                      | 532         |
| pagesel            | Select pages of a document for output                                                             | Oberdiek                   | 396         |
| pagesLTS           | Variants of last page labels                                                                      | Münch                      | 378         |
| palatino-nfss      | Select Adobe Palatino as default text font                                                        | Rahtz                      | 433         |
| palette            | Create palettes for colors and symbols that can be swapped in                                     | Chen                       | 187         |
| palladam           | A Tamil font for Macintosh users                                                                  | Govindaraj                 | 249         |
| panda              | A package to estimate the blackness of fonts                                                      | Unknown                    | 538         |
| pandora-latex      | LaTeX support for the Pandora fonts                                                               | Jørgensen                  | 291         |
| pandora-type1      | The Pandora font family                                                                           | McPhee, Billawala          | 365         |

| <i>Package</i>   | <i>Caption</i>                                                             | <i>Author</i>                              | <i>Page</i> |
|------------------|----------------------------------------------------------------------------|--------------------------------------------|-------------|
| pandora          | The Pandora font family                                                    | Billawala                                  | 162         |
| pangram          | A $\LaTeX$ package for testing fonts                                       | Zhang                                      | 589         |
| PanneauxRoute    | Commands to display French road signs (vector graphics)                    | Pierquet                                   | 416         |
| paper            | Versions of article class, tuned for scholarly publications                | Matiaske                                   | 360         |
| papercdcase      | Origami-style folding paper CD case                                        | Dussa                                      | 212         |
| papermas         | Compute the mass of a printed version of a document                        | Münch                                      | 378         |
| papertex         | Class for newspapers, etc.                                                 | Llopis                                     | 339         |
| PapierGurvan     | Commands to work with Gurvan Paper                                         | Pierquet                                   | 416         |
| paracol          | Multiple columns with texts “in parallel”                                  | Nakashima, Kurtz                           | 382         |
| parades          | Tabulators and space between paragraphs in galley approach                 | Parashchenko                               | 409         |
| paragraphs       | Paragraph “tricks” macros                                                  | Unknown                                    | 538         |
| paralist         | Enumerate and itemize within paragraphs                                    | Schendl                                    | 461         |
| parallel         | Typeset parallel texts                                                     | Eckermann                                  | 214         |
| paratype         | LaTeX support for free fonts by ParaType                                   | Farar                                      | 222         |
| parboxx          | Two extra alignment options for <code>\parbox</code>                       | Knappen                                    | 309         |
| parcolumns       | Multiple column parallel typesetting                                       | Sauer                                      | 460         |
| paresse          | Define simple macros for greek letters                                     | Henel                                      | 270         |
| parisa           | Parisa family of fonts                                                     | Khalighi, bidi-tex GitHub Organisation     | 299         |
| parnotes         | Notes after every paragraph (or elsewhere)                                 | Hughes                                     | 281         |
| parrun           | Typesets (two) streams of text running parallel                            | Dominici                                   | 207         |
| parsa            | A $\LaTeX$ package for theses and dissertations at Iranian Universities    | Rasuli                                     | 436         |
| parselines       | Apply a macro to each line of an environment                               | Chervet                                    | 189         |
| parsimatn        | Contemporary Persian font for scientific and formal writings               | Kazemi                                     | 296         |
| parsinevis       | “Scheherazade New” adapted for Persian typesetting and scientific writings | Kazemi, SIL International                  | 296         |
| parsitex         | A localized Persian and bidirectional extension of $\TeX$                  | Khalighi, bidi-tex GitHub Organisation     | 299         |
| parskip          | Layout with zero <code>\parindent</code> , non-zero <code>\parskip</code>  | Fairbairns, Partl, Mittelbach              | 221         |
| parstat          | A Paragraph statistic package for OpTeX                                    | Krajník                                    | 319         |
| pas-cours        | Macros useful in preparing teaching material                               | Pasquet                                    | 410         |
| pas-crosswords   | Creating crossword grids, using TikZ                                       | Pasquet                                    | 410         |
| pas-cv           | Flexible typesetting of Curricula Vitae                                    | Pasquet                                    | 410         |
| pas-tableur      | Create a spreadsheet layout                                                | Pasquet                                    | 410         |
| pascaltriangle   | Draw beautiful Pascal (Yanghui) triangles                                  | Geng                                       | 240         |
| passivetex       | Support package for XML/SGML typesetting                                   | Rahtz                                      | 433         |
| passopt          | Passing options to packages or classes                                     | Yi                                         | 585         |
| patch            | Patch loaded packages, etc.                                                | Kastrup                                    | 295         |
| patchcmd         | Change the definition of an existing command                               | Downes                                     | 208         |
| patgen           | Generate hyphenation patterns                                              | Liang, Breitenlohner, $\TeX$ Live, Rokicki | 337         |
| patgen2-tutorial | A tutorial on the use of Patgen 2                                          | Haralambous                                | 261         |
| path             | Typeset paths, making them breakable                                       | Taylor                                     | 513         |
| pats-resume      | A $\LaTeX$ template for your resume                                        | Benito Eberhard                            | 212         |
| pauldoc          | German $\LaTeX$ package documentation                                      | Ebermann                                   | 213         |
| pawpict          | Using graphics from PAW                                                    | Holm Christensen                           | 191         |
| pax              | Extract and reinsert PDF annotations with pdfTeX                           | Oberdiek, Roucariès                        | 399         |
| pb-diagram       | A commutative diagram package using LAMSTeX or Xy-pic fonts                | Burchard                                   | 175         |
| pbalance         | Balance last page in two-column mode                                       | Lago                                       | 327         |
| pbibtex-base     | Bibliography styles and miscellaneous files for pBibTeX                    | Maeda, Japanese $\TeX$ Team                | 354         |
| pbibtex-manual   | Documentation files for (u)pBibTeX                                         | Japanese $\TeX$ Team                       | 287         |
| pbm2tex          | Translate PBM format to $\LaTeX$                                           | Barth                                      | 150         |
| pbmto gf         | Convert PBM images to GF font files                                        | Wong                                       | 576         |
| PBMtoPK          | Conversion between PBM and PK formats                                      | Duggan                                     | 210         |
| pbox             | A variable-width <code>\parbox</code> command                              | Law                                        | 331         |

| <i>Package</i>     | <i>Caption</i>                                                                | <i>Author</i>                                | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------|----------------------------------------------|-------------|
| pbsheet            | Problem sheet class                                                           | Chafaï                                       | 185         |
| pcarl              | LaTeX Support for Adobe Caslon Open Face                                      | Veytsman                                     | 551         |
| pcfonts            | Hebrew fonts for use on DOS PCs                                               | Porrat                                       | 423         |
| pclnfs             | Font support for current PCL printers                                         | Harcke                                       | 262         |
| pdf-toolkit        | A Toolkit for Creating Janiform Data Documents                                | Bender                                       | 158         |
| pdcmac             | Damian Cugley's document tools                                                | Cugley                                       | 198         |
| pdf-forms-tutorial | Tutorial on creating PDF forms using pdfLaTeX                                 | Krause                                       | 320         |
| pdf-mps-supp       | PDF MetaPost graphics support bundle                                          | Hagen                                        | 258         |
| pdf-trans          | A set of macros for various transformations of T <sub>E</sub> X boxes         | Jackowski                                    | 286         |
| pdf14              | Restore PDF 1.4 to a T <sub>E</sub> X Live 2010 format                        | Pégourié-Gonnard                             | 412         |
| pdfannotations     | Annotate PDF slides                                                           | Nanayakkara                                  | 382         |
| pdfarticle         | Class for pdf publications                                                    | Paciorek                                     | 404         |
| pdfbook            | Rearrange pages of a PDF file for booklet printing                            | Eldering, Buchert, Aivazian                  | 216         |
| pdfbook2           | Create booklets from PDF files                                                | Neumann                                      | 385         |
| pdfcol             | Macros for maintaining colour stacks under pdfTeX                             | Oberdiek                                     | 396         |
| pdfcolfoot         | Separate color stack for footnotes with pdfTeX                                | Oberdiek                                     | 396         |
| pdfcolmk           | Improved colour support under pdfTeX (legacy stub)                            | Oberdiek                                     | 396         |
| pdfcolparallel     | Fix colour problems in package 'parallel'                                     | Oberdiek                                     | 396         |
| pdfcolparcolumns   | Fix colour problems in package 'parcolumns'                                   | Oberdiek                                     | 396         |
| pdfcomment         | A user-friendly interface to pdf annotations                                  | Kleber                                       | 305         |
| pdfcprot           | Activating and setting of character protruding using pdfLaTeX                 | Schurig, Schlemmer, Hughes                   | 472         |
| pdfcrop            | Crop PDF graphics                                                             | Oberdiek                                     | 396         |
| pdfcrypt           | Allows the setting of pdf encryption                                          | Oberdiek                                     | 396         |
| pdfescape          | Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX           | Oberdiek                                     | 396         |
| pdfextra           | Extra PDF features for (Op)TeX                                                | Vlasák                                       | 554         |
| pdfjam             | Shell script interface to pdfpages                                            | Firth, Kurtz, Thomas                         | 227         |
| pdfflatexpicscale  | Support software for downscaling graphics to be included by pdfLaTeX          | Willadt                                      | 571         |
| pdfscape           | Make landscape pages display as landscape                                     | Oberdiek                                     | 397         |
| pdfmanagement-t... | LaTeX PDF management testphase bundle                                         | L <sup>A</sup> T <sub>E</sub> X Team         | 428         |
| pdfmarginpar       | Generate marginpar-equivalent PDF annotations                                 | Feuersänger                                  | 224         |
| pdfmsym            | PDF Math Symbols — various drawn mathematical symbols                         | Unknown                                      | 538         |
| pdfoverlay         | A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF          | Purton                                       | 431         |
| pdfpagediff        | Find difference between two PDF's                                             | Radhakrishnan                                | 432         |
| pdfpages           | Include PDF documents in L <sup>A</sup> T <sub>E</sub> X                      | Matthias                                     | 361         |
| pdfpc-movie        | Pdfpc viewer-compatible hyperlinks to movies                                  | Friedl                                       | 234         |
| pdfpc              | Define data for the pdfpc presentation viewer                                 | Stambulchik                                  | 492         |
| pdfprivacy         | A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data | Sion                                         | 484         |
| PDFrack            | Use psfrag with pdfLaTeX                                                      | Boyer                                        | 168         |
| pdfrender          | Control rendering parameters                                                  | Oberdiek                                     | 397         |
| pdfreview          | Annotate PDF files with margin notes                                          | Palmer                                       | 407         |
| pdfscreen          | Support screen-based document design                                          | Radhakrishnan                                | 432         |
| pdfslide           | Presentation slides using pdfTeX                                              | Radhakrishnan                                | 432         |
| pdfsync            | Provide links between source and PDF                                          | Laurens                                      | 330         |
| pdftex-def         | Colour and Graphics support for pdfTeX                                        | Carlisle, Rahtz, Hagen, Schröder, Oberdiek   | 183         |
| pdftex-djgpp       | An msdos-djgpp binary of the pdfTeX engine                                    | Rivera                                       | 443         |
| pdftex-oztex       | pdfTeX designed to run with OzTeX                                             | Kiffe                                        | 301         |
| pdftex-quiet       | A bash wrapper for pdfTeX limiting its output to relevant errors              | Kozlovský                                    | 319         |
| pdftex             | A T <sub>E</sub> X extension for direct creation of PDF                       | Thành, The pdfTeX Team, T <sub>E</sub> XLive | 520         |
| pdftexcmds         | LuaTeX support for pdfTeX utility functions                                   | Oberdiek                                     | 397         |
| pdfToolbox         | A plain-pdfTeX toolbox for creating beautiful documents                       | Feiglin                                      | 223         |
| pdftricks          | Support for PSTricks in pdfTeX                                                | Radhakrishnan, Rajagopal                     | 432         |

| <i>Package</i>     | <i>Caption</i>                                                      | <i>Author</i>                                 | <i>Page</i> |
|--------------------|---------------------------------------------------------------------|-----------------------------------------------|-------------|
| pdftricks2         | Use PSTricks in pdfTeX                                              | Reibiger                                      | 438         |
| pdfx               | PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX                | Radhakrishnan, Thành, Selinger, Moore         | 433         |
| pdfxup             | Create n-up PDF pages with minimal margins                          | Markey                                        | 358         |
| Pecha              | Print Tibetan text in the classic pecha layout style                | Jäger                                         | 286         |
| pedigree-perl      | Generate $\TeX$ pedigree files from CSV files                       | Veytsman, Akhmadeeva                          | 551         |
| pegmatch           | Parsing Expression Grammars for $\TeX$                              | Lyu                                           | 353         |
| penlight           | Penlight Lua libraries made available to LuaLaTeX users             | Ewasiuk                                       | 219         |
| penlightplus       | Additions to the Penlight Lua libraries                             | Ewasiuk                                       | 220         |
| pennstander-otf    | OpenType versions of the pennstander fonts (with math support)      | Pierquet                                      | 417         |
| penrose            | A TikZ library for producing Penrose tilings                        | Stacey                                        | 491         |
| perception         | BibTeX style for the journal Perception                             | Singer                                        | 484         |
| perfectcut         | Nested delimiters that consistently grow regardless of the contents | Munch-Maccagnoni                              | 378         |
| perltex            | Define $\LaTeX$ macros in terms of Perl code                        | Pakin                                         | 406         |
| permute            | Support for symmetric groups                                        | Heinz                                         | 267         |
| perpage            | Make a counter reset at every page boundary                         | Kastrup                                       | 295         |
| persian-bib        | Persian translations of classic BibTeX styles                       | Amintoosi                                     | 140         |
| petiteannonce      | A class for small advertisements                                    | Belaïche                                      | 158         |
| Petri-nets         | A set $\TeX$ /LaTeX packages for drawing Petri nets                 | Pommereau                                     | 422         |
| pf2afm             | AFM generator for Adobe Type 1 fonts                                | BOP                                           | 165         |
| pfarrei            | LaTeX support of pastors' and priests' work                         | Kohm                                          | 315         |
| pdficons           | Draw process flow diagrams in chemical engineering                  | Drews                                         | 209         |
| pfm2afm            | Convert PFM files to AFM, and vice versa                            | Lang                                          | 328         |
| pfnote             | Number footnotes per page                                           | Nakashima                                     | 382         |
| pgf-blur           | PGF/TikZ package for "blurred" shadows                              | Preining, Giese, Stacey                       | 424         |
| pgf-cmykshadings   | Support for CMYK and grayscale shadings in PGF/TikZ                 | Purton                                        | 431         |
| pgf-go             | Diagramming and commenting on Go games                              | Perren                                        | 413         |
| pgf-interference   | Drawing interference patterns with PGF/TikZ                         | Wehr                                          | 567         |
| pgf-PeriodicTable  | Create custom periodic tables of elements                           | Gomes                                         | 246         |
| pgf-pie            | Draw pie charts, using PGF                                          | The PGF/TikZ Team, Yuan                       | 522         |
| pgf-soroban        | Create images of the soroban using TikZ/PGF                         | Delmotte                                      | 203         |
| pgf-spectra        | Draw continuous or discrete spectra using PGF/TikZ                  | Gomes                                         | 246         |
| pgf-umlcd          | Some $\LaTeX$ macros for UML Class Diagrams                         | Yuan, The PGF/TikZ Team                       | 585         |
| pgf-umlsd          | Draw UML Sequence Diagrams                                          | The PGF/TikZ Team, Yuan                       | 522         |
| pgf                | Create PostScript and PDF graphics in $\TeX$                        | The PGF/TikZ Team, Tantau, Feuersänger, Menke | 522         |
| pgfgantt           | Draw Gantt charts with TikZ                                         | Esser-Skala                                   | 219         |
| pgfkeys            | Key value control for PGF                                           | Tantau                                        | 512         |
| pgfkeysearch       | Find keys in a given path 'recursively'                             | Frigeri                                       | 235         |
| pgfkeyx            | Extended and more robust version of pgfkeys                         | Musa                                          | 381         |
| pgfmath-xfp        | Define pgfmath functions using xfp                                  | Spratte                                       | 491         |
| pgfmolbio          | Draw graphs typically found in molecular biology texts              | Esser-Skala                                   | 219         |
| pgfmorepages       | Assemble multiple logical pages onto a physical page                | Stacey                                        | 491         |
| pgfopts            | LaTeX package options with pgfkeys                                  | Wright                                        | 577         |
| pgfornament-han    | pgfornament library for Chinese traditional motifs and patterns     | Lim                                           | 338         |
| pgfornament        | Drawing of Vectorian ornaments with PGF/TikZ                        | Matthes                                       | 360         |
| pgfplots           | Create normal/logarithmic plots in two and three dimensions         | Feuersänger, Menke, The PGF/TikZ Team         | 224         |
| pgfplotstable      | Loads, rounds, formats and postprocesses numerical tables           | Feuersänger, Menke, The PGF/TikZ Team         | 224         |
| pgfplotsthemebe... | Use colours from the current beamer theme in pgfplots               | Unknown                                       | 538         |
| pgothic            | Fonts based on the Gothic Textura Prescisus manuscript book-hand    | Wilson                                        | 573         |
| phaistos           | Disk of Phaistos font                                               | Syropoulos                                    | 504         |
| phfcc              | Convenient inline commenting in collaborative documents             | Faist                                         | 221         |

| <i>Package</i>     | <i>Caption</i>                                                                                      | <i>Author</i>                  | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------------------|--------------------------------|-------------|
| phfextendedabst... | Typeset extended abstracts for conferences, such as often encountered in quantum information theory | Faist                          | 221         |
| phffullpagefigure  | Figures which fill up a whole page                                                                  | Faist                          | 222         |
| phfnote            | Basic formatting for short documents                                                                | Faist                          | 222         |
| phfparen           | Parenthetic math expressions made simpler and less redundant                                        | Faist                          | 222         |
| phfquit            | Macros for typesetting Quantum Information Theory                                                   | Faist                          | 222         |
| phfquotetext       | Quote verbatim text without white space formatting                                                  | Faist                          | 222         |
| phfsvnwatermark    | Watermarks with version control information from SVN                                                | Faist                          | 222         |
| phfthm             | Goodies for theorems and proofs                                                                     | Faist                          | 222         |
| philex             | Cross references for named and numbered environments                                                | Pagin                          | 404         |
| philokalia         | A font to typeset the Philokalia Books                                                              | Syropoulos, Gamvetas           | 505         |
| philosophersimp... | Typesetting articles for “Philosophers’ Imprint”                                                    | Veytsman                       | 551         |
| PhiMiSci           | A document class for the journal “Philosophy and the Mind Sciences”                                 | Kopecky                        | 317         |
| phoenician         | Fonts for the Phoenician script in use from about 1600 BC                                           | Wilson                         | 573         |
| phoncard           | Format telephone number lists                                                                       | Greening                       | 252         |
| phonenumber        | Typesetting telephone numbers with $\LaTeX$                                                         | Wehr                           | 567         |
| phonetic           | Metafont Phonetic fonts, based on Computer Modern                                                   | Pease                          | 411         |
| phonrule           | Typeset linear phonological rules                                                                   | Coretta                        | 195         |
| photo              | A float environment for photographs                                                                 | Kuhlmann                       | 323         |
| photobook          | A document class for typesetting photo books                                                        | Naanou                         | 382         |
| phy-bstyles        | A collection of BibTeX styles for physics journals                                                  | Karney, Bode                   | 294         |
| physconst          | Macros for commonly used physical constants                                                         | Mulligan                       | 377         |
| physe              | The PHYSE format                                                                                    | Breitenlohner                  | 170         |
| physics-patch      | Improved version of the physics package                                                             | Shen                           | 480         |
| physics            | Macros supporting the Mathematics of Physics                                                        | de la Barrera                  | 150         |
| physics2           | Macros for typesetting maths faster and more simply                                                 | Zhang                          | 589         |
| physunits          | Macros for commonly used physical units                                                             | Mulligan                       | 377         |
| physymb            | Assorted macros for Physicists                                                                      | Zaslavsky                      | 588         |
| phyzzx             | A T <sub>E</sub> X format for physicists                                                            | Kaplanovsky                    | 294         |
| pi                 | Calculate pi                                                                                        | Roegel                         | 448         |
| piano              | Typeset a basic 2-octave piano diagram                                                              | Daneault, López Carro          | 200         |
| picinpar           | Insert pictures into paragraphs                                                                     | $\LaTeX$ Team, Sowa, Blochwitz | 430         |
| picins             | Insert pictures into paragraphs                                                                     | Bleser                         | 163         |
| picmac             | A picture mode in Plain T <sub>E</sub> X                                                            | Knuth                          | 311         |
| pict2e             | New implementation of picture commands                                                              | Gäßlein, Niepraschk, Tkadlec   | 239         |
| pictex-autoarea    | Automatic computation of bounding boxes with PiCTeX                                                 | Lück                           | 348         |
| PicTeX             | Picture drawing macros for T <sub>E</sub> X and $\LaTeX$                                            | Wichura                        | 570         |
| pictex2            | Adds relative coordinates and improves the <code>\plot</code> command                               | Park                           | 409         |
| PicTeXsum          | A summary of PicTeX commands                                                                        | Duggan                         | 211         |
| pictexwd           | A patched version of PicTeX using fewer registers                                                   | Schrell                        | 469         |
| pictochrono        | Insert “chronometer pictograms” with a duration                                                     | Pierquet                       | 417         |
| picture            | Dimens for picture macros                                                                           | Oberdiek                       | 397         |
| piechart           | Simple pie-charts with PSTricks                                                                     | Girou                          | 243         |
| piechartmp         | Draw pie-charts using MetaPost                                                                      | Morawski                       | 375         |
| piff-ams           | Early macros for using AMS fonts                                                                    | Piff                           | 419         |
| piff               | Macro tools by Mike Piff                                                                            | Piff, Carlisle                 | 419         |
| pifont             | Access to PostScript standard Symbol and Dingbats fonts                                             | Schmidt, $\LaTeX$ Team, Rahtz  | 467         |
| pigpen             | A font for the pigpen (or masonic) cipher                                                           | Corff, Carlisle                | 196         |
| pinlabel           | A T <sub>E</sub> X labelling package                                                                | Rourke                         | 454         |
| pinouTikZ          | Draw chip pinouts with TikZ                                                                         | Blazek                         | 163         |
| pitex              | Documentation macros                                                                                | Isambert, Robbers              | 283         |
| piton              | Typeset computer listings with LPEG of LuaLaTeX                                                     | Pantigny                       | 408         |
| pittetd            | Electronic Theses and Dissertations at Pitt                                                         | Garcia-De Castro, Fudrow       | 184         |



| <i>Package</i> | <i>Caption</i>                                                                      | <i>Author</i>                  | <i>Page</i> |
|----------------|-------------------------------------------------------------------------------------|--------------------------------|-------------|
| pitthesis      | Document class for University of Pittsburgh theses                                  | Kim                            | 302         |
| pixelart       | Draw pixel-art pictures                                                             | Paternault                     | 410         |
| PixelArtTikz   | Work with PixelArts, with TikZ                                                      | Pierquet                       | 417         |
| pkbbox         | Derive glyph bounding boxes by building PK file                                     | Walsh                          | 564         |
| pkfind         | A ‘find’ command which understands pk files                                         | Vojta                          | 554         |
| pkfix-helper   | Make PostScript files accessible to pkfix                                           | Pakin                          | 406         |
| pkfix          | Replace pk fonts in PostScript with Type 1 fonts                                    | Oberdiek                       | 397         |
| pkgcheck       | CTAN package checker                                                                | Lotz                           | 345         |
| pkginfograb    | Collect $\LaTeX$ package information in a regular way                               | Frigeri                        | 236         |
| pkgloader      | Manage the options and loading order of other packages                              | Helvensteijn                   | 269         |
| pkuthss        | LaTeX template for dissertations in Peking University                               | Vector                         | 547         |
| pkware         | Utility programs for use with PK bitmap fonts                                       | Rokicki, $\TeX$ Live           | 450         |
| pl-mf          | Polish extension of Computer Modern fonts                                           | Jackowski, Ryćko               | 285         |
| pl             | Literate Programming for Prolog with $\LaTeX$                                       | Neugebauer                     | 384         |
| placeat        | Absolute content positioning                                                        | Trautmann                      | 527         |
| placeins-plain | Insertions that keep their place                                                    | Arseneau                       | 144         |
| placeins       | Control float placement                                                             | Arseneau                       | 144         |
| plain-cm       | Variable sized fonts in Plain $\TeX$                                                | Brotsky, Horn                  | 172         |
| plain-ltx      | Make plain $\TeX$ files $\LaTeX$ able                                               | Carlisle                       | 181         |
| plain-widow    | Three output routines that extend <code>\plainoutput</code>                         | Wermuth                        | 568         |
| plain          | The Plain $\TeX$ format                                                             | Knuth                          | 311         |
| plainmisc      | Miscellaneous contributed macros for plain $\TeX$                                   | Unknown                        | 538         |
| plainpkg       | A minimal method for making generic packages                                        | Lück                           | 348         |
| plainyr        | Plain bibliography style, sorted by year first                                      | Perrone                        | 413         |
| plantslabels   | Write labels for plants                                                             | Merciadri                      | 366         |
| plantuml       | Support for rendering UML diagrams using PlantUML                                   | Kopp                           | 318         |
| plari          | Typesetting stageplay scripts                                                       | Kaijanaho                      | 293         |
| plates         | Arrange for “plates” sections of documents                                          | Tanbakuchi                     | 512         |
| platex-tools   | pLaTeX standard tools bundle                                                        | Yamashita                      | 581         |
| platex         | pLaTeX2e and miscellaneous macros for pTeX                                          | Maeda, Japanese $\TeX$ Team    | 354         |
| platexcheat    | A $\LaTeX$ cheat sheet, in Japanese                                                 | Asakura                        | 145         |
| plautopatch    | Automated patches for pLaTeX/upLaTeX                                                | Yamashita                      | 581         |
| play-font      | The Play font face with support for $\LaTeX$ and pdfLaTeX                           | Ebinger                        | 214         |
| play           | Typeset drama using $\LaTeX$                                                        | Kilfiger                       | 301         |
| playcards      | A simple template for drawing playcards                                             | Pages                          | 404         |
| playfair       | Playfair Display fonts with $\LaTeX$ support                                        | Tennent                        | 517         |
| plcalendar     | Plain macros for making nice calendars                                              | Unknown                        | 539         |
| plex-otf       | Support for the OpenType font IBM Plex                                              | Voß                            | 558         |
| plex           | Support for IBM Plex fonts                                                          | Tennent                        | 518         |
| plfonts        | Polish extension to Computer Modern fonts                                           | Unknown                        | 539         |
| plhyph         | Hyphenation for Polish                                                              | Kołodziejska, Jackowski, Ryćko | 317         |
| plimsoll       | Fonts with the Plimsoll symbol and $\LaTeX$ support                                 | Jørgensen                      | 291         |
| plipsum        | ‘Lorem ipsum’ for Plain $\TeX$ developers                                           | Spina                          | 489         |
| plnfss         | Font selection for Plain $\TeX$                                                     | Thành, Konecny, Kotucha        | 520         |
| plpsfont       | Polish extension of CM fonts in Type 1 format                                       | Nowacki                        | 392         |
| plstmary       | St. Mary’s Road font support for plain $\TeX$                                       | Luecking                       | 349         |
| pm-isomath     | Poor man ISO math for pdfLaTeX users                                                | Beccari                        | 154         |
| pmat           | Typeset partitioned matrices                                                        | Oliveira e Silva               | 483         |
| pmboxdraw      | Poor man’s box drawing characters                                                   | Oberdiek                       | 397         |
| pmcstex        | LaTeX in emTeX IDE/FrontEnd for EPM                                                 | Mikulik                        | 368         |
| pmdb           | Create a DB (PDF) document for selecting content for inclusion in another documents | Story                          | 498         |
| pmdbl          | Examples from “Praca magisterska i dyplomowa”                                       | Przechlewski                   | 430         |
| pmdraw         | Draw elements of the diagram monoids                                                | Fresacher                      | 234         |

| <i>Package</i>    | <i>Caption</i>                                                  | <i>Author</i>                    | <i>Page</i> |
|-------------------|-----------------------------------------------------------------|----------------------------------|-------------|
| pmgraph           | “Poor man’s” graphics                                           | Berdnikov, Grineva               | 159         |
| pmhanguljamo      | Poor man’s Hangul Jamo input method                             | Kim                              | 302         |
| pmtex             | Preprocessor for MusicTeX                                       | Simons                           | 484         |
| pmx               | Preprocessor for MusiXTeX                                       | Simons, Tennent                  | 484         |
| pmxchords         | Produce chord information to go with pmx output                 | Fafejta                          | 220         |
| PNAS              | BibTeX style for PNAS (old version)                             | Rogers                           | 449         |
| PNAS 2009         | BibTeX style for PNAS (newer version)                           | Rogers                           | 449         |
| png2pdf           | PNG to PDF converter                                            | Krause                           | 320         |
| poemscol          | Typesetting Critical Editions of Poetry                         | Burt                             | 177         |
| poetica           | Support for Adobe Poetica fonts in Type 1 format                | Hoenig                           | 274         |
| poetry            | Facilities for typesetting poetry and poetical structure        | Goodman                          | 247         |
| poetrytex         | Typeset anthologies of poetry                                   | Whited                           | 569         |
| pointruler        | 12” Ruler containing Points and Inches                          | Henderson                        | 269         |
| poiretone         | PoiretOne family of fonts with $\LaTeX$ support                 | Tennent                          | 518         |
| polexpr           | A parser for polynomial expressions                             | Burnol                           | 176         |
| poligraf          | A $\TeX$ macro package for preprocess                           | Nowacki                          | 392         |
| poliski           | Typeset Polish documents with $\LaTeX$ and Polish fonts         | Olko, Woliński                   | 400         |
| poltawski         | Antykwa Półtawskiego Family of Fonts                            | Jackowski, Nowacki               | 284         |
| polyglossia       | An alternative to babel for $\LaTeX$ and LuaLaTeX               | Charette, Rosendahl, Spitzmüller | 186         |
| polyhedra         | A TikZ package for drawing polyhedra                            | Zafeirakopoulos                  | 586         |
| polynom           | Macros for manipulating polynomials                             | Heinz, Adriaens                  | 267         |
| polynomial        | Typeset (univariate) polynomials                                | Höst                             | 279         |
| polyomino         | Polyominoes using TikZ and $\LaTeX$                             | Floré                            | 230         |
| polytable         | Tabular-like environments with named columns                    | Löh                              | 340         |
| poorman           | Raster Chinese and Japanese fonts                               | Ridgeway                         | 441         |
| poormanlog        | Logarithms and powers with (almost) 9 digits                    | Burnol                           | 176         |
| popupmenu         | Create popup menus in PDF files                                 | Story                            | 498         |
| Portable MiKTeX   | Instructions for setting up MiKTeX on a portable device         | Grahn                            | 249         |
| portland          | Simple portrait/landscape switching                             | Partl                            | 409         |
| pos-at            | Position things at absolute positions on the page               | Hogben, Gaulle                   | 276         |
| postage           | Stamp letters with »Deutsche Post«’s service »Internetmarke«    | Reimer                           | 439         |
| postcards         | Facilitates mass-mailing of postcards (junkmail)                | Kleb                             | 304         |
| poster-mac        | Make posters and banners with $\TeX$                            | Van Zandt                        | 587         |
| poster            | Scale PostScript images for larger media or tiling              | van Eijndhoven                   | 215         |
| postit            | A $\LaTeX$ package for displaying Post-it notes                 | Pierquet                         | 417         |
| postnotes         | Endnotes for $\LaTeX$                                           | Unknown                          | 539         |
| powerdot-fuberlin | Powerdot, using the style of FU Berlin                          | Voß                              | 558         |
| powerdot-tuliplab | A style package for Powerdot to provide the design of TULIP Lab | Li                               | 336         |
| powerdot          | A presentation class                                            | Adriaens, Ellison                | 137         |
| ppchtex           | Typeset chemical formula diagrams                               | Hagen                            | 258         |
| pphlp             | Generate VMS help files from $\LaTeX$ 2.09 source               | Gray                             | 252         |
| ppmcheckpdf       | Convert PDF to PNG and compare PNG files after l3build          | Lyu                              | 353         |
| ppower4           | A postprocessor for PDF presentations                           | Guntermann                       | 257         |
| ppr-prv           | Prosper preview                                                 | Goutelle                         | 249         |
| ppt-slides        | Good-looking slide decks à la PowerPoint (PPT)                  | Bugayenko                        | 175         |
| pracjourn         | Typeset articles for PracTeX                                    | Robertson                        | 444         |
| practical-latex   | Example files for “Practical $\LaTeX$ ”                         | Grätzer                          | 251         |
| practicalreports  | Some macros for writing practical reports                       | Cawood                           | 184         |
| precattl          | Prepare special catcodes from token list                        | user202729                       | 544         |
| prelim            | Mark preliminary copies with a line of information              | Tolksdorf                        | 526         |
| prelim2e          | Allows the marking of preliminary versions of a document        | Schröder, Peischl                | 471         |
| prepr             | Preprint macros                                                 | Calvani                          | 179         |
| preprint          | A bundle of packages provided “as is”                           | Daly                             | 200         |
| prerex            | Interactive editor and macro support for prerequisite charts    | Tennent                          | 518         |

| <i>Package</i>     | <i>Caption</i>                                                                                      | <i>Author</i>                           | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------|
| present            | Presentations with Plain T <sub>E</sub> X                                                           | Meister                                 | 366         |
| presentations-en   | Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X                           | Voß                                     | 558         |
| presentations      | Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X                           | Voß                                     | 558         |
| pressrelease       | A class for typesetting press releases                                                              | Talbot                                  | 510         |
| prettyref          | Make label references “self-identify”                                                               | Ruland                                  | 457         |
| prettytok          | Pretty-print token lists                                                                            | user202729                              | 544         |
| preview-latex      | Preview equations in Emacs                                                                          | Kastrup                                 | 295         |
| preview            | Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output                                 | Kastrup, The AUCTeX Team                | 295         |
| prftree            | Macros for building proof trees                                                                     | Benini                                  | 158         |
| principia          | Notations for typesetting the “Principia Mathematica”                                               | Elkind                                  | 216         |
| printbib           | Print the contents of a bibliography                                                                | Unknown                                 | 539         |
| printlen           | Print lengths using specified units                                                                 | Robertson, Wilson, Harders              | 447         |
| prisma-flow-dia... | An abstraction for creating PRISMA 2009 flow diagrams with TikZ                                     | Santos                                  | 459         |
| proba              | Shortcuts commands to symbols used in probability texts                                             | Nguyen-Ngoc                             | 385         |
| probsoln           | Generate problem sheets and their solution sheets                                                   | Talbot                                  | 510         |
| proc               | Class for producing “proceedings”                                                                   | L <sup>A</sup> T <sub>E</sub> X Team    | 428         |
| processkv          | Process key-value pairs                                                                             | Sauer                                   | 460         |
| procIAGssymp       | Macros for IAG symposium papers                                                                     | Benciolini                              | 158         |
| prodint            | A font that provides the product integral symbol                                                    | Gill, Loredó-Osti                       | 243         |
| productbox         | Typeset a three-dimensional product box                                                             | Neugebauer                              | 384         |
| ProfCollege        | A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college                      | Poulain                                 | 423         |
| proflabo           | Draw laboratory equipment                                                                           | Mounier                                 | 376         |
| ProfLycee          | A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school                  | Pierquet                                | 417         |
| ProfMaquette       | Use exercises in different types of documents                                                       | Poulain                                 | 423         |
| ProfSio            | Commands (with TikZ) to work with French “BTS SIO” maths themes                                     | Pierquet                                | 417         |
| progkeys           | Typeset programs, recognising keywords                                                              | Alabau                                  | 138         |
| program            | Typesetting programs and algorithms                                                                 | Ward                                    | 565         |
| progress           | Creates an overview of a document’s state                                                           | Graversen                               | 251         |
| progressbar        | Visualize shares of total amounts in the form of a (progress-)bar                                   | Jira                                    | 289         |
| ProjLib            | A collection of facilitative tools                                                                  | XU                                      | 580         |
| pronunciation      | American English Pronunciation                                                                      | Unknown                                 | 539         |
| proof-at-the-end   | A package to move proofs to appendix                                                                | Colisson                                | 194         |
| proof              | Shell based proofing for T <sub>E</sub> X-related files                                             | Bosau                                   | 166         |
| proofread          | Commands for inserting annotations                                                                  | Dekker                                  | 203         |
| proofs             | Macros for building proof trees                                                                     | Taylor                                  | 513         |
| prooftrees         | Forest-based proof trees (symbolic logic)                                                           | Rees                                    | 438         |
| properties         | Load properties from a file                                                                         | Niedermair                              | 387         |
| proposal           | A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects | Kohlhase                                | 313         |
| prosper            | LaTeX class for high quality slides                                                                 | Goualard                                | 248         |
| protecteddef       | Define protected commands                                                                           | Oberdiek                                | 397         |
| protex             | Literate programming package                                                                        | The TeX4ht Team, Gurari                 | 522         |
| protext            | A MiKTeX-based T <sub>E</sub> X installation for MS-Windows                                         | Feuerstack                              | 224         |
| protocol           | A class for minutes of meetings                                                                     | Leineweber                              | 334         |
| protosem           | Fonts for proto-Semitic cuneiform script                                                            | Wilson                                  | 573         |
| prtec              | A template for PRTEC conference papers                                                              | Lienhard                                | 338         |
| prv                | Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents                               | Dekker                                  | 203         |
| przechlewski-book  | Examples from Przechlewski’s L <sup>A</sup> T <sub>E</sub> X book                                   | Przechlewski                            | 430         |
| ps2eps             | Produce Encapsulated PostScript from PostScript                                                     | Bless                                   | 163         |
| ps2mf              | Make Metafont files from Adobe Type 1 files                                                         | Vens                                    | 547         |
| ps2pk              | Generate a PK font from an Adobe Type 1 font                                                        | Tutelaers, MacKay, T <sub>E</sub> XLive | 530         |
| ps4mf-dos          | Convert Adobe Type 1 fonts to Metafont, MS-DOS version                                              | Neteler                                 | 383         |
| ps4mf              | Convert Adobe Type 1 fonts to Metafont                                                              | Neteler                                 | 383         |
| ps4pdf             | Use PostScript commands inside a pdfLaTeX document                                                  | Niepraschk                              | 388         |
| ps_conv            | A converter from PostScript to Encapsulated PostScript                                              | BOP                                     | 165         |

| <i>Package</i>    | <i>Caption</i>                                                                     | <i>Author</i>                                                     | <i>Page</i> |
|-------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| ps_view           | A PostScript previewer of PostScript files                                         | BOP                                                               | 165         |
| psbao             | Draw Bao diagrams                                                                  | Vessella                                                          | 549         |
| psbox             | PostScript box macros, etc.                                                        | Orloff                                                            | 402         |
| psboxit           | Enables one to put a PostScript drawing behind a T <sub>E</sub> X box              | Maillot                                                           | 355         |
| pseudo            | Straightforward pseudocode                                                         | Hetland                                                           | 272         |
| pseudocode        | LaTeX environment for specifying algorithms in a natural way                       | Kreher                                                            | 320         |
| psfig             | A graphics inclusion package                                                       | Darrell                                                           | 201         |
| psfixbb           | Correct the bounding box of a PostScript file                                      | Dominik, Karl                                                     | 207         |
| psfont            | Alternative font handling in L <sup>A</sup> T <sub>E</sub> X                       | Kirsch                                                            | 303         |
| psfonts-tools     | Tools for creating a distribution of font metrics                                  | Rahtz, Tutelaers                                                  | 434         |
| psfonts           | PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X | Unknown                                                           | 539         |
| Il sistema PSfrag | PSfrag documentation in Italian                                                    | Chiesa                                                            | 190         |
| psfrag            | Replace strings in encapsulated PostScript figures                                 | Grant, Carlisle, Barratt                                          | 251         |
| psfragger         | Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file                | Cermelj                                                           | 185         |
| psfragx           | A psfrag eXtension                                                                 | Kockaert                                                          | 312         |
| psgo              | Typeset go diagrams with PSTricks                                                  | Bos                                                               | 166         |
| psgreek           | LaTeX support for Greek Type 1 fonts                                               | Kryukov, Justen                                                   | 322         |
| psizzl            | A T <sub>E</sub> X format for physics papers                                       | Ogawa                                                             | 400         |
| pslatex           | Use PostScript fonts by default                                                    | Carlisle                                                          | 181         |
| psmerge           | Concatenate PostScript files                                                       | Duggan                                                            | 211         |
| psnfss-source     | Sources of the metrics used in PSNFSS                                              | Schmidt, Harcombe                                                 | 466         |
| psnfss            | Font support for common PostScript fonts                                           | Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X<br>Team, Rahtz | 466         |
| psnfssx-8r        | Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X                              | Unknown                                                           | 539         |
| psnfssx-adobe     | Packages to use a selection of Adobe Type 1 fonts                                  | Rahtz                                                             | 433         |
| psnfssx-em        | Support for the em family of fonts                                                 | Horn, Carlisle                                                    | 278         |
| psnfssx           | Extra styles and encodings for PostScript fonts                                    | Schmidt, Harcombe, Rahtz                                          | 466         |
| pspic             | Drawing pictures using PostScript specials                                         | Thorup                                                            | 524         |
| pspicture         | PostScript picture support                                                         | Carlisle                                                          | 181         |
| psrip             | Extract images from PostScript files                                               | Lackas                                                            | 327         |
| psplit            | Select pages from PostScript files                                                 | Kleiweg                                                           | 307         |
| pst-2dplot        | A PSTricks package for drawing 2D curves                                           | Delgosha                                                          | 203         |
| pst-3d            | A PSTricks package for tilting and other pseudo-3D tricks                          | Van Zandt, Voß                                                    | 587         |
| pst-3dplot        | Draw 3D objects in parallel projection, using PSTricks                             | Voß                                                               | 558         |
| pst-abspos        | Put objects at an absolute position                                                | Voß                                                               | 558         |
| pst-am            | Simulation of modulation and demodulation                                          | Luque, Voß                                                        | 351         |
| pst-antiprism     | A PSTricks related package which draws an antiprism                                | Voß, Luque                                                        | 561         |
| pst-arrow         | Special arrows for PSTricks                                                        | Voß                                                               | 558         |
| pst-asr           | Typeset autosegmental representations for linguists                                | Frampton                                                          | 232         |
| pst-bar           | Produces bar charts using PSTricks                                                 | Ristow, Voß                                                       | 442         |
| pst-barcode       | Print barcodes using PostScript                                                    | Burton, Voß                                                       | 177         |
| pst-bezier        | Draw Bezier curves                                                                 | Nähring, Voß                                                      | 382         |
| pst-blur          | PSTricks package for “blurred” shadows                                             | Giese, Voß                                                        | 242         |
| pst-bspline       | Draw cubic Bspline curves and interpolations                                       | Sharpe                                                            | 478         |
| pst-calculate     | Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level     | Voß                                                               | 558         |
| pst-calendar      | Plot calendars in “fancy” ways                                                     | Luque, Voß                                                        | 351         |
| pst-cie           | CIE color space                                                                    | Luque, Voß                                                        | 351         |
| pst-circ          | PSTricks package for drawing electric circuits                                     | Voß, Jorssen                                                      | 561         |
| pst-coil          | A PSTricks package for coils, etc.                                                 | Voß, Van Zandt                                                    | 561         |
| pst-contourplot   | Draw implicit functions using the “marching squares” algorithm                     | Luque                                                             | 351         |
| pst-cox           | Drawing regular complex polytopes with PSTricks                                    | Luque                                                             | 351         |
| pst-dart          | Plotting dart boards                                                               | Voß                                                               | 558         |
| pst-dbicons       | Support for drawing ER diagrams                                                    | May                                                               | 362         |
| pst-diffraction   | Print diffraction patterns from various apertures                                  | Luque, Voß                                                        | 351         |
| pst-electricfield | Draw electric field and equipotential lines with PSTricks                          | Gilg, Luque, Megrét, Voß                                          | 243         |

| <i>Package</i>     | <i>Caption</i>                                                             | <i>Author</i>              | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------|----------------------------|-------------|
| pst-eps            | Create EPS files from PSTricks figures                                     | Voß, Van Zandt             | 561         |
| pst-eucl-transl... | Bulgarian translation of the pst-eucl documentation                        | Karakoleva                 | 294         |
| pst-eucl           | Euclidean geometry with PSTricks                                           | Rodriguez, Voß             | 448         |
| pst-exa            | Typeset PSTricks examples, with code                                       | Voß                        | 558         |
| pst-feyn           | Draw graphical elements for Feynman diagrams                               | Voß                        | 558         |
| pst-fill           | Fill or tile areas with PSTricks                                           | Girou, Voß                 | 243         |
| pst-fit            | Macros for curve fitting                                                   | Ledger, Voß                | 331         |
| PST-Flags          | Draw flags of countries using PSTricks                                     | Manthanwar                 | 356         |
| pst-fourbarlinkage | Draw articulated quadrilaterals                                            | Voß                        | 558         |
| pst-fp             | Fixed-point arithmetic in PSTricks                                         | Voß                        | 558         |
| pst-fr3d           | Draw 3-dimensional framed boxes using PSTricks                             | Girou                      | 243         |
| pst-fractal        | Draw fractal sets using PSTricks                                           | Voß                        | 558         |
| pst-fun            | Draw “funny” objects with PSTricks                                         | Luque, Voß                 | 351         |
| pst-func           | PSTricks package for plotting mathematical functions                       | Voß                        | 558         |
| pst-gantt          | Draw GANTT charts with PSTricks                                            | Girou, Voß                 | 244         |
| pst-gears          | Drawing internal and external gears                                        | Voß                        | 559         |
| pst-geo            | Geographical Projections                                                   | Luque, Matarazzo, Voß      | 351         |
| pst-geometrictools | A PSTricks package to draw geometric tools                                 | Söll, Voß                  | 487         |
| pst-gr3d           | Three dimensional grids with PSTricks                                      | Girou, Voß                 | 244         |
| pst-grad           | Filling with colour gradients, using PSTricks                              | Voß, Van Zandt             | 561         |
| pst-graphicx       | A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X         | Voß                        | 559         |
| pst-hsb            | Curves with continuous colours                                             | Voß                        | 559         |
| pst-infixplot      | Using PSTricks plotting capacities with infix expressions rather than RPN  | Jorssen, Charpentier       | 291         |
| pst-intersect      | Compute intersections of arbitrary curves                                  | Bersch                     | 160         |
| pst-Jtree          | Typeset complex trees for linguists                                        | Frampton                   | 232         |
| pst-kepler         | Models for Johannes Kepler’s view of the world                             | Voß                        | 559         |
| pst-knot           | PSTricks package for displaying knots                                      | Voß                        | 559         |
| pst-labo           | Draw objects for Chemistry laboratories                                    | Girou, Jorssen, Luque, Voß | 243         |
| pst-layout         | Page layout macros based on PSTricks packages                              | Sharpe                     | 478         |
| pst-lens           | Lenses with PSTricks                                                       | Luque, Girou, Voß          | 351         |
| pst-light3d        | Three dimensional lighting effects (PSTricks)                              | Girou, Kleiweg             | 243         |
| pst-lsystem        | Create images based on a L-system                                          | Voß                        | 559         |
| pst-magneticfield  | Plotting a magnetic field with PSTricks                                    | Gilg, Luque, Voß           | 243         |
| pst-marble         | A PSTricks package to draw marble-like patterns                            | Gilg, Luque, Jaffer        | 243         |
| pst-massspring     | Create animations for two masses connected by a spring                     | Voß                        | 559         |
| pst-math           | Enhancement of PostScript math operators to use with PSTricks              | Jorssen, Voß               | 291         |
| pst-mirror         | Images on a spherical mirror                                               | Luque, Voß                 | 351         |
| pst-moire          | A PSTricks package to draw moiré patterns                                  | Gilg, Luque, Sarlat        | 243         |
| pst-node           | Nodes and node connections in PSTricks                                     | Van Zandt, Sharpe, Voß     | 587         |
| pst-nutation       | Rotation, precession, nutation of the earth                                | Voß                        | 559         |
| pst-ob3d           | Three dimensional objects using PSTricks                                   | Girou, Voß                 | 244         |
| pst-ode            | Solving initial value problems for sets of Ordinary Differential Equations | Grahn                      | 250         |
| pst-optexp         | Drawing optical experimental setups                                        | Bersch                     | 160         |
| pst-optic          | Drawing optics diagrams                                                    | Luque, Voß                 | 351         |
| pst-osci           | Oscgones with PSTricks                                                     | Luque, Jorssen             | 351         |
| pst-ovl            | Create and manage graphical overlays                                       | Van Zandt, Voß             | 587         |
| pst-pad            | Draw simple attachment systems with PSTricks                               | Drechsler                  | 209         |
| pst-pdf            | Make PDF versions of graphics by processing between runs                   | Niepraschk, Gäßlein        | 389         |
| pst-pdgr           | Draw medical pedigrees using PSTricks                                      | Veytsman, Akhmadeeva       | 551         |
| pst-perspective    | Draw perspective views using PSTricks                                      | Söll                       | 487         |
| pst-platon         | Platonic solids in PSTricks                                                | Luque, Voß                 | 351         |
| pst-plot           | Plot data using PSTricks                                                   | Van Zandt, Voß             | 587         |
| pst-poker          | Drawing poker cards                                                        | Voß                        | 559         |



| <i>Package</i>        | <i>Caption</i>                                                                   | <i>Author</i>                         | <i>Page</i> |
|-----------------------|----------------------------------------------------------------------------------|---------------------------------------|-------------|
| pst-poly              | Polygons with PSTricks                                                           | Girou, Voß                            | 244         |
| pst-pulley            | Plot pulleys, using PSTricks                                                     | Söll                                  | 487         |
| pst-qtree             | Simple syntax for trees                                                          | Chiang, Gildea                        | 190         |
| pst-rputover          | Place text over objects without obscuring background colors                      | Söll, Osborne                         | 487         |
| pst-rubans            | Draw three-dimensional ribbons                                                   | Luque, Voß                            | 352         |
| pst-shell             | Plotting sea shells                                                              | Voß, Luque                            | 561         |
| pst-sigsys            | Support of signal processing-related disciplines                                 | Delgosha                              | 203         |
| pst-sipe              | Sophisticated colour gradients                                                   | Giese, Voß                            | 242         |
| pst-solarsystem       | Plot the solar system for a specific date                                        | Luque, Voß                            | 352         |
| pst-solides3d         | Draw perspective views of 3D solids                                              | Vignault, Luque, Schmittbuhl, Voß     | 553         |
| pst-soroban           | Draw a Soroban using PSTricks                                                    | Delmotte                              | 203         |
| pst-spectra           | Draw continuum, emission and absorption spectra with PSTricks                    | Schmittbuhl                           | 467         |
| pst-sphericaltr...    | Create animations of a spherical trochoid                                        | Voß                                   | 559         |
| pst-spinner           | Drawing a fidget spinner                                                         | Voß, Luque                            | 561         |
| pst-spirograph        | Drawing hypotrochoids as with a spirograph                                       | Luque, Voß                            | 352         |
| pst-stru              | Civil engineering diagrams, using PSTricks                                       | Matarazzo, Luque, Voß                 | 359         |
| pst-support           | Assorted support files for use with PSTricks                                     | Voß                                   | 559         |
| pst-text              | Text and character manipulation in PSTricks                                      | Voß, Van Zandt                        | 561         |
| pst-thick             | Drawing very thick lines and curves                                              | Luque, Voß                            | 352         |
| pst-tools             | PSTricks support functions                                                       | Voß                                   | 559         |
| pst-tree              | Trees, using PSTricks                                                            | Voß, Girou, Van Zandt                 | 560         |
| pst-turtle            | Commands for “turtle operations”                                                 | Voß                                   | 559         |
| pst-tvz               | Draw trees with more than one root node, using PSTricks                          | Van Zandt, Voß                        | 587         |
| pst-uml               | UML diagrams with PSTricks                                                       | Diamantini                            | 205         |
| pst-vectorian         | Printing ornaments                                                               | Fradin                                | 232         |
| pst-vehicle           | A PSTricks package for rolling vehicles on graphs of mathematical functions      | Söll, Voß                             | 487         |
| pst-venn              | A PSTricks package for drawing Venn sets                                         | Voß                                   | 559         |
| pst-vowel             | Enable arrows showing diphthongs on vowel charts                                 | Munn                                  | 379         |
| pst-vue3d             | Draw perspective views of three dimensional objects                              | Luque, Voß                            | 352         |
| pst-xkey              | Key-value syntax for PSTricks packages                                           | Adriaens                              | 137         |
| pst2pdf               | A script to compile PSTricks documents via pdfTeX                                | Voß, González Luengo                  | 561         |
| psdoc                 | A tool for PSTricks documentation                                                | Sharpe                                | 478         |
| pstex                 | Processor for including figures in L <sup>A</sup> T <sub>E</sub> X               | Hunt                                  | 281         |
| psioedit              | Translate PostScript and PDF to other formats                                    | Glunz                                 | 244         |
| psiool                | Support for psfrag within pdfLaTeX                                               | Robertson, Prime                      | 445         |
| psiootext             | Extract ASCII from PostScript and PDF                                            | Birrell, McJones                      | 162         |
| psiootrees            | Construct linguistics trees using a preprocessor                                 | Sternefeld                            | 495         |
| psiootricks-add       | A collection of add-ons and bugfixes for PSTricks                                | Voß, Rodriguez                        | 561         |
| psiootricks-base      | PostScript macros for T <sub>E</sub> X                                           | Voß, Girou, Van Zandt                 | 561         |
| psiootricks-calcnates | Use of PSTricks in calculus lecture notes                                        | Quan                                  | 431         |
| psiootricks-exampl... | PSTricks examples files of the 7th edition of the book PSTricks                  | Voß                                   | 559         |
| psiootricks-exampl... | Examples from PSTricks book (English edition)                                    | Voß                                   | 560         |
| psiootricks-examples  | PSTricks examples                                                                | Voß                                   | 559         |
| psiostring            | Typeset sequences with justification pointers                                    | Blum                                  | 163         |
| psiothesis            | Package for writing a thesis at Penn State University                            | Floros                                | 230         |
| psioutils             | PostScript utilities                                                             | Duggan                                | 211         |
| ptex-base             | Plain T <sub>E</sub> X format for pTeX and e-pTeX                                | Japanese T <sub>E</sub> X Team, Maeda | 287         |
| ptex-fontmaps         | Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex | Japanese T <sub>E</sub> X Team        | 287         |
| ptex-fonts            | Fonts for use with pTeX                                                          | Japanese T <sub>E</sub> X Team, Maeda | 287         |
| ptex-manual           | Japanese pTeX manual                                                             | Japanese T <sub>E</sub> X Team        | 287         |
| ptex-texmf            | Macro and other extensions for use with PTeX                                     | Japanese T <sub>E</sub> X Team        | 287         |
| ptex                  | A T <sub>E</sub> X system for publishing in Japanese                             | Japanese T <sub>E</sub> X Team        | 287         |

| <i>Package</i>     | <i>Caption</i>                                                                                             | <i>Author</i>                            | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------|
| ptex2pdf           | Convert Japanese $\TeX$ documents to PDF                                                                   | Japanese $\TeX$ Team                     | 287         |
| ptext              | A ‘lipsum’ for Persian                                                                                     | Damanafshan                              | 200         |
| pthyphs            | Hyphenation Patterns for Portuguese                                                                        | de Rezende                               | 441         |
| ptlataxcommands    | LaTeX to commands in Portuguese                                                                            | Pereira de Moraes Junior                 | 374         |
| ptmsc              | Addon to the newtx package                                                                                 | Sharpe                                   | 478         |
| ptolemaicastronomy | Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)                         | Zach                                     | 586         |
| ptptex             | Macros for ‘Progress of Theoretical Physics’                                                               | Tomonaga, Yukawa                         | 527         |
| ptsans             | PT Sans font and $\LaTeX$ support                                                                          | Farar                                    | 222         |
| ptserif            | PT Serif font and $\LaTeX$ support                                                                         | Farar                                    | 222         |
| Punk-LaTeX         | LaTeX support for punk fonts                                                                               | Jørgensen                                | 291         |
| punk               | Donald Knuth’s punk font                                                                                   | Knuth, Grover                            | 312         |
| punknova           | OpenType version of Knuth’s Punk font                                                                      | Hosny, Knuth                             | 279         |
| purifyeps          | Make EPS work with both $\LaTeX$ /dvips and pdfLaTeX                                                       | Pakin                                    | 406         |
| PuyoTikZ           | Quickly typeset board states of Puyo Puyo games                                                            | Osborne                                  | 403         |
| pwebmac            | Consolidated WEB macros for DVI and PDF output                                                             | Scherer                                  | 464         |
| PWT                | An outline of publishing with $\TeX$                                                                       | van der Laan                             | 326         |
| pxbase             | Tools for use with (u)pLaTeX                                                                               | Yato                                     | 584         |
| pxchfon            | Japanese font setup for pLaTeX and upLaTeX                                                                 | Yato                                     | 584         |
| pxcjkcat           | LaTeX interface for the CJK category codes of upTeX                                                        | Yato                                     | 584         |
| pxfonts            | Palatino-like fonts in support of mathematics                                                              | Ryu                                      | 458         |
| pxgreek            | Shape selection for PX fonts Greek letters                                                                 | Burnol                                   | 176         |
| pxjahyper          | Hyperref support for pLaTeX                                                                                | Yato                                     | 584         |
| pxjodel            | Help change metrics of fonts from japanese-otf                                                             | Yato                                     | 584         |
| pxpgfmark          | e-pTeX driver for PGF inter-picture connections                                                            | Yato                                     | 584         |
| pxpic              | Draw pixel pictures                                                                                        | Spratte                                  | 491         |
| pxrubrica          | Ruby annotations according to JIS X 4051                                                                   | Yato                                     | 584         |
| pxtatescale        | Patch to graphics driver for scaling in vertical direction of pTeX                                         | Yamashita                                | 582         |
| pxtxalfa           | Virtual maths alphabets based on pxfonts and txfonts                                                       | Sharpe                                   | 478         |
| pxufont            | Emulate non-Unicode Japanese fonts using Unicode fonts                                                     | Yato                                     | 584         |
| pybib              | Command line utilities to check, sort, merge BibTeX files                                                  | Corke                                    | 196         |
| pybliographer      | A tool for managing bibliographic databases                                                                | Gobry                                    | 245         |
| pydocstrip         | Scripted version of $\LaTeX$ docstrip                                                                      | Huynh                                    | 282         |
| pygmentex          | Use Pygments to format code listings in documents                                                          | Malaquias                                | 356         |
| PyLuaTeX           | Execute Python code on the fly in your $\LaTeX$ documents                                                  | Enderle                                  | 217         |
| pynotebook         | pynotebook presents (raw, Markdown or Python) codes (and execution with LuaLaTeX) as in a Jupyter Notebook | Pierquet                                 | 417         |
| python             | Embed Python code in $\LaTeX$                                                                              | Ehmsen                                   | 215         |
| pythonhighlight    | Highlighting of Python code, based on the listings package                                                 | Verdier                                  | 547         |
| pythonimmediate    | Library to run Python code                                                                                 | user202729                               | 544         |
| pythontex          | Run Python from within a document, typesetting the results                                                 | Poore                                    | 422         |
| pzccl              | Zapf Chancery as calligraphic math alphabet                                                                | Milde                                    | 369         |
| <b>QQQQQ</b>       |                                                                                                            |                                          |             |
| Q-and-A            | Typesetting Q&A-style conversation made easier                                                             | XU                                       | 581         |
| qbibman            | Graphical frontend to BibTool                                                                              | Goertz                                   | 245         |
| qcircuit           | Macros to generate quantum circuits                                                                        | Eastin, Flammia, Scholten                | 212         |
| QCM                | A $\LaTeX$ 2e class for making multiple choice questionnaires                                              | Verna                                    | 548         |
| qdtexvpl           | Quick and dirty virtual font creation                                                                      | Mattes                                   | 360         |
| qed                | Produce an “end-of-proof” mark                                                                             | Taylor                                   | 513         |
| qfig               | DOS graphics program                                                                                       | Ofosu-Amaah                              | 399         |
| qfonts             | PostScript (Adobe Type 1) fonts in QX layout                                                               | JNS team, Jackowski, Nowacki, Strzelczyk | 289         |
| qm                 | Commands for bras and kets and the like                                                                    | Christlieb                               | 191         |
| qms                | VMS tools for controlling QMS printers                                                                     | Unknown                                  | 539         |
| qobitree           | LaTeX macros for typesetting trees                                                                         | Siskind                                  | 484         |

| <i>Package</i>     | <i>Caption</i>                                                                              | <i>Author</i>                                                  | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------|
| qrbill             | Create QR bills using $\LaTeX$                                                              | Peischl, Antener                                               | 413         |
| qrcode             | Generate QR codes in $\LaTeX$                                                               | Hendrickson                                                    | 269         |
| qrcodetikz         | Prettier QR codes                                                                           | Frasson                                                        | 233         |
| qrcstamps          | Create QR codes using stamps                                                                | Story                                                          | 498         |
| qsharp             | Syntax highlighting for the Q# language                                                     | Granade                                                        | 250         |
| qstest             | Bundle for unit tests and pattern matching                                                  | Kastrup                                                        | 295         |
| qsymbols           | Maths symbol abbreviations                                                                  | Rose                                                           | 451         |
| qtree              | Draw tree structures                                                                        | Dimitriadis, Siskind                                           | 206         |
| qualitytype        | The QualiType font collection                                                               | Miller                                                         | 369         |
| quantikz           | Draw quantum circuit diagrams                                                               | Kay                                                            | 296         |
| quantum-chemist... | Use consistent typesetting for quantum chemistry related software                           | Selzer                                                         | 475         |
| quantumarticle     | Document class for submissions to the Quantum journal                                       | Quantum — the open journal for quantum science, Meyer, Gogolin | 431         |
| quantumcubemodel   | Representation of quantum states in the quantum cube model                                  | Schacht                                                        | 461         |
| quattrocento       | Quattrocento and Quattrocento Sans fonts with $\LaTeX$ support                              | Tennent                                                        | 518         |
| quickreaction      | A simple and fast way to typeset chemical reactions                                         | Lambertini                                                     | 327         |
| quicktype          | LaTeX package for quick typesetting                                                         | Mifsud                                                         | 368         |
| quiver             | Draw commutative diagrams exported from <a href="https://quiver.app">https://quiver.app</a> | Unknown                                                        | 539         |
| quiz2socrative     | Prepare questions for socrative quizzes                                                     | Lella                                                          | 334         |
| quizztex           | Create quizzes like in TV shows                                                             | Pierquet                                                       | 417         |
| quotation          | Typeset an attributed quotation                                                             | Unknown                                                        | 539         |
| quotchap           | Decorative chapter headings                                                                 | Klever, Tinnefeld                                              | 307         |
| quote              | Match pairs of double-quote characters                                                      | Goatley                                                        | 245         |
| quotes             | Smart double quotes in $\LaTeX$ input                                                       | Bosisio                                                        | 167         |
| quoting            | Consolidated environment for displayed text                                                 | Titz                                                           | 525         |
| quotmark           | Consistent quote marks                                                                      | Talbot                                                         | 510         |
| quran-bn           | Bengali translations to the quran package                                                   | Razavian                                                       | 436         |
| quran-de           | German translations to the quran package                                                    | Razavian                                                       | 436         |
| quran-en           | English translation extension to the quran package                                          | Razavian                                                       | 437         |
| quran-es           | Spanish Translations for the quran package                                                  | Razavian                                                       | 437         |
| quran-id           | Indonesian translation extension to the quran package                                       | Razavian                                                       | 437         |
| quran-ur           | Urdu translations to the quran package                                                      | Razavian                                                       | 437         |
| quran              | An easy way to typeset any part of The Holy Quran                                           | Razavian                                                       | 436         |
| QWorld             | Drawing string diagrams for monoidal categories and quantum theory in $\TeX$                | Ryota                                                          | 458         |
| qyxf-book          | Book Template for Qian Yuan Xue Fu                                                          | You                                                            | 585         |
| <b>RRRRR</b>       |                                                                                             |                                                                |             |
| r_und_s            | Chemical hazard codes                                                                       | Nordenholz                                                     | 390         |
| r2bib              | Convert refer and EndNote files to BibTeX                                                   | Mathar                                                         | 359         |
| ragged             | Generic ragged left and ragged right options                                                | Siebenmann                                                     | 482         |
| ragged2e           | Alternative versions of “ragged”-type commands                                              | Schröder, Peischl                                              | 471         |
| raggedr            | Set an entire document raggedright                                                          | Kilfiger                                                       | 301         |
| rail               | Syntax specification in EBNF                                                                | Rooijakkers, Barthelmann                                       | 451         |
| rainbowbrackets    | Automatic coloring of nested parentheses                                                    | Koenig                                                         | 313         |
| rake4latex         | A rake-based tool to compile $\LaTeX$ projects                                              | Lickert                                                        | 337         |
| raleyway           | Use Raleyway with $\TeX$ (-alike) systems                                                   | Hofstra                                                        | 275         |
| ran_toks           | Randomise token strings                                                                     | Story                                                          | 499         |
| randbild           | Marginal pictures                                                                           | Ebermann                                                       | 213         |
| randexam           | Make an exam paper and its randomized variants                                              | Lyu                                                            | 353         |
| randintlist        | Creating random integer number lists, with repeating and sorting options                    | Pierquet                                                       | 417         |
| random             | Generating “random” numbers in $\TeX$                                                       | Arseneau                                                       | 144         |
| randomlist         | Deal with database, loop, and random in order to build personalized exercises               | Charpentier, Tellechea                                         | 186         |

| <i>Package</i>     | <i>Caption</i>                                                                                | <i>Author</i>                                                       | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------|
| randomwalk         | Random walks using TikZ                                                                       | Le Floch                                                            | 229         |
| randtext           | Randomise the order of characters in strings                                                  | Duan                                                                | 210         |
| rangecite          | Will turn a range of citations into something like [1..3]                                     | Dershowitz, Reingold                                                | 204         |
| rangen             | Generate random integers, rational and decimal numbers                                        | Story                                                               | 499         |
| rank-2-roots       | Draw (mathematical) rank 2 root systems                                                       | McKay                                                               | 364         |
| ransom             | A “very bad typewriter” font                                                                  | Knuth                                                               | 311         |
| ratex              | A package for German lawyers                                                                  | Vosberg                                                             | 555         |
| ratexdb            | Database reports using $\LaTeX$ and Ruby                                                      | Höns                                                                | 277         |
| rawfonts           | Low level font compatibility mode for $\LaTeX$                                                | Jeffrey, $\LaTeX$ Team                                              | 288         |
| rawprint           | Print raw Russian text                                                                        | Veytsman                                                            | 551         |
| rbt-mathnotes      | Rebecca Turner’s personal macros and styles for typesetting mathematics notes                 | Turner                                                              | 530         |
| rccol              | Decimal-centered optionally rounded numbers in tabular                                        | Guthöhrlein                                                         | 257         |
| rccs-multi         | Typeset RCS version control in multiple-file documents                                        | Scharrer                                                            | 462         |
| rccs-pln           | RCS data in Plain $\TeX$ documents                                                            | Rose                                                                | 451         |
| rccs               | Use RCS (revision control system) tags in $\LaTeX$ documents                                  | Schrod, Gilbey                                                      | 470         |
| rccsinfo           | Support for the revision control system                                                       | Vollmer                                                             | 555         |
| ReadableCV         | A highly readable and good looking CV and letter class                                        | Stone                                                               | 495         |
| readarray          | Read, store and recall array-formatted data                                                   | Segletes                                                            | 474         |
| readprov           | Provides GetFileInfo without the need to load the file                                        | Lück                                                                | 348         |
| realboxes          | Variants of common box-commands that read their content as real box and not as macro argument | Scharrer                                                            | 462         |
| realcalc           | Macros for real arithmetic calculations                                                       | Buchholz                                                            | 173         |
| realhats           | Put real hats on symbols instead of $\wedge$                                                  | Scroggs, Townsend                                                   | 474         |
| realscripts        | Access OpenType subscript and superscript glyphs                                              | Robertson                                                           | 444         |
| realtranspose      | The “real” way to transpose a Matrix                                                          | Quentin                                                             | 431         |
| rebuttal           | Markup for structured journal and conference paper rebuttals                                  | Deitsch                                                             | 202         |
| rec-thy            | Commands to typeset recursion theory papers                                                   | Gerdes                                                              | 240         |
| recipe             | A $\LaTeX$ class to typeset recipes                                                           | Loreti                                                              | 345         |
| recipebook         | Typeset 5.5” x 8” recipes for browsing or printing                                            | Granger                                                             | 250         |
| recipecard         | Typeset recipes in note-card-sized boxes                                                      | Reish                                                               | 440         |
| recorder-fingering | Package to display recorder fingering diagrams                                                | Munn                                                                | 379         |
| rectopma           | Recycle top matter                                                                            | Benciolini                                                          | 158         |
| recycle            | A font providing the “recyclable” logo                                                        | Green, Pakin                                                        | 252         |
| redefine           | Conditional macro, etc., definitions                                                          | Unknown                                                             | 539         |
| redis              | A Hebrew font                                                                                 | Goldberg                                                            | 245         |
| REdit              | Menu-based editor                                                                             | Rogalla                                                             | 448         |
| refcheck           | Check references (in figures, table, equations, etc)                                          | Motygin                                                             | 376         |
| refcount           | Counter operations with label references                                                      | Oberdiek                                                            | 397         |
| refenums           | Define named items and provide back-references with that name                                 | Kopp                                                                | 318         |
| refer-tools        | Convert between refer format and BibTeX format                                                | Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke | 357         |
| refer              | Convert a BibTeX bibliography to refer format                                                 | McHale                                                              | 363         |
| references         | Bibliographic software supporting $\LaTeX$ /BibTeX                                            | Kiefel                                                              | 300         |
| reflectgraphics    | Techniques for reflecting graphics                                                            | Reiche                                                              | 438         |
| refman             | Format technical reference manuals                                                            | Kielhorn, Partl                                                     | 301         |
| refreshpdf         | Refresh PDF files “remotely”                                                                  | Gerhardt                                                            | 240         |
| refstyle           | Advanced formatting of cross references                                                       | Els                                                                 | 216         |
| regcount           | Display the allocation status of the $\TeX$ registers                                         | Drucbert                                                            | 209         |
| regexpatch         | High level patching of commands                                                               | Gregorio                                                            | 254         |
| register           | Typeset programmable elements in digital hardware (registers)                                 | Lovell                                                              | 346         |
| regstats           | Information about register use                                                                | Münch                                                               | 378         |
| regulatory         | Flexible drafting of legal documents, especially in Dutch                                     | Nijenhuis                                                           | 389         |
| reledmac           | Typeset scholarly editions                                                                    | Rouquette                                                           | 454         |

| <i>Package</i>   | <i>Caption</i>                                                                     | <i>Author</i>                                                  | <i>Page</i> |
|------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------|
| reledpar         | Typeset scholarly editions in parallel texts                                       | Rouquette                                                      | 454         |
| relenc           | A “relaxed” font encoding                                                          | Hellström                                                      | 268         |
| relsize          | Set the font size relative to the current font size                                | Swift, Arseneau                                                | 503         |
| removefr         | Remove from counter-reset lists                                                    | Arseneau                                                       | 144         |
| remreset         | Remove counters from reset list                                                    | Carlisle                                                       | 181         |
| renditions       | Multiple versions from the same content                                            | Story                                                          | 499         |
| reotex           | Draw Reo Channels and Circuits                                                     | Oliveira                                                       | 400         |
| repeat           | Repeat execution of macros                                                         | Eijkhout                                                       | 215         |
| repeatindex      | Repeat items in an index after a page or column break                              | Harders                                                        | 263         |
| repere           | MetaPost macros for secondary school mathematics teachers                          | Péault                                                         | 411         |
| repltext         | Control how text gets copied from a PDF file                                       | Pakin                                                          | 406         |
| report           | Typeset a multi-chapter report                                                     | L <sup>A</sup> T <sub>E</sub> X Team                           | 428         |
| repththeorem     | Repetition of theorem environments                                                 | Straat                                                         | 499         |
| required         | Packages “required” of a L <sup>A</sup> T <sub>E</sub> X distribution              | L <sup>A</sup> T <sub>E</sub> X Team, Rahtz, Schmidt, Volovich | 429         |
| rerunfilecheck   | Checksum based rerun checks on auxiliary files                                     | Oberdiek                                                       | 397         |
| res              | A résumé class                                                                     | Krishnamurthy, DeCorte                                         | 320         |
| rescansync       | Re-scan tokens with synctex information                                            | user202729                                                     | 544         |
| resizgather      | Automatically resize overly large equations                                        | Oberdiek                                                       | 397         |
| resmes           | Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X                      | De Donato                                                      | 207         |
| ResolSysteme     | Work on linear systems using xint or pyluatex                                      | Pierquet                                                       | 417         |
| resphilosophica  | Typeset articles for the journal Res Philosophica                                  | Veytsman                                                       | 551         |
| responsive       | Responsive design methods for L <sup>A</sup> T <sub>E</sub> X                      | Hoftich                                                        | 276         |
| rest-api         | Describing a rest api                                                              | Klein                                                          | 306         |
| resumeccls       | Typeset a resume both in English and Chinese                                       | Hu                                                             | 279         |
| resumemac        | Plain T <sub>E</sub> X macros for resumés                                          | Hosek                                                          | 278         |
| RetosMatematicos | LaTeX template for the Telegram group “Retos Matemáticos”                          | Díaz Bordón, Muñoz                                             | 166         |
| returntogrid     | Semi-automatic grid typesetting                                                    | Fischer                                                        | 228         |
| reverxii         | Playing Reversi in T <sub>E</sub> X                                                | Le Floch                                                       | 229         |
| revnum           | Reverse enumerate                                                                  | Wilms                                                          | 571         |
| revquantum       | Hacks to make writing quantum papers for revtex4-1 less painful                    | Granade                                                        | 250         |
| revtex           | Styles for various Physics Journals                                                | Ogawa, Doyle, Oleinik, Mittelbach                              | 400         |
| revtex4-0        | Styles for various Physics Journals (old version)                                  | Ogawa, Doyle, Oleinik, Mittelbach                              | 400         |
| revtex4-1        | Styles for various Physics Journals                                                | Ogawa, Doyle, Oleinik, Mittelbach                              | 400         |
| rftc2bib         | Generate BibTeX entries for IETF RFCs                                              | Mortier                                                        | 375         |
| rfl              | Ruby font installer library                                                        | Gundlach                                                       | 256         |
| RGB              | Tables of RGB colour parameters                                                    | Loreti                                                         | 345         |
| rgltxdoc         | Common code for documentation of the author’s packages                             | Grewe                                                          | 254         |
| ribbonproofs     | Drawing ribbon proofs                                                              | Wickerson                                                      | 570         |
| richtext         | Create rich text strings                                                           | Story                                                          | 499         |
| rigidnotation    | Typeset vectors and matrices following the RIGID notation                          | Nadeau                                                         | 382         |
| rit-fonts        | Malayalam fonts by Rachana Institute of Typography (RIT)                           | Radhakrishnan                                                  | 432         |
| rjlparschap      | Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X                    | Lee                                                            | 332         |
| rlepf            | Rewrite labels in EPS graphics                                                     | Rourke                                                         | 454         |
| rmannot          | Create rich media annotations in a PDF file                                        | Story                                                          | 499         |
| rmathbr          | Repeating of math operator at the broken line and the new line in inline equations | Ryabov                                                         | 458         |
| rmligs           | Remove incorrect ligatures in German documents                                     | Jacke                                                          | 284         |
| rmpage           | A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X | McDonnell                                                      | 363         |
| rmthm            | Use a roman font for theorem statements                                            | Verwer                                                         | 548         |
| rnototex         | Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X                             | Vanroose                                                       | 545         |
| Robot Man        | A fun demo of AcroTeX eDucation Bundle facilities                                  | Story                                                          | 499         |



| <i>Package</i>     | <i>Caption</i>                                                                                     | <i>Author</i>                                           | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------|
| robotarm           | TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms           | Snippe                                                  | 487         |
| roboto             | Support for the Roboto family of fonts                                                             | Tennent                                                 | 518         |
| robust-externalize | Cache anything (TikZ, python, ...) in a robust, efficient and pure way                             | Colisson                                                | 194         |
| robustcommand      | Declare robust command, with \newcommand checks                                                    | Ebermann                                                | 213         |
| robustindex        | Create index with pagerefs                                                                         | van der Kallen                                          | 293         |
| rojud              | A font with the images of the counties of Romania                                                  | Bazon                                                   | 152         |
| romanbar           | Write roman number with “bars”                                                                     | Münch                                                   | 378         |
| romanbarpagenumber | Typesetting roman page numbers                                                                     | Schneider                                               | 468         |
| romandeadf         | Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support                                      | Rees                                                    | 438         |
| romaniantex        | LaTeX support for Romanian                                                                         | Rezus                                                   | 441         |
| romanneg           | Roman page numbers negative                                                                        | Wolczko                                                 | 575         |
| romannum           | Generate roman numerals instead of arabic digits                                                   | Robertson, Wilson                                       | 446         |
| rorlink            | Create ROR symbols which links to the given ROR-IDs                                                | Lukas                                                   | 350         |
| rosario            | Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X                                  | Esbati                                                  | 218         |
| rotate-textures    | Box rotation macros for Textures                                                                   | Karney                                                  | 294         |
| rotate             | Rotate T <sub>E</sub> X boxes                                                                      | Unknown                                                 | 539         |
| rotating           | Rotation tools, including rotated full-page floats                                                 | Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team | 221         |
| rotchiffre         | Perform simple rotation cyphers                                                                    | Oberdiek                                                | 397         |
| rotfloat           | Rotate floats                                                                                      | Sommerfeldt                                             | 488         |
| rotpages           | Typeset sets of pages upside-down and backwards                                                    | Callegari                                               | 179         |
| rotunda            | Rotunda manuscript book-hand font                                                                  | Wilson                                                  | 573         |
| RoueQuestions      | Draw a “question wheel” (roue de questions)                                                        | Vignal Danilet                                          | 201         |
| roundbox           | Round boxes in L <sup>A</sup> T <sub>E</sub> X                                                     | Khalighi, bidi-tex GitHub Organisation                  | 299         |
| roundrect          | MetaPost macros for highly configurable rounded rectangles (optionally with text)                  | Goodman                                                 | 247         |
| rpg-module         | Typesetting old-school Dungeons and Dragons modules                                                | Davis                                                   | 201         |
| rpgicons           | Icons for tabletop role-playing games                                                              | Habicht                                                 | 258         |
| rplain             | Redefines the plain pagestyle                                                                      | Sommerfeldt                                             | 488         |
| rputover           | Place text over PSTricks objects without obscuring background colors                               | Osborne                                                 | 403         |
| RRGtrees           | Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X | Gardner                                                 | 239         |
| rsc                | BibTeX style for use with RSC journals                                                             | Wright                                                  | 577         |
| rsfs               | Ralph Smith’s Formal Script font                                                                   | Smith, Hoekwater                                        | 486         |
| rsfso              | A mathematical calligraphic font based on rsfs                                                     | Sharpe                                                  | 478         |
| RST                | Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X                  | Reitter                                                 | 440         |
| rterface           | Access to R analysis from within a document                                                        | Bogue                                                   | 164         |
| rtf2latex2e        | Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e                          | Sathyam, Prah                                           | 459         |
| rtf2tex            | Convert RTF to T <sub>E</sub> X                                                                    | Lupton                                                  | 351         |
| rtkinenc           | Input encoding with fallback procedures                                                            | Hellström                                               | 268         |
| rtklage            | Make suit details for German courts                                                                | Vosberg                                                 | 555         |
| rtsched            | Draw Real-Time scheduling (GANTT) charts                                                           | Lipari                                                  | 339         |
| rub-kunstgeschi... | A class for the art history institute at Ruhr University Bochum                                    | Schneyer                                                | 468         |
| rubik              | Document Rubik cube configurations and rotation sequences                                          | Nickalls, Syropoulos                                    | 385         |
| rubikcube          | Typeset Rubik cubes and move notation                                                              | Nickalls, Syropoulos                                    | 385         |
| rubikrotation      | Processes a sequence of Rubik rotations                                                            | Nickalls, Syropoulos                                    | 386         |
| rubiktwoCube       | Typeset Rubik TwoCubes and move notation                                                           | Nickalls, Syropoulos                                    | 386         |
| ruhphen            | Russian hyphenation                                                                                | Volovich                                                | 555         |
| rule-d             | Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules                            | Kohm                                                    | 315         |
| ruled-tables       | Plain T <sub>E</sub> X table macros, with ruled capability                                         | Myers                                                   | 382         |
| ruler              | A typographic ruler for T <sub>E</sub> X                                                           | Eijkhout                                                | 215         |
| rulerbox           | Draw rulers around a box                                                                           | Yang                                                    | 582         |
| rulercompass       | A TikZ library for straight-edge and compass diagrams                                              | Stacey                                                  | 491         |
| runcode            | Execute foreign source code and embed the result in the pdf file                                   | Bar, Wang                                               | 149         |

| <i>Package</i>   | <i>Caption</i>                                                                                          | <i>Author</i>           | <i>Page</i> |
|------------------|---------------------------------------------------------------------------------------------------------|-------------------------|-------------|
| runDoc           | Automate the process of compiling (La)TeX documents with index, bibliography, ...                       | Voß                     | 560         |
| rune             | Two rune fonts                                                                                          | Grant, Lüddecke         | 251         |
| runic            | Fonts for Anglo-Saxon futharc script                                                                    | Wilson                  | 573         |
| runtex           | Windows program to run T <sub>E</sub> X variant and various utils as needed                             | Becker                  | 155         |
| runtexfile       | Automate the process of compiling (La)TeX documents with index, bibliography, ...                       | Voß                     | 560         |
| runtexshebang    | A Lua script running L <sup>A</sup> T <sub>E</sub> X document files with T <sub>E</sub> X-style shebang | Yamamoto                | 581         |
| ruscap           | A Metafont for rustic capitals                                                                          | Sannier                 | 459         |
| russ             | LaTeX in Russian, without babel                                                                         | Shashkov                | 479         |
| russian-help     | LaTeX help in Russian                                                                                   | Lubenets                | 346         |
| rustic           | Roman Rustic manuscript book-hand font                                                                  | Wilson                  | 573         |
| rutitlepage      | Radboud University Titlepage Package                                                                    | Lubbers                 | 346         |
| rviewport        | Relative Viewport for Graphics Inclusion                                                                | Veytsman                | 551         |
| rvwrite          | Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X                      | Radhakrishnan           | 432         |
| rwth-ci          | LaTeX templates using CI of RWTH Aachen University                                                      | Peischl                 | 412         |
| ryersonSGSThesis | Ryerson School of Graduate Studies thesis template                                                      | Shoaib                  | 481         |
| rythesis         | Class for Ryerson University Graduate School requirements                                               | Lassaline               | 330         |
| <b>SSSSS</b>     |                                                                                                         |                         |             |
| s2latex          | A scribe to L <sup>A</sup> T <sub>E</sub> X converter                                                   | Jacobson, James         | 286         |
| sa-tikz          | TikZ library to draw switching architectures                                                            | Fiandrino               | 225         |
| sacsymb          | “Sacred Symbols” prepared with TikZ                                                                     | Nyaupane                | 392         |
| sae              | Typeset an SAE technical paper                                                                          | Franke                  | 233         |
| saferef          | Safer references through strong typing of references                                                    | Ashton                  | 146         |
| sageep           | Format papers for the annual meeting of EEGS                                                            | Veytsman                | 551         |
| SageTeX          | Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X                                          | Pasechnik, Drake        | 410         |
| sam2p            | Convert bitmap formats to compact PS/PDF                                                                | Szabó                   | 506         |
| samples          | Samples of Plain T <sub>E</sub> X coding                                                                | Unknown                 | 539         |
| sanhyph          | Sanskrit hyphenation patterns                                                                           | Codet                   | 193         |
| sanitize-umlaut  | Sanitize umlauts for MakeIndex and pdfLaTeX                                                             | Sturm                   | 501         |
| sankey           | Draw Sankey diagrams with TikZ                                                                          | Gaborit                 | 237         |
| sans             | Exchange Roman and Sans faces in a document                                                             | Knappen                 | 309         |
| sanskrit-t1      | Type 1 version of ‘skt’ fonts for Sanskrit                                                              | Korop                   | 318         |
| sanskrit         | Sanskrit support                                                                                        | Haisman, Wikner, Prasad | 259         |
| sansmath         | Maths in a sans font                                                                                    | Arseneau                | 144         |
| sansmathaccent   | Correct placement of accents in sans-serif maths                                                        | Barton                  | 150         |
| sansmathfonts    | Extended Computer Modern sans serif fonts                                                               | Barton                  | 150         |
| sapthesis        | Typeset theses for Sapienza-University, Rome                                                            | Biccari                 | 161         |
| sarabian         | Archaic South Arabian script font                                                                       | Wilson, Stanier         | 574         |
| SASnRdisplay     | Typeset SAS or R code or output                                                                         | Madsen                  | 354         |
| sauerj           | A bundle of utilities by Jonathan Sauer                                                                 | Sauer                   | 460         |
| sauter           | Wide range of design sizes for CM fonts                                                                 | Sauter, Nijhof          | 460         |
| sauterfonts      | Use Sauter’s fonts in L <sup>A</sup> T <sub>E</sub> X                                                   | Barthelmann             | 150         |
| saveenv          | Save environment content verbatim                                                                       | user202729              | 544         |
| savefnmark       | Save name of the footnote mark for reuse                                                                | Kuhlmann                | 323         |
| savesym          | Redefine symbols where names conflict                                                                   | Göbel                   | 245         |
| savetrees        | Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document                             | Pakin                   | 406         |
| sbtex            | A compact T <sub>E</sub> X distribution for MS-DOS                                                      | Sullivan                | 501         |
| sc21-wg1         | Title page for the old ISO TC97/SC21/WG1 working group                                                  | Unknown                 | 539         |
| sc21             | Title page for the old ISO TC97/SC21 committee                                                          | Unknown                 | 539         |
| scale            | Scale document by sqrt(2) or magstep(2)                                                                 | Sandmann                | 459         |
| scalebar         | Create scalebars for maps, diagrams or photos                                                           | Lake                    | 327         |
| scaleftnt        | Rescale fonts to arbitrary sizes                                                                        | Carlisle                | 181         |
| scalerel         | Constrained scaling and stretching of objects                                                           | Segletes                | 474         |
| scaletextbullet  | Resize the \textbullet without changing its vertical center                                             | Beery                   | 156         |

| <i>Package</i>     | <i>Caption</i>                                                                        | <i>Author</i>           | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------------------|-------------------------|-------------|
| scanpages          | Support importing and embellishing scanned documents                                  | Sharpe                  | 478         |
| schedule           | Weekly schedules                                                                      | Alexander, Deneault     | 139         |
| schedule209        | Typeset schedules                                                                     | Pfenning                | 414         |
| schemabloc         | Draw block diagrams, using TikZ                                                       | Papanicola              | 408         |
| schemata           | Print topical diagrams                                                                | Schaum                  | 463         |
| schemeTeX          | Typesetting Scheme programs with $\LaTeX$                                             | Ramsdell                | 435         |
| schemeweb          | Simple support for literate programming in Lisp                                       | Ramsdell                | 435         |
| schola-otf         | Using the OpenType fonts $\TeX$ Gyre schola                                           | Voß                     | 560         |
| ScholaX            | Extension of $\TeX$ GyreSchola (New Century Schoolbook) with math support             | Sharpe                  | 479         |
| schooldocs         | Various layout styles for school documents                                            | Missier                 | 371         |
| schule             | Support for teachers at German schools                                                | Pieper, Kuhaupt, Hilbig | 415         |
| schulmathematik    | Commands and document classes for German-speaking teachers of mathematics and physics | Wehr                    | 567         |
| schulschriften     | German “school scripts” from Suetterlin to the present day                            | Entenmann               | 218         |
| schwalbe-chess     | Typeset the German chess magazine “Die Schwalbe”                                      | Höning                  | 277         |
| schwell            | Calligraphic font for typesetting handwriting in Schwell style                        | Ludewig                 | 349         |
| scientific-thes... | Provides cover page and affirmation at the end of a thesis                            | Kopp                    | 318         |
| scientificauthor   | Visual $\LaTeX$ editor                                                                | Manhiça                 | 356         |
| scientificpaper    | Format a scientific paper for journal publication                                     | Aycock                  | 147         |
| scientificviewer   | MacKichan software viewer                                                             | Pearson                 | 411         |
| SciKGT $\TeX$      | Mark research contributions in scientific documents and embed them in PDF metadata    | Bless                   | 163         |
| sciposter          | Make posters of ISO A3 size and larger                                                | Wilkinson               | 571         |
| SciWordConv        | Use Scientific Word/WorkPlace files with another $\TeX$                               | Tuleuov                 | 530         |
| sciang-prettyfier  | Prettyprinting SuperCollider source code                                              | Cretel                  | 197         |
| scmac              | Typeset scripts with Plain $\TeX$                                                     | Piaw                    | 414         |
| scontents          | Stores $\LaTeX$ contents in memory or files                                           | González Luengo         | 350         |
| scorecard          | Format a Baseball scorecard                                                           | Wall                    | 564         |
| Scrabble           | Commands for Scrabble boards                                                          | Pierquet                | 417         |
| scraddr            | Provide data from scr1tr2’s address files                                             | Kohm                    | 315         |
| scrambledenvs      | Create and print scrambled environments                                               | Chen                    | 187         |
| scrartcl           | KOMA-Script ‘article’ class                                                           | Kohm                    | 315         |
| scratch            | Draw programs like “scratch”                                                          | Tellechea               | 514         |
| scratch3           | Draw programs like “scratch”                                                          | Tellechea               | 514         |
| ScratchX           | Include Scratch programs in $\LaTeX$ documents                                        | Ralet                   | 435         |
| scrbase            | Provide basic features for KOMA-Script                                                | Kohm                    | 315         |
| scrbook            | KOMA-Script ‘book’ class                                                              | Kohm                    | 315         |
| scrdate            | Calendar date operations                                                              | Kohm                    | 315         |
| screen             | Prepare a document for a simple previewer                                             | Unknown                 | 540         |
| screenplay-pkg     | Package version of the screenplay document class                                      | Munn                    | 379         |
| screenplay         | A class file to typeset screenplays                                                   | Pate                    | 410         |
| scrextend          | Use of components of KOMA-Script by other packages                                    | Kohm                    | 315         |
| scrhack            | Compatibility package to emulate the former KOMA-Script package<br>scrhack            | Kohm                    | 315         |
| scrindex           | Make index package work with KOMA-Script classes                                      | Oberdiek                | 397         |
| script-font        | Handwriting font                                                                      | Vanroose                | 545         |
| script             | Variant report and book styles                                                        | Neukam, Lichti          | 385         |
| scriptfonts        | A summary of mathematical script fonts for $\LaTeX$ users                             | Fairbairns              | 220         |
| ScriptTeX          | Macros for scripts and screenplays                                                    | McCarthy                | 362         |
| scripture          | A $\LaTeX$ style for typesetting Bible quotations                                     | Purton                  | 431         |
| scrjrn1            | Typeset diaries or journals                                                           | Pinson                  | 420         |
| scrjura            | KOMA-Script support for lawyers, etc.                                                 | Kohm                    | 315         |
| scrlayer-fancyhdr  | Combining fancyhdr with KOMA-Script’s scrlayer                                        | Kohm                    | 315         |
| scrlayer-noteco... | Control note columns parallel to the main text                                        | Kohm                    | 315         |

| <i>Package</i>     | <i>Caption</i>                                                                               | <i>Author</i>                | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------|------------------------------|-------------|
| scrlayer-scrpage   | Define and manage page styles                                                                | Kohm                         | 316         |
| scrlayer           | Manage text ‘layers’ within KOMA-Script                                                      | Kohm                         | 315         |
| scrletter          | Letter extension to KOMA-Script classes                                                      | Kohm                         | 316         |
| scrfile            | Installation control for KOMA-Script packages                                                | Kohm                         | 316         |
| scrlettr2          | KOMA-Script ‘letter’ class                                                                   | Kohm                         | 316         |
| scrlettr2copy      | A letter class option file for the automatic creation of copies                              | Niepraschk                   | 388         |
| scrpage2           | Control of page headers and footers in $\LaTeX$                                              | Kohm                         | 316         |
| scrreprt           | KOMA-Script ‘report’ class                                                                   | Kohm                         | 316         |
| scrtime            | Show the time of a $\LaTeX$ run                                                              | Kohm                         | 316         |
| scrwfile           | Use $\LaTeX$ .aux file in place of \newwrite files                                           | Kohm                         | 316         |
| scsnowman          | Snowman variants using TikZ                                                                  | Yamashita                    | 582         |
| scyrillic          | A family of cyrillic fonts                                                                   | Samarin, Glonti              | 459         |
| sdaps              | LaTeX support files for SDAPS                                                                | Berg                         | 159         |
| sdrct              | Macros for Segmented Discourse Representation Theory                                         | Isambert, Robbers            | 283         |
| sduthesis          | Thesis Template of Shandong University                                                       | Huang                        | 280         |
| se2thesis          | A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany | Lukasczyk                    | 350         |
| seatingchart       | Generation of seating charts                                                                 | Werner                       | 569         |
| secdot             | Section numbers with trailing dots                                                           | Fairbairns, Carlisle         | 220         |
| seceqn             | Number theorems by section                                                                   | Leichter                     | 334         |
| secnum             | A macro to format section numbering intuitively                                              | Gau                          | 239         |
| secret             | Put security classification marks in a document                                              | Duchier                      | 210         |
| secretx            | Put security classification marks in a document                                              | Prussing                     | 430         |
| section            | Modifying section commands in $\LaTeX$                                                       | Pretzel                      | 424         |
| sectionbox         | Create fancy boxed ((sub)sub)sections                                                        | Wilkinson                    | 571         |
| sectionbreak       | LaTeX support for section breaks                                                             | Hoftich                      | 276         |
| sectsty            | Control sectional headers                                                                    | McDonnell                    | 363         |
| seealso            | Improve the performance of \see macros with makeindex                                        | Liu                          | 339         |
| sehyph             | Hyphenation patterns for Swedish                                                             | Rynning                      | 458         |
| selectp            | Select pages to be output                                                                    | Arseneau                     | 144         |
| selectpage         | Select pages to be output from a document                                                    | Knuth                        | 311         |
| selinput           | Semi-automatic detection of input encoding                                                   | Oberdiek                     | 397         |
| selnolig           | Selectively disable typographic ligatures                                                    | Loretan                      | 344         |
| SemanTeX           | Semantic, keyval-based mathematics                                                           | Ørsted                       | 403         |
| semantic-markup    | Meaningful semantic markup in the spirit of the Text Encoding Initiative                     | Cashner                      | 184         |
| semantic           | Help for writing programming language semantics                                              | Neergaard, Glenstrup         | 383         |
| semaphor           | Semaphore alphabet font                                                                      | Zýka                         | 592         |
| semesterplanner    | Create beautiful semester timetables and more                                                | Schneider                    | 468         |
| semesterplannerLua | Draw timetables and other organizational matters useful for planning a semester              | Heindl                       | 267         |
| seminar            | Make overhead slides                                                                         | Van Zandt, Rahtz, Girou, Voß | 587         |
| semioneseide       | Put only special contents on left-hand pages in two sided layout                             | Hennig                       | 271         |
| semproc            | Seminar proceedings                                                                          | Columbus                     | 195         |
| SemTeX             | Deals with stripped SemanTeX documents                                                       | Ørsted                       | 403         |
| semtrans           | Transliteration of semitic languages                                                         | Knappen                      | 309         |
| sentences          | Numbered lists for sentences                                                                 | Unknown                      | 540         |
| sepfootnotes       | Support footnotes and endnotes from separate files                                           | Lourenço de Lima             | 338         |
| sepnum             | Print numbers in a “friendly” format                                                         | Raichle                      | 434         |
| seqsplit           | Split long sequences of characters in a neutral way                                          | Veytsman                     | 551         |
| serbian-apostrophe | Commands for Serbian words with apostrophes                                                  | Filipović                    | 225         |
| serbian-book       | Support for use of memoir in Serbian                                                         | Filipović                    | 225         |
| serbian-date-lat   | Updated date typesetting for Serbian                                                         | Filipović                    | 225         |
| serbian-def-cyr    | Serbian cyrillic localization                                                                | Filipović                    | 226         |

| <i>Package</i>   | <i>Caption</i>                                                                                                    | <i>Author</i>                        | <i>Page</i> |
|------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|
| serbian-lig      | Control ligatures in Serbian                                                                                      | Filipović                            | 226         |
| serbianpart      | Redefines \thepart to be used in Roman lettered Serbian                                                           | Filipović                            | 226         |
| serial           | Generate serial letters                                                                                           | Pedersen                             | 411         |
| sesamanuel       | Class and package for sesamath books or paper                                                                     | Charpentier                          | 186         |
| sesstime         | Session and timing information in lecture notes                                                                   | Beisert                              | 157         |
| setdeck          | Typeset cards for Set                                                                                             | Whieldon                             | 569         |
| setouterhbox     | Set hbox in outer horizontal mode                                                                                 | Oberdiek                             | 397         |
| setspace         | Set space between lines                                                                                           | Harris, Tobin, Fairbairns, Carlisle  | 265         |
| setspaceenhanced | An enhancement of the setspace package                                                                            | Kohm                                 | 316         |
| setstrut         | Automatic strut computation                                                                                       | von Bechtolsheim                     | 154         |
| settobox         | Assigning dimensions of a box to a length register                                                                | Oberdiek                             | 397         |
| settosize-ltx    | Scale text to make it fit a given width                                                                           | Rahtz                                | 433         |
| settosize        | Scale text to given width                                                                                         | Taylor                               | 514         |
| seu-ml-assign    | Southeast University Machine Learning Assignment template                                                         | van Jerry                            | 289         |
| seuthesis        | LaTeX template for theses at Southeastern University                                                              | Yuan                                 | 585         |
| seuthesisx       | LaTeX class for theses at Southeast University, Nanjing, China                                                    | Fan                                  | 222         |
| sexam            | Package for typesetting arabic exam scripts                                                                       | Laouidji                             | 329         |
| sf298            | Standard form 298                                                                                                 | Cochran, Rochford                    | 193         |
| sfarticle        | A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch                                            | Partl, Simon                         | 410         |
| SFEE             | A L <sup>A</sup> T <sub>E</sub> X class for the Smart Factory and Energy Efficiency magazine of the Tecnológico   | de Anda Suárez                       | 141         |
| sffms            | Typesetting science fiction/fantasy manuscripts                                                                   | DeMarco                              | 203         |
| sfg              | Draw signal flow graphs                                                                                           | Schmid                               | 465         |
| sfheaders        | Sans headers                                                                                                      | Loreti                               | 345         |
| sfmath           | Sans-serif mathematics                                                                                            | Dietrich                             | 205         |
| sfwmac           | A set of definitions for Unix system documentation                                                                | Unknown                              | 540         |
| sgame            | LaTeX style for typesetting strategic games                                                                       | Osborne                              | 403         |
| sgmlcmpt         | Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA                                               | Knappen                              | 309         |
| shadbox          | Shade the background of any box                                                                                   | Glazkov                              | 244         |
| shade            | Shade pieces of text                                                                                              | Schmitt                              | 467         |
| shadebox         | Shade boxes using PostScript specials                                                                             | Brewin, Šegan                        | 171         |
| Shaded theorems  | Theorem environments that are shaded                                                                              | Hefferon                             | 266         |
| shading          | LaTeX package for putting text on a shaded background                                                             | Mulder                               | 377         |
| shadow           | Shadow boxes                                                                                                      | Orlandini                            | 402         |
| shadowtext       | Produce text with a shadow behind it                                                                              | Zwols                                | 592         |
| shalom           | A simple Hebrew typesetting bundle                                                                                | Böttcher                             | 168         |
| shapepar         | A macro to typeset paragraphs in specific shapes                                                                  | Arseneau                             | 144         |
| shapepatch       | Transfig patch supporting shapepar                                                                                | Gollwitzer                           | 246         |
| shapes           | Draw polygons, reentrant stars, and fractions in circles with MetaPost                                            | Goodman                              | 247         |
| shavian          | A Shavian spelling alphabet font                                                                                  | Stanier                              | 492         |
| shdoc            | Float environment to document the shell commands of a terminal session                                            | Laube                                | 330         |
| shellesc         | Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X                                                | L <sup>A</sup> T <sub>E</sub> X Team | 428         |
| shhyphl          | Serbo-Croatian hyphenation (Latin alphabet)                                                                       | Muhamedagić                          | 377         |
| shipunov         | A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes                                              | Shipunov                             | 480         |
| shlatex          | LaTeX compilation script for Linux (written in Bash)                                                              | Hilléreau                            | 273         |
| shobhika         | An OpenType Devanāgarī font designed for scholars                                                                 | Kolachana                            | 317         |
| short-math-guide | Guide to using amsmath and related packages to typeset mathematical notation with L <sup>A</sup> T <sub>E</sub> X | The AMS                              | 521         |
| shortcuttool     | Enables shortcut file import to the input tool Shortcut                                                           | Mehl                                 | 365         |
| shortlst         | Compact lists by running several items per line                                                                   | Hansen                               | 261         |
| shortmathj       | Automatically shortify titles of mathematical journals                                                            | Avdeev                               | 147         |
| shorttoc         | Table of contents with different depths                                                                           | Drucbert                             | 209         |
| shortvrb         | Abbreviated verbatim commands                                                                                     | L <sup>A</sup> T <sub>E</sub> X Team | 428         |



| <i>Package</i>     | <i>Caption</i>                                                                                               | <i>Author</i>                          | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------|
| show-pdf-tags      | Extract PDF tags from tagged PDF files                                                                       | Krüger                                 | 322         |
| show2e             | Variants of <code>\show</code> for $\LaTeX$ 2e                                                               | Pégourié-Gonnard                       | 412         |
| showcharinbox      | Show characters inside a box                                                                                 | Khalighi, bidi-tex GitHub Organisation | 299         |
| showdim            | Variants on printing dimensions                                                                              | Downes                                 | 208         |
| showexpl           | Typesetting $\LaTeX$ source code                                                                             | Niepraschk                             | 388         |
| showframe          | Draw a page-layout diagram                                                                                   | Niepraschk                             | 389         |
| showhyphenation    | Marking of hyphenation points                                                                                | Kelkel                                 | 296         |
| showhyphens        | Show all possible hyphenations in LuaLaTeX                                                                   | Gundlach                               | 256         |
| showkerning        | Showing kerns in a document                                                                                  | Kelkel                                 | 296         |
| showkeys           | Show label, ref, cite and bib keys                                                                           | Carlisle                               | 181         |
| showlabels         | Show label commands in the margin                                                                            | Gray                                   | 252         |
| showtags           | Print the tags of bibliography entries                                                                       | Beebe                                  | 155         |
| shsulet            | A letter document style for use at SHSU                                                                      | Greenwade                              | 253         |
| ShtThesis          | An unofficial $\LaTeX$ thesis template for ShanghaiTech University                                           | Li                                     | 337         |
| shuffle            | A symbol for the shuffle product                                                                             | Lejay, Gilbey                          | 334         |
| si                 | A comprehensive (SI) units package                                                                           | Wright                                 | 577         |
| siam               | Styles for SIAM publications                                                                                 | Gray, Cipolone                         | 251         |
| side               | Rotated floats for $\LaTeX$ 2.09                                                                             | Knight, Ryba                           | 309         |
| sidecap            | Typeset captions sideways                                                                                    | Niepraschk, Gäblein                    | 389         |
| sidenotes          | Typeset notes containing rich content, in the margin                                                         | Thomas                                 | 523         |
| sidenotesplus      | Place referenced notes, alerts, figures and tables into the document margin                                  | Vrba                                   | 562         |
| sides              | A $\LaTeX$ class for typesetting stage plays                                                                 | Mui                                    | 377         |
| siggraph           | SIGGRAPH conference class                                                                                    | Kartch                                 | 295         |
| signchart          | Create beautifully typeset sign charts                                                                       | Mottaz                                 | 376         |
| Sikumuna           | Lyx template for Hebrew article format                                                                       | Rutenberg                              | 457         |
| silence            | Selective filtering of error messages and warnings                                                           | Pock, Isambert                         | 421         |
| sillypage          | John Cleese’s Silly Walk as page numbering style                                                             | Cereda                                 | 184         |
| sim-os-menus       | Insert ‘terminal’ or ‘context menu’ or ‘viewers’ like in an OS                                               | Pierquet                               | 417         |
| simple-resume-cv   | Template for a simple resume or curriculum vitae (CV), in $X_{\LaTeX}$                                       | Scrivena                               | 473         |
| simple-thesis-d... | Template for a simple thesis or dissertation (Ph.D. or master’s degree) or technical report, in $X_{\LaTeX}$ | Scrivena                               | 473         |
| simplebnf          | A simple package to format Backus-Naur form (BNF)                                                            | Lee                                    | 331         |
| simplecd           | Simple CD, DVD covers for printing                                                                           | Majoros                                | 356         |
| simplecv           | A simple class for writing curricula vitae                                                                   | Lasgouttes                             | 330         |
| simpleicons        | Simple Icons for $\LaTeX$                                                                                    | Bose                                   | 166         |
| simpleinvoice      | Easy typesetting of invoices                                                                                 | Lohne                                  | 340         |
| simplekv           | A simple key/value system for $\TeX$ and $\LaTeX$                                                            | Tellechea                              | 514         |
| simplenodes        | Simple nodes in four colors written in TikZ for $\LaTeX$                                                     | Vergauwen                              | 547         |
| simpleoptics       | Drawing lenses and mirrors for optical diagrams                                                              | Cawood                                 | 184         |
| simpler-wick       | Simpler Wick contractions                                                                                    | Ellis                                  | 216         |
| simples-matrices   | Define matrices by given list of values                                                                      | Henel                                  | 270         |
| simplewick         | Simple Wick contractions                                                                                     | Kolorenc                               | 317         |
| simplified-latex   | A Simplified Introduction to $\LaTeX$                                                                        | Greenberg, Luecking                    | 252         |
| simplivre          | Write your books in a simple and clear way                                                                   | XU                                     | 581         |
| simpsons           | Metafont source for Simpsons characters                                                                      | Chen                                   | 187         |
| simurgh            | Typeset Parsi in LuaLaTeX                                                                                    | Khalighi, bidi-tex GitHub Organisation | 299         |
| sines              | Calculate sin function values                                                                                | Walker                                 | 564         |
| sinhala            | Support for the Sinhala language                                                                             | Saparamadu                             | 459         |
| sirlin             | Fonts and macros for typesetting Tibetan                                                                     | Sirlin                                 | 484         |
| Sistyle            | Package to typeset SI units, numbers and angles                                                              | Els, Wright                            | 217         |
| sitem              | Save the optional argument of <code>\item</code>                                                             | Majkrzak                               | 355         |
| siunits            | International System of Units                                                                                | Wright, Heldoorn                       | 578         |

| <i>Package</i>     | <i>Caption</i>                                                               | <i>Author</i>                                            | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------|----------------------------------------------------------|-------------|
| siunitx            | A comprehensive (SI) units package                                           | Wright                                                   | 577         |
| SJTUTeX            | LaTeX classes for Shanghai Jiao Tong University                              | Li, Wu                                                   | 337         |
| skak               | Fonts and macros for typesetting chess games                                 | Hoffmann                                                 | 275         |
| SkakNew            | The skak chess fonts redone in Adobe Type 1                                  | Dirr                                                     | 206         |
| skb                | Tools for a repository of long-living documents                              | van der Meer                                             | 365         |
| skdoc              | Documentation and extraction for packages and document classes               | Sigurdhsson                                              | 483         |
| skeldoc            | Placeholders for unfinished documents                                        | Hetland                                                  | 272         |
| sketch             | A 3d sketch language translator                                              | Ressler                                                  | 440         |
| skeycommand        | Create commands using parameters and keyval in parallel                      | Musa                                                     | 381         |
| skeyval            | Key-value parsing combining features of xkeyval and pgfkeys                  | Musa                                                     | 381         |
| skillicons         | Integrate skill icons into your documents                                    | Mnatsakanov                                              | 373         |
| skills             | Create proficiency tests                                                     | Giraud                                                   | 243         |
| skmath             | Extensions to the maths command repertoire                                   | Sigurdhsson                                              | 483         |
| skrapport          | ‘Simple’ class for reports, etc.                                             | Sigurdhsson                                              | 483         |
| skull              | A font to draw a skull                                                       | Grove                                                    | 255         |
| slantsc            | Access different-shaped small-caps fonts                                     | Harders                                                  | 264         |
| slashbox           | Both column and row headings in a tabular cell                               | Yasuoka, Sato                                            | 582         |
| slashed            | Put a slash through characters                                               | Carlisle                                                 | 181         |
| slatex-scheme      | A pretty-printer for Scheme code in T <sub>E</sub> X documents               | Sitaram                                                  | 484         |
| slatex             | LaTeX support for writing Swedish                                            | Mattison                                                 | 361         |
| slem               | Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09                     | Furuta                                                   | 237         |
| slemph             | Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X                          | Swift                                                    | 503         |
| slhyph             | Slovenian hyphenation patterns                                               | Vrečko, Žlajpah                                          | 562         |
| slidenotes         | Typeset slides accompanied by notes                                          | van der Meer                                             | 365         |
| slides             | Class for creating slides                                                    | Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team | 373         |
| slideshow          | Generate slideshow with MetaPost                                             | McPhee                                                   | 364         |
| slixte             | A customizable class for creating slides                                     | Corsini                                                  | 196         |
| sltables           | Simplified tables for L <sup>A</sup> T <sub>E</sub> X                        | Shipunov                                                 | 481         |
| smallcap           | Promote small caps to a font family, so NFSS can deal with different shapes  | Taupin                                                   | 513         |
| smaller            | Choose an “adjacent” size in L <sup>A</sup> T <sub>E</sub> X                 | Cosell, Hosek                                            | 196         |
| smalltableof       | Create listoffigures etc. in a single chapter                                | Mathieu                                                  | 359         |
| smalltalk          | Typeset Smalltalk program fragments                                          | Wolczko                                                  | 575         |
| smart-eqn          | Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents  | Xiang                                                    | 580         |
| smartdiagram       | Generate diagrams from lists                                                 | Fiandrino                                                | 225         |
| smartmn            | Make hyphens print as minus signs where appropriate                          | Knappen                                                  | 309         |
| smartref           | Extend L <sup>A</sup> T <sub>E</sub> X’s \ref capability                     | Bilotta                                                  | 162         |
| smartunits         | Converting between common metric and Imperial units                          | Mathas                                                   | 359         |
| smflatex           | Classes for Société mathématique de France publications                      | Chambert-Loir                                            | 185         |
| SmileTeX           | Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts  | Schüler                                                  | 471         |
| snapshot           | List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document | The AMS, Downes                                          | 521         |
| snaptodo           | A todo that snaps to the closer side                                         | Wang                                                     | 565         |
| snote              | Shaped notes for MusicTeX                                                    | Colburn                                                  | 193         |
| snotez             | Typeset notes, in the margin                                                 | Niederberger                                             | 387         |
| sober              | Makes appearance of standard styles more “sober”                             | Poppelier                                                | 423         |
| sobolev            | Commands for dealing with Sobolev spaces (and relatives)                     | Bosisio                                                  | 167         |
| softfonts          | Manage the “soft fonts” in a LaserWriter printer                             | Small Planet Software                                    | 485         |
| softmaker-altes... | LaTeX Support files for the SoftMaker Alte Schwabacher font                  | Kleber                                                   | 305         |
| softmaker-artistic | LaTeX Support files for the SoftMaker Artistic font                          | Kleber                                                   | 305         |
| softmaker-baske... | LaTeX Support files for the SoftMaker Baskerville Nova fonts                 | Kleber                                                   | 305         |
| softmaker-bonita   | LaTeX Support files for SoftMaker Bonita                                     | Kleber                                                   | 305         |
| softmaker-broadway | LaTeX Support files for the SoftMaker Broadway fonts                         | Kleber                                                   | 305         |
| softmaker-canossa  | LaTeX Support files for the SoftMaker Canossa fonts                          | Kleber                                                   | 305         |
| softmaker-congress | LaTeX Support files for the SoftMaker Congress fonts                         | Kleber                                                   | 305         |

| <i>Package</i>     | <i>Caption</i>                                                       | <i>Author</i>                                 | <i>Page</i> |
|--------------------|----------------------------------------------------------------------|-----------------------------------------------|-------------|
| softmaker-delan... | LaTeX Support files for the SoftMaker Delano Caps font               | Kleber                                        | 305         |
| softmaker-digital  | LaTeX Support files for the SoftMaker Digital fonts                  | Kleber                                        | 305         |
| softmaker-egypt... | LaTeX Support files for the SoftMaker EgyptienneStd fonts            | Kleber                                        | 305         |
| softmaker-flags... | LaTeX Support files for the SoftMaker Flagstaff font                 | Kleber                                        | 305         |
| softmaker-grenoble | LaTeX Support files for the SoftMaker Grenoble fonts                 | Kleber                                        | 305         |
| softmaker-helium   | LaTeX Support files for the SoftMaker Helium fonts                   | Kleber                                        | 305         |
| softmaker-heliu... | LaTeX Support files for the SoftMaker Helium fonts                   | Kleber                                        | 305         |
| softmaker-hende... | LaTeX Support files for the SoftMaker Henderson font                 | Kleber                                        | 305         |
| softmaker-iceberg  | LaTeX Support files for the SoftMaker Iceberg font                   | Kleber                                        | 306         |
| softmaker-inver... | LaTeX Support files for the SoftMaker Inverserif font                | Kleber                                        | 306         |
| softmaker-jugen... | LaTeX Support files for the SoftMaker Jugendstil font                | Kleber                                        | 306         |
| softmaker-marse... | LaTeX Support files for the SoftMaker Marseille fonts                | Kleber                                        | 306         |
| softmaker-moab     | LaTeX Support files for the SoftMaker Moab font                      | Kleber                                        | 306         |
| softmaker-nevada   | LaTeX Support files for the SoftMaker Nevada fonts                   | Kleber                                        | 306         |
| softmaker-newca... | LaTeX Support files for the SoftMaker Newcastle fonts                | Kleber                                        | 306         |
| softmaker-oldbl... | LaTeX Support files for the SoftMaker Old Blackletter font           | Kleber                                        | 306         |
| softmaker-quadrat  | LaTeX Support files for the SoftMaker Quadrat fonts                  | Kleber                                        | 306         |
| softmaker-stone... | LaTeX Support files for the SoftMaker Stone Handwriting font         | Kleber                                        | 306         |
| softmaker-sunset   | LaTeX Support files for the SoftMaker Sunset fonts                   | Kleber                                        | 306         |
| softmaker-tampa    | LaTeX Support files for the SoftMaker Congress fonts                 | Kleber                                        | 306         |
| softmaker-vagro... | LaTeX Support files for the SoftMaker VAGRounded font                | Kleber                                        | 306         |
| softmaker-velo     | LaTeX Support files for the SoftMaker Velo font                      | Kleber                                        | 306         |
| softmaker-veracruz | LaTeX Support files for the SoftMaker Veracruz fonts                 | Kleber                                        | 306         |
| softmakerfreefont  | Support files for SoftMaker free fonts                               | Kleber                                        | 306         |
| somedefs           | Save loading all of another package                                  | Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team | 288         |
| songbook           | Package for typesetting song lyrics and chord books                  | Rath                                          | 436         |
| songproj           | Generate Beamer slideshows with song lyrics                          | Ortolo                                        | 403         |
| songs              | Produce song books for church or fellowship                          | Hamlen                                        | 260         |
| sorhyph            | Upper Sorbian hyphenation patterns                                   | Werner                                        | 568         |
| sort-by-letters    | Bibliography styles for alphabetic sorting                           | van Oudenhove                                 | 403         |
| soton              | University of Southampton-compliant slides                           | Blanco                                        | 162         |
| soul               | Hyphenation for letterspacing, underlining, and more                 | Oberdiek                                      | 398         |
| soulpos            | A fancy means of underlining                                         | Bezos López                                   | 341         |
| soup               | Generate alphabet soup puzzles                                       | Simers                                        | 483         |
| source2e           | LaTeX2e kernel documentation for the entire system as one document   | L <sup>A</sup> T <sub>E</sub> X Team          | 428         |
| sourcecodepro      | Use SourceCodePro with T <sub>E</sub> X(-alike) systems              | Hofstra                                       | 275         |
| SourceSansPro      | Use SourceSansPro with T <sub>E</sub> X(-alike) systems              | Hofstra                                       | 275         |
| sourceserifpro     | Use SourceSerifPro with T <sub>E</sub> X(-alike) systems             | Hofstra                                       | 275         |
| SouthArabian       | A font for an archaic South Arabia script                            | Stanier                                       | 492         |
| soyombo            | Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X  | Corff                                         | 195         |
| spacekern          | Kerning between words and against space                              | Kelkel                                        | 296         |
| spacingtricks      | Addressing various spacing issues                                    | Missier                                       | 371         |
| spain              | Bibliography style for Spanish documents                             | Fernandez                                     | 224         |
| spalign            | Typeset matrices and arrays with spaces and semicolons as delimiters | Rabinoff                                      | 432         |
| spanish-mx         | Typeset Spanish as in Mexico                                         | Rivera                                        | 443         |
| spark-otf          | Support OpenType Spark fonts                                         | Voß                                           | 560         |
| sparklines         | Drawing sparklines: intense, simple, wordlike graphics               | Löffler, Luecking, van Mil-<br>tenburg        | 340         |
| spath3             | Manipulate “soft paths” in PGF                                       | Stacey                                        | 491         |
| spbmark            | Customize superscripts and subscripts                                | Yi                                            | 585         |
| spectral           | Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support          | Tennent                                       | 518         |
| spectralsequences  | Print spectral sequence diagrams using PGF/TikZ                      | Chatham                                       | 186         |
| SpeLaTeX           | Create PDF documents with hyperlinks to audiofragments               | Daems                                         | 198         |
| spelling           | Support for spell-checking of LuaTeX documents                       | Hennig                                        | 271         |
| sphack             | Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros          | Pretzel                                       | 424         |

| <i>Package</i>     | <i>Caption</i>                                                                | <i>Author</i>        | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------------|----------------------|-------------|
| sphdthesis         | LaTeX template for writing PhD Thesis                                         | Garg                 | 239         |
| sphyphb            | Experimental Spanish hyphenation patterns                                     | Medina               | 365         |
| spiderweb          | A tool for building WEB systems                                               | Ramsey               | 435         |
| spie               | Support for formatting SPIE Proceedings manuscripts                           | Hanson, SPIE Support | 261         |
| SpiX               | Yet another TeX compilation tool: simple, human readable, no option, no magic | Paternault           | 410         |
| splentinex         | Splentinex fonts                                                              | Miller               | 370         |
| splines            | MetaPost macros for drawing cubic spline interpolants                         | Luecking             | 349         |
| splint             | Write LALR(1) parsers in TeX using bison and flex                             | Shibakov             | 480         |
| split              | Box two chunks of text side-by side                                           | Skinner              | 485         |
| splitbib           | Split and reorder your bibliography                                           | Markey               | 358         |
| splitindex         | Unlimited number of indexes                                                   | Kohm                 | 316         |
| spot               | Spotlight highlighting for Beamer                                             | Hendrickson          | 269         |
| spotcolor          | Spot colours for pdfLaTeX                                                     | Elstner              | 217         |
| spreadtab          | Spreadsheet features for LaTeX tabular environments                           | Tellechea            | 514         |
| springer           | Macros for Springer journals                                                  | Springer Verlag      | 491         |
| sprite             | Macros to typeset simple bitmaps with LaTeX                                   | Costabel             | 197         |
| sperbatim          | Allow line breaks within \verb and verbatim output                            | Pakin                | 406         |
| SQLTeX             | An SQL Preprocessor for LaTeX                                                 | van Eijk             | 215         |
| sqrcaps            | Square Capitals manuscript book-hand font                                     | Wilson               | 574         |
| sr-half-compound   | Hyphenation of Serbian half-compound words in cyrillic scripts                | Filipović            | 226         |
| sr-hyphen-spec     | Hyphenation of special cases in Serbian                                       | Filipović            | 226         |
| sr-vorl            | Class for Springer books                                                      | Dabelow              | 198         |
| srbtiks            | Font STIX2 for Serbian and Macedonian                                         | Stefanović           | 493         |
| srcltx             | Jump between DVI and TeX files                                                | Ulrich               | 531         |
| srcredact          | A tool for redacting sources                                                  | Veytsman             | 551         |
| srdp-mathematik    | Typeset Austrian SRDP in mathematics                                          | Weberndorfer         | 566         |
| srhyphc            | Hyphenation patterns for Serbian Cyrillic                                     | Jelenak              | 288         |
| srune              | Saxon rune font                                                               | Lüddecke             | 349         |
| sseq               | Typesetting spectral sequence charts                                          | Bauer                | 151         |
| ssbdbk10           | Sans headers in book style                                                    | Unknown              | 540         |
| sshrc-insight      | A LaTeX class for SSHRC Insight Grant proposals                               | Miller               | 370         |
| sslides            | Slides with headers and footers                                               | Salimi               | 458         |
| ssquote            | Use the cmssq fonts                                                           | Vieth, Goossens      | 552         |
| stables            | Simplified Plain TeX tables                                                   | Nilsson              | 390         |
| stabular           | Multipage tabular                                                             | Tolušis              | 526         |
| stack              | Tools to define and use stacks                                                | Bayart               | 152         |
| stackengine        | Highly customised stacking of objects, insets, baseline changes, etc.         | Segletes             | 474         |
| stackrel           | Enhancement to the \stackrel command                                          | Oberdiek             | 398         |
| stage              | A LaTeX class for stage plays                                                 | Thomas, Jahrling     | 523         |
| stampinclude       | Inclusion based on .aux file date stamps                                      | Oberdiek             | 398         |
| standalone         | Compile TeX pictures stand-alone or as part of a document                     | Scharrer             | 462         |
| standardsectioning | Define sectioning commands identical to the standard classes                  | Kohm                 | 316         |
| stanli             | TikZ Library for Structural Analysis                                          | Hackl                | 258         |
| starfont           | The StarFont Sans astrological font                                           | Skala                | 485         |
| starray            | A structured array (of properties) based on expl3                             | Frigeri              | 236         |
| startex            | An XML-inspired format for student use                                        | Langmyhr             | 329         |
| statex             | Statistics style                                                              | Sparapani            | 489         |
| statex2            | Statistics style                                                              | Sparapani            | 489         |
| statistics         | Compute and typeset statistics tables and graphics                            | Rivaud               | 442         |
| statistik          | Store statistics of a document                                                | Niedermair           | 388         |
| statmath           | A LaTeX package for simple use of statistical notation                        | Ankargren            | 141         |
| statrep            | Displays SAS code and results of running the code                             | Arnold               | 142         |
| staves             | Typeset Icelandic staves and runic letters                                    | Syropoulos           | 504         |
| stdclsdv           | Provide sectioning information for package writers                            | Robertson, Wilson    | 446         |

| <i>Package</i>   | <i>Caption</i>                                                                         | <i>Author</i>                                               | <i>Page</i> |
|------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|
| stdpage          | Standard pages with n lines of at most m characters each                               | Verweyen                                                    | 548         |
| stealcaps        | “Steal” small capitals                                                                 | Giannotti                                                   | 242         |
| steinmetz        | Print Steinmetz notation                                                               | Gregorio                                                    | 254         |
| stellenbosch-2   | Stellenbosch University thesis bundle                                                  | Els                                                         | 217         |
| stellenbosch     | Stellenbosch thesis bundle (legacy version)                                            | Els                                                         | 217         |
| step             | A free Times-like font                                                                 | Miller                                                      | 370         |
| stepgreek        | A free Times/Elsevier-style Greek font                                                 | Miller                                                      | 370         |
| sTeX             | An infrastructure for semantic preloading of L <sup>A</sup> T <sub>E</sub> X documents | Kohlhase, Müller                                            | 313         |
| stfloats         | Commands to control the presentation of floats                                         | Tolušis                                                     | 526         |
| SticksToo        | A reworking of STIX2                                                                   | Sharpe                                                      | 479         |
| stix             | OpenType Unicode maths fonts                                                           | The STI Pub Companies,<br>Doyle, Hosny, Robertson,<br>Jones | 522         |
| stix2-otf        | OpenType Unicode text and maths fonts                                                  | The STI Pub Companies,<br>Jones                             | 522         |
| stix2-type1      | Type1 versions of the STIX Two OpenType fonts                                          | The STI Pub Companies,<br>Jones                             | 522         |
| stmaryrd         | St Mary Road symbols for theoretical computer science                                  | Jeffrey, Gibbons, Hoekwater                                 | 288         |
| stocksize        | A flexible and easy interface to paper (stock) dimensions                              | Lourenço                                                    | 346         |
| stoneipa         | Support for the Stone Sans Phonetic font                                               | Velleman                                                    | 547         |
| storebox         | Storing information for reuse                                                          | Scharrer                                                    | 462         |
| storecmd         | Store the name of a defined command in a container                                     | Musa                                                        | 381         |
| strands          | Draw objects constructed from strands                                                  | Arcis                                                       | 142         |
| streetex         | Structural organic chemistry                                                           | Strokov                                                     | 500         |
| stretchy         | Macros for creating stretchy T <sub>E</sub> X symbols                                  | Unknown                                                     | 540         |
| stricttex        | Strictly balanced brackets and numbers in command names                                | Ørsted                                                      | 403         |
| string-diagrams  | Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ                   | Brasolin                                                    | 169         |
| stringenc        | Converting a string between different encodings                                        | Oberdiek                                                    | 398         |
| stringstrings    | String manipulation for cosmetic and programming application                           | Segletes                                                    | 474         |
| structmech       | A TikZ command set for structural mechanics drawings                                   | Chang                                                       | 185         |
| structuredlog    | Report files opened and closed in the log, including nesting level                     | L <sup>A</sup> T <sub>E</sub> X Team                        | 428         |
| struktex         | Draw Nassi-Shneiderman charts                                                          | Hoffmann                                                    | 274         |
| sttools          | Various macros                                                                         | Tolušis, Statulevičius                                      | 526         |
| stubs            | Create tear-off stubs at the bottom of a page                                          | Stuhrmann                                                   | 500         |
| Student Handouts | Management and styling of student handout projects                                     | Fennell                                                     | 224         |
| studies-lm       | An interactive L <sup>A</sup> T <sub>E</sub> X course for students                     | Römer                                                       | 450         |
| sty2dtx          | Create a .dtx file from a .sty file                                                    | Scharrer                                                    | 462         |
| style-showcase   | Make a web page to compare styles                                                      | Hefferon                                                    | 266         |
| styledcmd        | Handling multiple versions of user-defined macros                                      | De Donato                                                   | 207         |
| suanpan-13       | Traditional Chinese 7-bids suanpan (abacus) package based on l3draw                    | Geng                                                        | 240         |
| suanpan          | MetaPost macros for drawing Chinese and Japanese abaci                                 | Roegel                                                      | 448         |
| subcaption       | Support for sub-captions                                                               | Sommerfeldt                                                 | 488         |
| subdepth         | Unify maths subscript height                                                           | Robertson                                                   | 444         |
| subdocs          | Multifile documents                                                                    | Bezoz López                                                 | 342         |
| subeqn           | Package for subequation numbering                                                      | Arseneau, Braams                                            | 145         |
| subeqnarray      | Equation array with sub numbering                                                      | Braams                                                      | 169         |
| subfig           | Figures broken into subfigures                                                         | Cochran, Khalighi, bidi-tex<br>GitHub Organisation          | 193         |
| subfigmat        | Automates layout when using the subfigure package                                      | Kleb                                                        | 304         |
| subfigure        | Deprecated: Figures divided into subfigures                                            | Cochran                                                     | 193         |
| subfiles         | Individual typesetting of subfiles of a “main” document                                | Salzer, Garcia-De Castro                                    | 459         |
| subfloat         | Sub-numbering for figures and tables                                                   | Harders                                                     | 264         |
| sublabel         | Sub-number counters                                                                    | Daly                                                        | 200         |
| subscript        | Provides the \textsubscript command                                                    | Fairbairns, Carlisle                                        | 221         |
| substances       | A database of chemicals                                                                | Niederberger                                                | 387         |



| <i>Package</i>     | <i>Caption</i>                                                         | <i>Author</i>                     | <i>Page</i> |
|--------------------|------------------------------------------------------------------------|-----------------------------------|-------------|
| substitutefont     | Obsolete package to combine font families for different font encodings | Milde                             | 369         |
| substr             | Deal with substrings in strings                                        | Harders                           | 264         |
| subsupscripts      | A range of sub- and superscript commands                               | Bresciani                         | 171         |
| subtext            | Easy text-style subscripts in math mode                                | Jørgensen                         | 291         |
| sudoku             | Create sudoku grids                                                    | Abraham                           | 136         |
| sudokubundle       | A set of sudoku-related packages                                       | Wilson                            | 574         |
| sueterlin          | Calligraphic font for typesetting handwriting in Sütterlin style       | Ludewig                           | 349         |
| suffix             | Define commands with suffixes                                          | Kastrup                           | 295         |
| suftesi            | A document class for typesetting theses, books and articles            | Valbusa                           | 545         |
| sugconf            | SAS(R) user group conference proceedings document class                | Fehd                              | 223         |
| sunpath            | Draw sun path charts                                                   | Büi                               | 175         |
| superiors          | Attach superior figures to a font family                               | Sharpe                            | 479         |
| supertabular       | A multi-page tables package                                            | Braams                            | 169         |
| suppose            | Abbreviate the word “Suppose”                                          | Lounsbury                         | 345         |
| susy               | Macros for SuperSymmetry-related work                                  | Turlay                            | 530         |
| suthesis           | Typeset a Stanford University thesis                                   | Pallas                            | 407         |
| sverb              | A set of verbatim text manipulations                                   | Wooding                           | 576         |
| svg-inkscape       | How to include an SVG image in $\LaTeX$ using Inkscape                 | Engelen                           | 217         |
| svg                | Include and extract SVG pictures in $\LaTeX$ documents                 | Hanisch, Ilten                    | 261         |
| svgcolor           | Define SVG named colours                                               | Caprio                            | 179         |
| svn-multi          | Subversion keywords in multi-file $\LaTeX$ documents                   | Scharrer                          | 463         |
| svn-prov           | Subversion variants of \Provides... macros                             | Scharrer                          | 463         |
| svn                | Typeset Subversion keywords                                            | Lewis                             | 336         |
| svninfo            | Typeset Subversion keywords                                            | Brucker                           | 173         |
| svrsymbols         | A font with symbols for use in physics texts                           | Syropoulos                        | 504         |
| swebib             | Swedish bibliography styles                                            | Engebretsen                       | 217         |
| swetex             | Plain $\TeX$ support for writing Swedish                               | Engdahl                           | 217         |
| swfigure           | Insert large images that do not fit into a single page                 | Beccari                           | 154         |
| swiftex            | Edit doc.sty and normal $\LaTeX$ files with GNU Emacs                  | Swift                             | 503         |
| Swimgraf           | Graphical/textual representations of swimming performances             | Osborne                           | 403         |
| switch             | A constant time/expandable switch/case                                 | Frigeri                           | 236         |
| switcheml          | Obfuscate email addresses (now obsolete)                               | Duan                              | 210         |
| swrule             | Lines thicker in the middle than at the ends                           | Dussa                             | 212         |
| swungdash          | Typeset a swung dash in $\LaTeX$                                       | Granet                            | 250         |
| syllogism          | Typeset syllogisms in $\LaTeX$                                         | Vaughan                           | 546         |
| symbats3           | Macros to use the Symbats3 dingbats fonts                              | Flynn                             | 230         |
| symbolindex        | Generate a list of symbols with different subgroups                    | Holzmann                          | 277         |
| SympyCalc          | Work with SymPy and PyLuaTeX                                           | Pierquet                          | 417         |
| sympytex           | Include symbolic computation (using sympy) in documents                | Molteno                           | 373         |
| Synapsen           | Reference management tool for BibTeX                                   | Krajewski                         | 319         |
| synctex-parser     | SyncTeX output file parser                                             | Laurens                           | 330         |
| syngen             | A tool for generating syntax diagrams from BNF                         | Klöcker                           | 307         |
| synproof           | Easy drawing of syntactic proofs                                       | Isambert, Robbers                 | 284         |
| syntax-mdw         | Typeset syntax descriptions                                            | Wooding                           | 576         |
| syntax2            | Creation of syntax diagrams                                            | Worsch                            | 577         |
| syntaxdi           | Create “railroad” syntax diagrams                                      | Pieper, Kuhaupt, Hilbig           | 415         |
| synthslant         | Synthetically slant text                                               | Spiel                             | 489         |
| syntonly           | Run a document through $\LaTeX$ for syntax checking                    | Mittelbach, Schöpf, $\LaTeX$ Team | 373         |
| syntrace           | Labels for tracing in a syntax tree                                    | Mathieu                           | 360         |
| synttree           | Typeset syntactic trees                                                | van Zuijlen                       | 592         |
| syriac             | A font for Syriac written in Estrangelo                                | Stanier                           | 492         |
| systcontrolletters | Support for Systems and Control Letters                                | Balemi, Truöl                     | 148         |
| systeme            | Format systems of equations                                            | Tellechea                         | 514         |

| <i>Package</i>    | <i>Caption</i>                                                                   | <i>Author</i>                                     | <i>Page</i> |
|-------------------|----------------------------------------------------------------------------------|---------------------------------------------------|-------------|
| sysuthesis        | LaTeX thesis template for Sun Yat-sen University                                 | Tan                                               | 512         |
| <b>TTTTT</b>      |                                                                                  |                                                   |             |
| t-angles          | Draw tangles, trees, Hopf algebra operations and other pictures                  | Lyubashenko, Bespalov                             | 353         |
| t1-fraktur        | A pair of fraktur font families in T1 encoding                                   | Kurz, Taupin                                      | 324         |
| t1enc             | Standard package for activating ec fonts                                         | L <sup>A</sup> T <sub>E</sub> X Team              | 428         |
| t1infos           | Utilities for PostScript fonts                                                   | Baruchel                                          | 151         |
| T1Subset          | A C++ library for subsetting PostScript Type 1 fonts                             | Frane Jr                                          | 292         |
| t1tools           | Facilities for handling Adobe Type 1 fonts                                       | Wolff                                             | 575         |
| t1utils           | Simple Type 1 font manipulation programs                                         | Hetherington, Kohler                              | 272         |
| t2                | Support for using T2 encoding                                                    | Volovich, Lemberg                                 | 555         |
| tab4tex           | Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments            | Milanese                                          | 368         |
| tabbing           | Tabbing with accented letters                                                    | Drucbert                                          | 209         |
| tabbingbox        | Save a tabbing environment in a box                                              | Unknown                                           | 540         |
| tabfigures        | Maintain vertical alignment of figures                                           | Ummels                                            | 531         |
| table-fct         | Draw a variations table of functions and a convexity table of its graph          | Lakhdar                                           | 327         |
| tableauVariations | Variation tables in MetaPost                                                     | Mazoit                                            | 362         |
| tableaux          | Construct tables of signs and variations                                         | Kisselhoff                                        | 303         |
| tablefootnote     | Permit footnotes in tables                                                       | Münch                                             | 378         |
| tableof           | Tagging tables of contents                                                       | Burnol                                            | 176         |
| tablerIcons       | Use tablerIcons through L <sup>A</sup> T <sub>E</sub> X commands                 | Pierquet                                          | 417         |
| tables            | Tables without the need for a preamble                                           | Cowan, Taylor                                     | 197         |
| tablestyles       | Styles for tables with new commands                                              | Pospiech                                          | 423         |
| tablists          | Tabulated lists of short items                                                   | Lapko                                             | 329         |
| tablor            | Create tables of signs and of variations                                         | Connan                                            | 195         |
| tabls             | Better vertical spacing in tables and arrays                                     | Arseneau                                          | 144         |
| tablvar           | Typesetting pretty tables of signs and variations according to French usage      | Missier                                           | 371         |
| tabriz-thesis     | A template for the University of Tabriz                                          | Damanafshan                                       | 200         |
| tabsatz           | How to use tables in L <sup>A</sup> T <sub>E</sub> X                             | Reichert                                          | 439         |
| tabstackengine    | “Tabbing” front-end to stackengine                                               | Segletes                                          | 474         |
| tabto-generic     | “Tab” to a measured position in the line                                         | Arseneau                                          | 144         |
| tabto-ltx         | “Tab” to a measured position in the line                                         | Arseneau                                          | 144         |
| tabu              | Flexible L <sup>A</sup> T <sub>E</sub> X tabulars                                | Chervet                                           | 189         |
| tabular2          | Table typesetting with expl3 syntax                                              | Unknown                                           | 540         |
| tabularborder     | Remove excess space at left and right of tabular                                 | Fink                                              | 226         |
| tabularcalc       | Calculate formulas in a tabular environment                                      | Tellechea                                         | 514         |
| tabularew         | A variation on the tabular environment                                           | Saba                                              | 458         |
| tabularht         | Tabular environments with height specified                                       | Oberdiek                                          | 398         |
| tabularkv         | Tabular environments with key-value interface                                    | Oberdiek                                          | 398         |
| tabulararray-abnt | An ABNT (Brazilian standard) theme for tabulararray                              | Massago                                           | 359         |
| tabulararray      | Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3                | Lyu                                               | 353         |
| tabulars-e        | Examples from the book “Typesetting tables with L <sup>A</sup> T <sub>E</sub> X” | Voß                                               | 560         |
| tabularx          | Tabulars with adjustable-width columns                                           | Carlisle, L <sup>A</sup> T <sub>E</sub> X Team    | 183         |
| tabulary          | Tabular with variable width columns balanced                                     | Carlisle                                          | 181         |
| tabvar            | Typesetting tables showing variations of functions                               | Flipo                                             | 229         |
| tabverb           | Verbatim text respecting TAB characters                                          | Fine                                              | 226         |
| tagging           | Document configuration with tags                                                 | Longborough, L <sup>A</sup> T <sub>E</sub> X Team | 340         |
| tagpair           | Word-by-word glosses, translations, and bibliographic attributions               | Nolda                                             | 390         |
| tagpdf            | Code for PDF tagging using pdfLaTeX and LuaLaTeX                                 | L <sup>A</sup> T <sub>E</sub> X Team, Fischer     | 429         |
| talk              | A L <sup>A</sup> T <sub>E</sub> X class for presentations                        | Wiebusch                                          | 570         |
| talos             | A Greek cult font from the eighties                                              | Tsolomitis                                        | 529         |
| tamefloats        | Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats   | Lück                                              | 348         |
| TameTheBeast      | A manual about bibliographies and especially BibTeX                              | Markey                                            | 358         |
| tamil-omega       | Tamil support for Omega/Aleph                                                    | Alex                                              | 139         |
| tangle            | Generate compilable source from web                                              | Knuth                                             | 311         |

| <i>Package</i>     | <i>Caption</i>                                                                         | <i>Author</i>                       | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------|-------------------------------------|-------------|
| tango-weevil       | A simple Web system                                                                    | Minyard                             | 370         |
| tango              | A $\LaTeX$ document class for math teachers                                            | Bovani                              | 168         |
| tangocolors        | Use colors from the Tango color palette                                                | Preuße                              | 424         |
| TangramTikZ        | Tangram puzzles, with TikZ                                                             | Pierquet                            | 417         |
| tap                | TeX macros for typesetting complex tables                                              | Jackowski, Pianowski,<br>Strzelczyk | 285         |
| tape               | Generate cassette labels from a simple database                                        | Podar                               | 422         |
| tapir              | A simple geometrical font                                                              | Mitek                               | 371         |
| tasks              | Horizontally columned lists                                                            | Niederberger                        | 387         |
| taylor             | Macros for category-theoretic diagrams                                                 | Taylor                              | 513         |
| tbe                | Extracts from “TeX by Example”                                                         | Borde                               | 166         |
| tblr-extras        | Extra libraries for tabularray for caption and babel compatibility                     | Merino                              | 366         |
| tccomp             | Provide compatibility names for textcomp.sty                                           | Knappen                             | 309         |
| tclldoc            | Doc/docstrip for tcl                                                                   | Hellström                           | 268         |
| tcltexed           | LaTeX editor written in TCL                                                            | Strauß                              | 500         |
| tcobrowser         | Local browsing of the Catalogue on Mac OS X                                            | Maxwell                             | 362         |
| tcobox             | Coloured boxes, for $\LaTeX$ examples and theorems, etc.                               | Sturm                               | 501         |
| tcvn               | Vietnamese Windows support                                                             | Quy                                 | 431         |
| tdclock            | A ticking digital clock package for PDF output                                         | Randez                              | 435         |
| tds                | The $\TeX$ Directory Structure standard                                                | TUG TWG-TDS                         | 530         |
| tdsfrmath          | Macros for French teachers of mathematics                                              | Henel                               | 270         |
| techexplorer       | Browser plugin for viewing $\TeX$ and $\LaTeX$ sources                                 | IBM Corporation                     | 282         |
| Technica           | Typesetting for the humanities                                                         | Boggio-Togna                        | 164         |
| technics           | A package to format technical documents                                                | Nilsson                             | 389         |
| technion-thesis... | Template for theses on the Technion graduate school                                    | Shuval                              | 481         |
| techreport         | Generate Technical Reports using USC thesis style                                      | Cochran                             | 193         |
| ted                | A (primitive) token list editor                                                        | Pégourié-Gonnard                    | 412         |
| TeEncontreX        | Help for users of $\TeX$ and $\LaTeX$                                                  | Algaba                              | 139         |
| telprint           | Format German phone numbers                                                            | Oberdiek                            | 398         |
| telugu             | (La)TeX Support for writing the Telugu Language                                        | Mukkavilli                          | 377         |
| templates-fenn     | Templates for $\TeX$ usage                                                             | Fenn                                | 223         |
| templates-sommer   | Templates for $\TeX$ usage                                                             | Sommer                              | 487         |
| templatetools      | Commands useful in $\LaTeX$ templates                                                  | Pospiech                            | 423         |
| tempora            | Greek and Cyrillic to accompany Times                                                  | Sharpe                              | 479         |
| temporal-logic     | Symbols for Temporal Logics                                                            | Schmid                              | 464         |
| tengtex            | Typesetting in Tolkien’s Tengwar script                                                | Derzhanski                          | 204         |
| tengwar            | Font to set Tolkien’s Tengwar script                                                   | Urban                               | 543         |
| TengwarScript      | LaTeX support for using Tengwar fonts                                                  | Fernández Galván                    | 238         |
| tensind            | Typeset tensors                                                                        | Bezos López                         | 342         |
| tensor             | Typeset tensors                                                                        | Piff, Ratcliffe                     | 419         |
| tensormatrix       | Matrix representations of tensors                                                      | Halvorsen                           | 260         |
| termcal-de         | German localization for termcal                                                        | Friedl                              | 234         |
| termcal            | Print a class calendar                                                                 | Mitchell                            | 371         |
| termes-otf         | Using the OpenType fonts $\TeX$ Gyre Termes                                            | Voß                                 | 560         |
| terminalcode       | Terminal-style code display with ANSI colors, UTF-8 box-drawing, and dark/light themes | Zeng                                | 588         |
| termlist           | Label any kind of term with a continuous counter                                       | Rellermeyer                         | 440         |
| termmenu           | The package provides support for terminal-based menus using expl3                      | Allred                              | 140         |
| termsim            | Simulate Win10, Ubuntu, and Mac terminals                                              | Geng                                | 240         |
| tesla              | A special-purpose language for knowledge base rules                                    | Baragar, Harris                     | 149         |
| testeq             | An equality test for use in MetaPost                                                   | Vieth                               | 552         |
| testflow           | A tool to validate PS/PDF output from $\LaTeX$                                         | Shell                               | 480         |
| testfont           | A testbed for font evaluation                                                          | Knuth                               | 311         |
| testthyphens       | Testing hyphenation patterns                                                           | Beccari                             | 154         |
| testidx            | Dummy text for testing index styles and indexing applications                          | Talbot                              | 510         |

| <i>Package</i>     | <i>Caption</i>                                                                          | <i>Author</i>                                | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|-------------|
| testmath           | Examples of the AMS-LaTeX package                                                       | The AMS                                      | 521         |
| tetex              | Obsolete T <sub>E</sub> X distribution for Unix/Linux                                   | Esser                                        | 219         |
| tetragonos         | Four-Corner codes of Chinese characters                                                 | Yang                                         | 582         |
| teubner            | Philological typesetting of classical Greek                                             | Beccari                                      | 154         |
| tex--xet           | Bidirectional extension of T <sub>E</sub> X                                             | Breitenlohner, Knuth,<br>MacKay              | 170         |
| TeX Converter      | Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters         | Mayer                                        | 362         |
| tex-ewd            | Macros to typeset calculational proofs and programs in Dijkstra's style                 | Helbig                                       | 268         |
| tex-extensions     | Proposals for extensions to T <sub>E</sub> X                                            | Clasen                                       | 192         |
| tex-font-errors... | Cheat sheet outlining the most common T <sub>E</sub> X font errors                      | Schlömer                                     | 464         |
| TeX-FPC            | A collection of change files for a T <sub>E</sub> X system based on Free Pascal         | Helbig                                       | 268         |
| TeX-GPC            | A collection of change files for a T <sub>E</sub> X system based on GNU Pascal          | Helbig                                       | 268         |
| tex-gyre-adventor  | A font family that extends URW Gothic L                                                 | Jackowski, Nowacki                           | 284         |
| tex-gyre-bonum     | A font family that extends URW Bookman L                                                | Jackowski, Nowacki                           | 284         |
| tex-gyre-chorus    | A font that extends URW Chancery L                                                      | Jackowski, Nowacki                           | 284         |
| tex-gyre-cursor    | A font that extends URW Nimbus Mono L                                                   | Jackowski, Nowacki                           | 285         |
| tex-gyre-heros     | A font family that extends URW Nimbus Sans L                                            | Jackowski, Nowacki                           | 285         |
| tex-gyre-math-b... | Maths fonts to match T <sub>E</sub> X Gyre Bonum                                        | Jackowski, Strzelczyk, Pi-<br>anowski        | 286         |
| tex-gyre-math-d... | Maths fonts to match T <sub>E</sub> X Gyre DejaVu                                       | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tex-gyre-math-p... | Maths fonts to match the tex-gyre-pagella text font                                     | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tex-gyre-math-s... | Maths fonts to match T <sub>E</sub> X Gyre Schola                                       | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tex-gyre-math-t... | Maths fonts to match T <sub>E</sub> X Gyre Termes                                       | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tex-gyre-math      | Maths fonts to match tex-gyre text fonts                                                | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tex-gyre-pagella   | A font family that extends URW Palladio L                                               | Jackowski, Nowacki                           | 285         |
| tex-gyre-schola    | A font that extends URW Century Schoolbook L                                            | Jackowski, Nowacki                           | 285         |
| tex-gyre-termes    | A font family that extends URW Nimbus Roman                                             | Jackowski, Nowacki                           | 285         |
| tex-gyre           | TeX Fonts extending freely available URW fonts                                          | Jackowski, Nowacki                           | 284         |
| tex-implementors   | Entries from the tex-implementors mailing list                                          | Beeton, Berry                                | 156         |
| tex-in-practic     | Macro examples from "TeX in Practice"                                                   | von Bechtolsheim                             | 154         |
| tex-ini-files      | Model T <sub>E</sub> X format creation files                                            | Wright, L <sup>A</sup> T <sub>E</sub> X Team | 578         |
| tex-it             | Controller for T <sub>E</sub> X processing                                              | Walsh                                        | 564         |
| tex-kurs           | A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German                               | Rupprecht                                    | 457         |
| tex-label          | Place a classification on each page of a document                                       | Komarath                                     | 317         |
| tex-locale         | Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents | Talbot                                       | 510         |
| TeX-mag            | An on-line T <sub>E</sub> X magazine                                                    | Hosek                                        | 278         |
| tex-math           | Maths mode documentation for OS/2 users                                                 | Hahn                                         | 258         |
| TeX-nutshell       | A short document about T <sub>E</sub> X principles                                      | Olšák                                        | 401         |
| tex-overview       | An overview of the development of T <sub>E</sub> X                                      | Trautmann                                    | 527         |
| tex-ps             | TeX to PostScript generic macros and add-ons                                            | BOP, Nowacki                                 | 165         |
| tex-references     | References for T <sub>E</sub> X and Friends                                             | Wiedmann                                     | 570         |
| tex-virtual-aca... | TeX usage web pages, in Polish                                                          | Wawrykiewicz, Przech-<br>lewski              | 566         |
| tex-vpat           | TeX Accessibility Conformance Report                                                    | Veytsman                                     | 551         |
| TeX                | A sophisticated typesetting engine                                                      | Knuth                                        | 311         |
| tex2bib            | Extract a BibTeX database from a document source                                        | Friendly                                     | 235         |
| tex2ltx            | AMS-TeX to AMS-LaTeX converter                                                          | Fortuny                                      | 232         |
| tex2mail           | Converts T <sub>E</sub> X to mailable "ASCII art"                                       | Zakharevich                                  | 586         |
| tex2page           | Produce HTML from T <sub>E</sub> X/LaTeX                                                | Sitaram                                      | 484         |

| <i>Package</i>     | <i>Caption</i>                                                          | <i>Author</i>                                                                | <i>Page</i> |
|--------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------|
| tex2rtf            | TeX translator, output formats include RTF                              | Smart                                                                        | 485         |
| tex2tok            | Convert a TeX source file into tokens                                   | Fine                                                                         | 226         |
| tex2word           | Convert TeX/LaTeX to MSWord                                             | Chikrii                                                                      | 190         |
| tex4ebook          | Converter from L <sup>A</sup> TeX to ebook formats                      | Hoftich                                                                      | 276         |
| TeX4ht             | Convert (La)TeX to HTML/XML                                             | The TeX4ht Team, Gurari                                                      | 522         |
| texaccents         | Convert composite accented characters to Unicode                        | Milanese                                                                     | 368         |
| texapi             | Macros to write format-independent packages                             | Isambert, Robbers                                                            | 284         |
| texas              | 32-bit TeX 3.14 compiled for MS-DOS 386/486 computers                   | Chan                                                                         | 185         |
| TeXBlend           | Compile segments of L <sup>A</sup> TeX documents                        | Hoftich                                                                      | 276         |
| texbook            | The source of The TeXbook                                               | Knuth                                                                        | 311         |
| texbuch            | “The little TeXBook”                                                    | Cremer                                                                       | 197         |
| TeXbyTopic         | Freed version of the book TeX by Topic                                  | Eijkhout                                                                     | 215         |
| texcad32           | Win32 drawing package for mathematical diagrams                         | Unknown                                                                      | 540         |
| texchord           | Typeset guitar-chord diagrams                                           | Hoffman                                                                      | 274         |
| TeXcount           | Count words in a L <sup>A</sup> TeX document                            | Rødland                                                                      | 448         |
| texdate            | Date printing, formatting, and manipulation in TeX                      | Goodman                                                                      | 247         |
| texdef             | Display the definitions of TeX commands                                 | Scharrer                                                                     | 463         |
| texdepend          | Find dependencies in a L <sup>A</sup> TeX file                          | Friendly                                                                     | 235         |
| texdeps            | Find the dependencies of a (La)TeX file                                 | Cozens                                                                       | 197         |
| texdiff            | Compare documents and produce tagged merge                              | Doll, Günay                                                                  | 206         |
| texdimens          | Conversion of TeX dimensions to decimals                                | Burnol                                                                       | 176         |
| texdirflatten      | Collect files related to a L <sup>A</sup> TeX job in a single directory | Günay                                                                        | 256         |
| texdoc             | Documentation access for TeX Live                                       | Asakura, Esser, Pégourié-Gonnard, TeXLive                                    | 146         |
| texdoctk           | Easy access to package documentation                                    | Ruedas, Harcombe                                                             | 457         |
| texdraw            | Graphical macros, using embedded PostScript                             | Kabal                                                                        | 292         |
| texed              | A TeX shell for OS/2                                                    | Stippich                                                                     | 495         |
| texemplar          | A class for the journal of CervanTeX                                    | Bezós López                                                                  | 342         |
| texfaq             | A compilation of Frequently Asked Questions with answers                | Fairbairns                                                                   | 220         |
| texfilt            | A (La)TeX log filter                                                    | Baker                                                                        | 147         |
| TeXFindPkg         | Query or install TeX packages and their dependencies                    | Lyu                                                                          | 353         |
| texfot             | Filter clutter from the output of a TeX run                             | Berry                                                                        | 160         |
| texgit             | Download, access, and potentially execute files from git                | Weise                                                                        | 568         |
| TeXhax             | Digests of a general TeX mailing list                                   | Unknown                                                                      | 540         |
| texi2dvi-latest    | Process Texinfo or (La)TeX source to DVI                                | Friedman                                                                     | 234         |
| texi2html          | Converts TeXinfo to HTML                                                | Price, Dumas, Berry, Cons                                                    | 424         |
| texi2roff          | Translate texinfo to troff                                              | Erlebacher                                                                   | 218         |
| texi2www           | Converts texinfo to display on the Web                                  | Singletary                                                                   | 484         |
| texilikechaps      | Format chapters with a texi-like format                                 | Rivera                                                                       | 443         |
| texi-like cover    | A cover-page package, like TeXinfo                                      | Simões                                                                       | 483         |
| texindex           | Simple indexing using standard Unix commands                            | Unknown                                                                      | 540         |
| texinfo-hu         | Texinfo package for Hungarian language                                  | Vozárik                                                                      | 562         |
| texinfo-latest     | Current version of texinfo.tex, texi2dvi, texi2pdf                      | Free Software Foundation                                                     | 234         |
| texinfo            | Texinfo documentation system                                            | Free Software Foundation                                                     | 234         |
| TeXLab             | LaTeX Language Server                                                   | Förster, Förster                                                             | 232         |
| TeXline            | A TeX-based magazine                                                    | Clark                                                                        | 192         |
| texlipse           | LaTeX plugin for Eclipse                                                | von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen | 339         |
| texlist            | Typeset program listings                                                | Forkosh                                                                      | 231         |
| texlive-dummy-e... | Dummy TeX Live RPM for use with RHEL 6 and derived distributions        | Tennent                                                                      | 518         |
| texlive-dummy-e... | Dummy TeX Live RPM for use with RHEL 7 and derived distributions        | Tennent                                                                      | 518         |
| texlive-dummy-e... | Dummy TeX Live RPM for use with RHEL 8 and derived distributions        | Tennent                                                                      | 518         |
| texlive-dummy-e... | Dummy TeX Live RPM for use with RHEL 6 and derived distributions        | Tennent                                                                      | 518         |
| texlive-dummy-f... | Dummy TeX Live RPM for use with Fedora and similar distributions        | Seliger                                                                      | 475         |



| <i>Package</i>     | <i>Caption</i>                                                                                     | <i>Author</i>              | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------------------|----------------------------|-------------|
| texlive-dummy-o... | Dummy T <sub>E</sub> X Live RPM for use with Open SUSE                                             | Niepraschk                 | 389         |
| texlive-repo       | A mirror of the T <sub>E</sub> X Live repository                                                   | T <sub>E</sub> XLive       | 522         |
| TeX Live source... | Sources of the T <sub>E</sub> X Live distribution                                                  | T <sub>E</sub> XLive       | 522         |
| texlive            | A comprehensive distribution of T <sub>E</sub> X and friends                                       | T <sub>E</sub> XLive       | 522         |
| texliveonfly       | On-the-fly download of missing T <sub>E</sub> X Live packages                                      | Naranong                   | 383         |
| texlog-extract     | Extract errors and warnings from T <sub>E</sub> X logs                                             | Dekker                     | 203         |
| texloganalyser     | Analyse T <sub>E</sub> X logs                                                                      | van Oudenhove              | 403         |
| texlogfilter       | Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file                                  | Labbé                      | 326         |
| texlogos           | Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos                                                 | Ruzyczka                   | 458         |
| texlogsieve        | Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files                                     | Lago                       | 327         |
| TeXmacs            | Structured text editor for T <sub>E</sub> X                                                        | van der Hoeven             | 274         |
| texmalli           | A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X                              | Kaijanaho                  | 293         |
| TeXmate            | Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X                                  | Garcia-De Castro           | 184         |
| texments           | Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X                                  | Kubica                     | 322         |
| TeXmuse            | Music typesetting system using T <sub>E</sub> X and Metafont                                       | Garcia-De Castro           | 184         |
| texnegar           | Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX               | Movahhedian                | 376         |
| TeXnicCenter       | An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows                                            | Wiegand                    | 570         |
| texonly            | A sample document in Plain T <sub>E</sub> X                                                        | Borck-Elsner               | 166         |
| texosquery         | Cross-platform Java application to query OS information                                            | Talbot                     | 511         |
| texpack            | Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment | Lulli                      | 350         |
| texperf            | A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator                                        | Forkosh                    | 232         |
| texpict            | Create drawings for L <sup>A</sup> T <sub>E</sub> X                                                | Ribo                       | 441         |
| texpictex          | Use tpic special commands in PiCTeX                                                                | Grunwald                   | 255         |
| texplate           | A tool for creating document structures based on templates                                         | Cereda                     | 185         |
| texpower           | Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X                           | Lehmke, Nordhaug           | 333         |
| TeXProject         | A package for project management                                                                   | Bressan, Gurari            | 171         |
| TeXProposal        | A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities         | Zhennan                    | 590         |
| texref             | Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file                                    | Friendly                   | 235         |
| TeXRocks           | A minimal (La)TeX distribution                                                                     | Wu                         | 578         |
| texshade           | Package for setting nucleotide and peptide alignments                                              | Beitz                      | 157         |
| TeXshell           | X-Window Shell for T <sub>E</sub> X                                                                | Mittelbach                 | 373         |
| texshell32         | A free T <sub>E</sub> XShell for MS-Windows 95 and NT                                              | Struve                     | 500         |
| texshop            | TeX front end for use on MacOS X                                                                   | Koch                       | 312         |
| TeXsis             | Plain T <sub>E</sub> X macros for Physicists                                                       | Myers, Paige               | 382         |
| texsketch          | A drawing package for OS/2                                                                         | Bahnes                     | 147         |
| texsort            | Sort/compress numerical lists                                                                      | Tolušis                    | 526         |
| texspell           | A L <sup>A</sup> T <sub>E</sub> X spelling checker                                                 | Eckl                       | 214         |
| texsurgery         | A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project                     | Angulo                     | 141         |
| TeX T1             | TeX format from Washington State University                                                        | Guenther                   | 256         |
| text2bib           | A PHP script to convert references to BibTeX                                                       | Osborne                    | 403         |
| textarea           | Control the text area dynamically                                                                  | Rozhenko                   | 456         |
| textcase           | Case conversion ignoring mathematics, etc.                                                         | Carlisle                   | 181         |
| textcomp           | LaTeX support for the Text Companion fonts                                                         | Rahtz                      | 433         |
| textcsc            | Simple commands for caps-to-small-caps text                                                        | Granet                     | 250         |
| textfit            | Fit text to a desired size                                                                         | Rahtz, Taylor              | 434         |
| textglos           | Typeset and index linguistic gloss abbreviations                                                   | Weber                      | 566         |
| textgreek          | Upright greek letters in text                                                                      | Michlmayr                  | 367         |
| textmerg           | Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X                                 | Piff, Fairbairns, Carlisle | 419         |
| textool            | A SunOS DVI viewer                                                                                 | Ilieve                     | 283         |
| texttoolspro       | Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X                                 | Algaba                     | 139         |
| textopo            | Annotated membrane protein topology plots                                                          | Beitz                      | 157         |
| textpath           | Setting text along a path with MetaPost                                                            | Hennig                     | 271         |
| textpos            | Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page                     | Gray                       | 252         |
| textualicomma      | Use the textual comma character as decimal separator in math mode                                  | Friedl                     | 234         |

| <i>Package</i>     | <i>Caption</i>                                                                          | <i>Author</i>             | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------|---------------------------|-------------|
| textures-metrics   | Adobe font metrics, converted for use with Textures                                     | Kahn                      | 293         |
| texvc              | Use MediaWiki $\LaTeX$ commands                                                         | Schubotz                  | 471         |
| texware            | Utility programs for use with $\TeX$                                                    | Knuth                     | 311         |
| tfmpk              | A viewer for tfm and pk font files                                                      | Medini                    | 365         |
| TFMPKtest          | Check and correct checksums of TFM and PK files                                         | Larchey, Roegel, Rossi    | 329         |
| tfroupee           | A font offering the new (Indian) Rupee symbol                                           | Jørgensen                 | 291         |
| tgothic            | Gothic Textura Quadrata manuscript book-hand font                                       | Wilson                    | 574         |
| tgrind             | Produce beautiful program listings using plain $\TeX$                                   | Jacobson                  | 286         |
| tgrind209          | Support tgrind in $\LaTeX$ 2.09                                                         | Unknown                   | 540         |
| thai-rmit          | A font for Thai script                                                                  | Kent                      | 297         |
| thai-usl           | A font for Thai script                                                                  | Kent                      | 297         |
| thaienum           | Thai labels in enumerate environments                                                   | Janthong                  | 287         |
| thaifonts-arundina | DejaVu-compatible Thai fonts                                                            | Karoonboonyanan           | 295         |
| ThaiLaTeX          | Typeset Thai texts with standard $\LaTeX$ classes                                       | Karoonboonyanan           | 295         |
| thaispec           | Thai Language Typesetting in $X_{\LaTeX}$                                               | Promkam                   | 430         |
| thalie             | Typeset drama plays                                                                     | Paternault                | 410         |
| theanodidot        | TheanoDidot fonts with $\LaTeX$ support                                                 | Tennent                   | 518         |
| theanomodern       | Theano Modern fonts with $\LaTeX$ support                                               | Tennent                   | 518         |
| theanooldstyle     | Theano OldStyle fonts with $\LaTeX$ support                                             | Tennent                   | 518         |
| theapa             | APA (American Psychology Association) Reference Citation for $\LaTeX$                   | Ryu                       | 458         |
| theatre            | A sophisticated package for typesetting stage plays                                     | Hinque                    | 273         |
| thematicpuzzle     | Horizontal banners in a puzzle style                                                    | Pierquet                  | 417         |
| theorem            | Manipulate theorem environments                                                         | Mittelbach, $\LaTeX$ Team | 372         |
| theoremref         | References with automatic theorem names                                                 | Jeřábek                   | 289         |
| thepdfnumber       | Print PDF numbers with minimal digits                                                   | Oberdiek                  | 398         |
| thermodynamics     | Macros for multicomponent thermodynamics documents                                      | Hammond                   | 260         |
| these              | Bibliography style for French theses                                                    | Herrb                     | 272         |
| thesis-ekf         | Thesis class for Eszterházy Károly Catholic University                                  | Tómacs                    | 527         |
| thesis-gwu         | Thesis class for George Washington University School of Engineering and Applied Science | Kulumani                  | 324         |
| thesis-qom         | Thesis style of the University of Qom, Iran                                             | Razavian                  | 437         |
| thesis-titlepag... | Little style to create a standard titlepage for diploma thesis                          | Lamers                    | 327         |
| thesis             | Typeset thesis                                                                          | Matiaske                  | 360         |
| thinsp             | A stretchable $\backslash$ thinspace for $\LaTeX$                                       | Jørgensen                 | 291         |
| thirteen           | Print dates of Friday 13th days                                                         | Unknown                   | 540         |
| thmbox             | Decorate theorem statements                                                             | Beffara                   | 156         |
| thmlist            | A $\LaTeX$ package for adding theorem environments quickly                              | Xia                       | 579         |
| thmtools           | Extensions to theorem environments                                                      | Schwarz, Chou             | 473         |
| thorshammer        | Assessment based on AcroTeX quizzes                                                     | Story                     | 499         |
| threadcol          | Organize document columns into PDF “article thread”                                     | Pakin                     | 406         |
| threecol           | Three-column newsletter output                                                          | Unknown                   | 540         |
| threecolumn        | LaTeX output in three columns                                                           | Greenwade                 | 253         |
| threeddice         | Create images of dice with one, two, or three faces showing, using MetaPost             | Luecking                  | 349         |
| 3DLDF              | Three-dimensional drawing with MetaPost output                                          | Finston                   | 227         |
| threeparttable     | Tables with captions and notes all the same width                                       | Arseneau                  | 144         |
| threeparttablex    | Notes in longtables                                                                     | Madsen                    | 354         |
| thrmappendix       | Theorems, lemmas, etc., in appendix                                                     | Klemens                   | 307         |
| thsmc              | Metrics and $\LaTeX$ support for Sans Mono Condensed Font                               | Veytsman                  | 551         |
| thuaslogos         | Logos for The Hague University of Applied Sciences (THUAS)                              | op den Brouw              | 172         |
| thubeamer          | A beamer theme for Tsinghua University                                                  | Yang                      | 582         |
| thucoursework      | Coursework template for Tsinghua University                                             | Zhao                      | 589         |
| thumb              | Thumb marks in documents                                                                | Holm Christensen          | 191         |
| thumpdf            | Thumbnails for pdfTeX and dvips/ps2pdf                                                  | Oberdiek                  | 398         |
| thumbs             | Create thumb indexes                                                                    | Münch                     | 378         |

| <i>Package</i>     | <i>Caption</i>                                                                                             | <i>Author</i>                                | <i>Page</i> |
|--------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|
| thumby             | Create thumb indexes for printed books                                                                     | Goldgaber                                    | 245         |
| thuthesis          | Thesis template for Tsinghua University                                                                    | Xue, Tsinghua University<br>TUNA Association | 581         |
| tib                | A bibliographic preprocessor                                                                               | Alexander, Kremer, Kolb                      | 139         |
| tibetan            | An early $\text{\LaTeX}$ Tibetan package                                                                   | Schwartz, Knight, Wujastyk                   | 473         |
| ticket             | Make labels, visiting-cards, pins with $\text{\LaTeX}$                                                     | Emmel                                        | 217         |
| ticollege          | Graphical representation of keys on a standard scientific calculator                                       | De Sousa                                     | 488         |
| tictactoe          | Drawing tic-tac-toe or Noughts and Crosses games                                                           | Rowlett                                      | 455         |
| tidyres            | Create formal resumes easily                                                                               | Liang                                        | 337         |
| tie                | Allow multiple web change files                                                                            | Guntermann                                   | 257         |
| tiet-question-p... | A $\text{\LaTeX}$ question paper class for the TIET                                                        | Venkataaramaiyer                             | 547         |
| tif2eps            | A PostScript program for converting TIFF files to EPS                                                      | Jackowski, Pianowski,<br>Strzelczyk          | 285         |
| tiff               | The tiff graphics package                                                                                  | Leffler                                      | 333         |
| tikz-3dplot        | Coordinate transformation styles for 3d plotting in TikZ                                                   | Hein                                         | 267         |
| tikz-among-us      | Create some AmongUs characters in TikZ environments                                                        | Zucattelli                                   | 592         |
| TikZ-Bagua         | Draw Bagua symbols in Yijing                                                                               | WANG                                         | 565         |
| tikz-bayesnet      | Draw Bayesian networks, graphical models and directed factor graphs                                        | Luttinen                                     | 352         |
| tikz-bbox          | Precise determination of bounding boxes in TikZ                                                            | Unknown                                      | 540         |
| tikz-bpmn          | A TikZ library for creating BPMN models                                                                    | Leemans                                      | 333         |
| tikz-cd            | Create commutative diagrams with TikZ                                                                      | Stoffel                                      | 495         |
| tikz-cookingsym... | Draw cooking symbols                                                                                       | Matischok                                    | 360         |
| tikz-decofonts     | Simple decoration fonts, made with TikZ, for short texts                                                   | Pierquet                                     | 418         |
| tikz-dependency    | A library for drawing dependency graphs                                                                    | Pighin                                       | 419         |
| tikz-dimline       | Technical dimension lines using PGF/TikZ                                                                   | Gross                                        | 255         |
| tikz-ext           | A collection of libraries for PGF/TikZ                                                                     | Unknown                                      | 540         |
| TikZ-FeynHand      | Feynman diagrams with TikZ                                                                                 | Dohse                                        | 206         |
| tikz-feynman       | Feynman diagrams with TikZ                                                                                 | Ellis                                        | 216         |
| tikz-imagelabels   | Put labels on images using TikZ                                                                            | Plüss                                        | 421         |
| tikz-inet          | Draw interaction nets with TikZ                                                                            | de Falco                                     | 222         |
| tikz-kalender      | A $\text{\LaTeX}$ based calendar using TikZ                                                                | Niepraschk                                   | 389         |
| tikz-karnaugh      | Typeset Karnaugh maps using TikZ                                                                           | Laus                                         | 330         |
| tikz-ladder        | Draw ladder diagrams using TikZ                                                                            | Laus                                         | 330         |
| tikz-lake-fig      | Schematic diagrams of lakes                                                                                | Stachelek                                    | 492         |
| tikz-layers        | TikZ provides graphical layers on TikZ: “behind”, “above” and “glass”                                      | Moutinho                                     | 376         |
| tikz-mirror-lens   | Spherical mirrors and lenses in TikZ                                                                       | Zucattelli                                   | 592         |
| tikz-nef           | Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF) | Gosmann                                      | 248         |
| tikz-network       | Draw networks with TikZ                                                                                    | Hackl                                        | 258         |
| tikz-nfold         | Triple, quadruple, and n-fold paths with TikZ                                                              | Schulz                                       | 471         |
| tikz-opm           | Typeset OPM diagrams                                                                                       | Hoffmann                                     | 275         |
| tikz-optics        | A library for drawing optical setups with TikZ                                                             | Fruchart                                     | 236         |
| tikz-osci          | Produce oscilloscope “screen shots”                                                                        | Giauffret                                    | 242         |
| tikz-page          | Small macro to help building nice and complex layout materials                                             | Gross                                        | 255         |
| tikz-palattice     | Draw particle accelerator lattices with TikZ                                                               | Schmidt                                      | 465         |
| TikZ-planets       | Illustrate celestial mechanics and the solar system                                                        | Santos                                       | 459         |
| tikz-qtree         | Use existing qtree syntax for trees in TikZ                                                                | Chiang                                       | 190         |
| tikz-relay         | TikZ library for typesetting electrical diagrams                                                           | Laus                                         | 330         |
| tikz-sfc           | Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)                 | Laus                                         | 330         |
| tikz-shields       | Badges as in shields.io, but in $\text{\LaTeX}$                                                            | Saigre                                       | 458         |
| tikz-swigs         | Horizontally and vertically split elliptical nodes                                                         | Richardson                                   | 441         |
| tikz-timing        | Easy generation of timing diagrams as TikZ pictures                                                        | Scharrer                                     | 463         |
| tikz-trackscem...  | A TikZ library for creating track diagrams in railways                                                     | Scheidt                                      | 463         |
| tikz-triminos      | Create triminos, made with TikZ                                                                            | Pierquet                                     | 418         |

| <i>Package</i>     | <i>Caption</i>                                                            | <i>Author</i>                      | <i>Page</i> |
|--------------------|---------------------------------------------------------------------------|------------------------------------|-------------|
| tikz-truchet       | Draw Truchet tiles                                                        | Scroggs                            | 474         |
| tikz2d-fr          | Work with some 2D TikZ commands (French)                                  | Pierquet                           | 418         |
| tikz3d-fr          | Work with some 3D figures                                                 | Pierquet                           | 418         |
| tikzbrickfigurines | Draw brick figurines with TikZ                                            | Pierquet                           | 418         |
| TikZbricks         | Drawing bricks with TikZ                                                  | Unknown                            | 540         |
| tikzcalendarnotes  | Highlighting, marking and annotating dates in a TikZ calendar             | Frigeri                            | 236         |
| tikzcodeblocks     | Helps to draw codeblocks like scratch, NEPO and PXT in TikZ               | Salamon                            | 458         |
| tikzdotncross      | Marking coordinates and crossing paths                                    | Frigeri                            | 236         |
| TikZducks          | A little fun package for using rubber ducks in TikZ                       | Unknown                            | 540         |
| tikzfill           | TikZ libraries for filling with images and patterns                       | Sturm                              | 501         |
| tikzfxgraph        | Plotting functions in a simplified way                                    | Frigeri                            | 236         |
| tikzinclude        | Import TikZ images from collections                                       | Schwenk, Berg                      | 473         |
| TikZlings          | A collection of cute little animals and similar creatures                 | Unknown                            | 541         |
| tikzmark           | Use TikZ's method of remembering a position on a page                     | Stacey                             | 492         |
| TikZmarmots        | Drawing little marmots in TikZ                                            | Unknown                            | 541         |
| tikzorbital        | Atomic and molecular orbitals using TikZ                                  | Salvato-Vallverdu                  | 459         |
| tikzpackets        | Display network packets                                                   | Paciorek                           | 404         |
| tikzpagenodes      | A single TikZ node for the whole page                                     | Scharrer                           | 463         |
| tikzpeople         | Draw people-shaped nodes in TikZ                                          | Fleischhacker                      | 228         |
| tikzpfeile         | Draw arrows using PGF/TikZ                                                | Fütterer, Zachhuber                | 237         |
| TikZpenguins       | Penguins with TikZ                                                        | Sihler                             | 483         |
| tikzposter         | Create scientific posters using TikZ                                      | Richter, Barnard, Botoeva, Surmann | 441         |
| tikzquads          | A few shapes designed to be used with CircuiTikZ                          | Frigeri                            | 236         |
| tikzquests         | A parametric questions' repositories framework                            | Frigeri                            | 236         |
| tikzscale          | Resize pictures while respecting text size                                | Häcker                             | 258         |
| tikzsymbols        | Some symbols created using TikZ                                           | Vitecek                            | 554         |
| tikztosvg          | A utility for rendering TikZ diagrams to SVG                              | Unknown                            | 541         |
| tikzviolinplots    | Draws violin plots from data                                              | Callil-Soares                      | 179         |
| tile-graphic       | Create tiles of a graphical file                                          | Story                              | 499         |
| tilings            | A TikZ library for drawing tiles and tilings                              | Stacey                             | 492         |
| timbreicmc         | Typeset documents with ICMC/USP watermarks                                | Frasson                            | 233         |
| time-gen           | Print the time (12-hour clock)                                            | Sen                                | 475         |
| time               | Defines a macro \now to print the current time                            | Piff, Fairbairns, Carlisle         | 419         |
| timechart          | A package for drawing chronological charts                                | Cain                               | 178         |
| timeline           | Typeset time-lines, for planning, etc.                                    | Unknown                            | 541         |
| timeop             | Calculates and displays arithmetic operations with durations              | Pierquet                           | 418         |
| times              | Select Adobe Times Roman (or equivalent) as default font                  | Rahtz                              | 433         |
| timetab            | Typeset timetables                                                        | Oetiker                            | 399         |
| timetable          | Generate timetables                                                       | Verunek                            | 548         |
| timing-diagrams    | Draw timing diagrams                                                      | Moy                                | 376         |
| timing             | Fonts and macro package for drawing timing diagrams                       | May, Leilich                       | 362         |
| tinot              | Tinot fonts with L <sup>A</sup> T <sub>E</sub> X support                  | Matteson, Tennent                  | 360         |
| tiny21             | Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X | Plugge                             | 421         |
| tipa-de            | German translation of tipa documentation                                  | Leistner                           | 334         |
| tipa               | Fonts and macros for IPA phonetics characters                             | Rei                                | 438         |
| tipauni            | Producing Unicode characters with TIPA commands                           | Unknown                            | 541         |
| tipfr              | Produces calculator's keys with the help of TikZ                          | De Sousa                           | 488         |
| tipos              | Description of fonts for T <sub>E</sub> X, in Spanish                     | Bezos López                        | 342         |
| tiscreen           | Mimic the screen of older Texas Instruments calculators                   | Ibrahim                            | 282         |
| titlecaps          | Setting rich-text input into Titling Caps                                 | Segletes                           | 474         |
| titlefoot          | Add special material to footer of title page                              | Presnell                           | 424         |
| titlepage-uni-d... | Titlepage for University of Dortmund (Germany)                            | Sebastiani                         | 474         |
| titlepages         | Sample titlepages, and how to code them                                   | Wilson                             | 574         |
| titlepic           | Add picture to title page of a document                                   | ten Cate                           | 184         |

| <i>Package</i>    | <i>Caption</i>                                                                      | <i>Author</i>                    | <i>Page</i> |
|-------------------|-------------------------------------------------------------------------------------|----------------------------------|-------------|
| titleps           | Page style control                                                                  | Bezoz López                      | 342         |
| titleref          | A “\titleref” command to cross-reference section titles                             | Arseneau                         | 144         |
| titles            | Titles of books, articles, etc. in $\LaTeX$                                         | Swift                            | 503         |
| titlesec          | Select alternative section titles                                                   | Bezoz López                      | 342         |
| titletoc          | Alternative headings for toc/lof/lot                                                | Bezoz López                      | 342         |
| titling           | Control over the typesetting of the \maketitle command                              | Robertson, Wilson                | 447         |
| tkbibtex          | A portable editor and browser for BibTeX files                                      | Corke                            | 196         |
| tkdvi             | DVI previewer built with the Tcl/Tk toolkit                                         | Lingnau                          | 339         |
| tkhyph            | Hyphenation patterns for Turkish                                                    | MacKay                           | 353         |
| tktexcad          | Generate $\LaTeX$ picture environments                                              | Straube                          | 500         |
| tkz-base          | Tools for drawing with a cartesian coordinate system                                | Matthes                          | 360         |
| tkz-berge         | Macros for drawing graphs of graph theory                                           | Matthes                          | 360         |
| tkz-bernoulli     | Draw Bernoulli trees with TikZ                                                      | Pierquet                         | 418         |
| tkz-doc           | Documentation macros for the TKZ series of packages                                 | Matthes                          | 361         |
| tkz-elements      | A Lua library for drawing Euclidean geometry with TikZ or tkz-euclide               | Matthes                          | 361         |
| tkz-euclide       | Tools for drawing Euclidean geometry                                                | Matthes                          | 361         |
| tkz-fct           | Tools for drawing graphs of functions                                               | Matthes                          | 361         |
| tkz-graph         | Draw graph-theory graphs                                                            | Matthes                          | 361         |
| tkz-grapheur      | A $\LaTeX$ package with tools for graph plotting (and TikZ)                         | Pierquet                         | 418         |
| tkz-interval      | Interval brackets made with TikZ                                                    | Pierquet                         | 418         |
| tkz-kiviat        | Draw Kiviat graphs                                                                  | Matthes                          | 361         |
| tkz-linknodes     | Link nodes in mathematical environments                                             | Matthes                          | 361         |
| tkz-orm           | Create Object-Role Model (ORM) diagrams                                             | Voß, Staps                       | 562         |
| tkz-tab           | Tables of signs and variations using PGF/TikZ                                       | Matthes                          | 361         |
| tkzexample        | Package for the documentation of all tkz-* packages                                 | Matthes                          | 361         |
| tlaunch           | A Windows GUI to run a networked TeX Live as if installed locally                   | Kroonenberg                      | 321         |
| tlc-article       | A $\LaTeX$ document class for formal documents                                      | Howard                           | 279         |
| tlc2-errata       | Errata list for The $\LaTeX$ Companion, Second Edition                              | Mittelbach, Goossens             | 372         |
| tlc2-examples     | Examples from “The $\LaTeX$ Companion”, second edition                              | Mittelbach                       | 371         |
| tlc3-examples     | All examples from “The $\LaTeX$ Companion”, third edition                           | Mittelbach                       | 371         |
| TL Cockpit        | A GUI frontend to TeX Live Manager (tlmgr)                                          | Preining                         | 424         |
| tlg2latex         | Prepare $\LaTeX$ from the Thesaurus Linguae Graecae                                 | Rouquette                        | 454         |
| tlmgr-intro-zh-cn | A short tutorial on using tlmgr in Chinese                                          | Sun                              | 501         |
| tlmgrBasics       | A simplified documentation for tlmgr                                                | Tennent                          | 518         |
| tma               | A package to aid in the writing of Tutor Marked Assessments for the Open University | Riley                            | 442         |
| tmmath-fonts      | Bitmap versions of the Micropress TM-Math fonts (Times Maths)                       | MicroPress                       | 367         |
| tmmath            | Support for using the Micropress TM-Math fonts                                      | Schmidt, Harcombe                | 466         |
| tmview            | A DVI previewer for SVGA displays                                                   | Moor                             | 374         |
| to-be-determined  | Highlight text passages that need further work                                      | Bugayenko                        | 175         |
| toc-zar           | Plain TeX table of contents macros                                                  | Zirin                            | 590         |
| toc               | Table of contents macros for Plain TeX                                              | Unknown                          | 541         |
| tocbasic          | Management of tables/lists of contents (and the like)                               | Kohm                             | 316         |
| tocbibind         | Add bibliography/index/contents to Table of Contents                                | Robertson, Wilson                | 447         |
| tocdata           | Adds names to chapters, sections, figures in the TOC and LOF                        | Dunn                             | 212         |
| tocenter          | Centring (and other) Page Layout                                                    | Rozhenko                         | 456         |
| tocloft           | Control table of contents, figures, etc.                                            | Robertson, Wilson                | 447         |
| tocstyle          | Define style of Table of contents (etc) files                                       | Kohm                             | 316         |
| tocvsec2          | Section numbering and table of contents control                                     | Robertson, Wilson                | 447         |
| todo              | Make a to-do list for a document                                                    | Garcia-De Castro                 | 184         |
| todonotes         | Marking things to do in a $\LaTeX$ document                                         | Midtiby                          | 368         |
| toil              | An installer of PostScript fonts for TeX                                            | Jackowski, Pianowski, Strzelczyk | 285         |
| tokcycle          | Build tools to process tokens from an input stream                                  | Segletes                         | 475         |



| <i>Package</i>     | <i>Caption</i>                                                                             | <i>Author</i>                                    | <i>Page</i> |
|--------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| tokenizer          | A tokenizer                                                                                | Herpers                                          | 271         |
| tokmap             | Iterate over a token list expandably, without dropping spaces or braced groups             | Unknown                                          | 541         |
| tolkienfonts       | Use TTF “Tolkien” fonts from the WWW with pdfTeX                                           | Barton                                           | 150         |
| tonevalue          | Tool for linguists and phoneticians to visualize tone value patterns                       | Chen                                             | 187         |
| toolbox            | Tool macros                                                                                | Väth                                             | 546         |
| topcapt            | Place captions above figures or tables                                                     | Fairbairns, Carlisle                             | 221         |
| topfloat           | Move floats to the top of the page                                                         | Macchia                                          | 353         |
| topiclongtable     | Extend longtable with cells that merge hierarchically                                      | Brasolin                                         | 170         |
| TOPletter          | Letter class for the Politecnico di Torino                                                 | Torchiano                                        | 527         |
| topsection         | An un-numbered top level section                                                           | Rozhenko                                         | 457         |
| TOPtesi            | Bundle for typesetting multilanguage theses                                                | Beccari                                          | 154         |
| totalcount         | Commands for typesetting total values of counters                                          | Sommerfeldt                                      | 488         |
| totcount           | Find the last value of a counter                                                           | Koutavas                                         | 319         |
| totpages           | Count pages in a document, and report last page number                                     | Müller                                           | 377         |
| tpcmfont           | Computer modern fonts in “true point sizes”                                                | Knuutila                                         | 312         |
| tpic2pdfTeX        | Use tpic commands in pdfTeX                                                                | Henkel, T <sub>E</sub> XLive                     | 270         |
| tpsli fonts        | A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts               | Lehmke                                           | 333         |
| TpX                | A drawing tool for Windows                                                                 | Tsyplakov                                        | 529         |
| tqft               | Drawing TQFT diagrams with TikZ/PGF                                                        | Stacey                                           | 492         |
| tr2latex           | Translate troff source to L <sup>A</sup> T <sub>E</sub> X                                  | Engel, Jagdman, Al-Yahya                         | 217         |
| trace              | Make sensible use of T <sub>E</sub> X tracing in L <sup>A</sup> T <sub>E</sub> X           | Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team | 372         |
| tracking           | Adjust tracking of strings                                                                 | Glazkov                                          | 244         |
| tracklang          | Language and dialect tracker                                                               | Talbot                                           | 511         |
| trademarks         | A collection of trademarks and the like                                                    | Unknown                                          | 541         |
| traffic-light-p... | Show TLP (Traffic Light Protocol) tags                                                     | Starke                                           | 493         |
| trajan             | Fonts from the Trajan column in Rome                                                       | Wilson                                           | 574         |
| tram               | Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X                                      | Khalighi, bidi-tex GitHub Organisation           | 299         |
| tramlines          | A package for creating tramlines (lines above and below a title used by lawyers in the UK) | Granet                                           | 250         |
| trans              | A simple T <sub>E</sub> X macro package for PostScript transformations                     | BOP                                              | 165         |
| transfig           | Transform xfig pictures into many other formats                                            | Smith                                            | 485         |
| translation-arr... | French translation of the documentation of array                                           | Drucbert                                         | 209         |
| translation-ars... | German version of arsclassica                                                              | Römer, Gessinger                                 | 450         |
| translation-bib... | German translation of the User Guide for BibLaTeX                                          | Römer                                            | 450         |
| translation-boo... | French translation of the documentation of booktabs                                        | Drucbert                                         | 209         |
| translation-che... | German version of chemsym                                                                  | Römer, Heuke                                     | 451         |
| translation-dco... | French translation of the documentation of dcolumn                                         | Drucbert                                         | 210         |
| translation-ecv-de | Ecv documentation, in German                                                               | Römer, Vogel                                     | 451         |
| translation-enu... | Enumitem documentation, in German                                                          | Ludwig, Römer                                    | 349         |
| translation-eur... | German version of europecv                                                                 | Römer, Fischer                                   | 450         |
| translation-fil... | German version of filecontents                                                             | Römer, Berndt                                    | 450         |
| translation-foo... | A German translation of the documentation of footmisc                                      | Römer                                            | 450         |
| translation-mor... | German version of moreverb                                                                 | Römer, Biniok                                    | 450         |
| translation-nat... | French translation of the documentation of natbib                                          | Drucbert, Daly                                   | 210         |
| translation-pst... | A German translation of the documentation of pst-jtree                                     | Römer                                            | 450         |
| translation-tab... | French translation of the documentation of Tabbing                                         | Drucbert                                         | 210         |
| translations       | Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages                         | Niederberger                                     | 387         |
| translator         | Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X                             | Wright                                           | 578         |
| Transparent-IO     | Show for approval the filenames used in \input, \openin, or \openout                       | Wermuth                                          | 568         |
| transparent        | Using a color stack for transparency with pdfTeX                                           | Oberdiek                                         | 398         |
| tree-dvips         | Trees and other linguists’ macros                                                          | Pease                                            | 411         |
| treedef            | Macros to typeset trees in Plain T <sub>E</sub> X                                          | Eppstein                                         | 218         |
| treesvr            | Tree macros                                                                                | Vanroose                                         | 545         |

| <i>Package</i>     | <i>Caption</i>                                                         | <i>Author</i>           | <i>Page</i> |
|--------------------|------------------------------------------------------------------------|-------------------------|-------------|
| treetex-ltx209     | Draw horizontally- or vertically-oriented trees                        | Bloesch                 | 163         |
| treetex-plain      | Draw trees                                                             | Brueggemann-Klein, Wood | 173         |
| trfsigns           | Typeset transform signs                                                | Rascher                 | 436         |
| trig               | Simple trigonometric functions                                         | Carlisle, $\LaTeX$ Team | 183         |
| trigonometry       | Demonstration code for cos and sin in $\TeX$ macros                    | Taylor                  | 514         |
| trimspaces         | Trim spaces around an argument or within a macro                       | Robertson               | 444         |
| trivfloat          | Quick float definitions in $\LaTeX$                                    | Wright                  | 578         |
| TrivialPursuit     | Insert Trivial Pursuit board game                                      | Pierquet                | 418         |
| trsym              | Symbols for transformations                                            | Holfert                 | 277         |
| truchet            | Truchet tiling in MetaPost                                             | Roegel                  | 448         |
| truecols           | Colour facilities for $\text{\texttt{S}\TeX}$                          | Love                    | 346         |
| truetypermetrics   | Metrics for some TrueType font families                                | Penninga                | 413         |
| TrueTypeToType42   | Generate a Type 42 font from a TrueType font                           | Barton                  | 150         |
| truncate           | Truncate text to a specified width                                     | Arseneau                | 145         |
| truthtable         | Automatically generate truth tables for given variables and statements | Flück                   | 230         |
| TrY                | Automation of $\TeX$ /LaTeX compilation                                | Tex                     | 519         |
| tsconfig           | Setup support for $\TeX$ shell                                         | Nitschke                | 390         |
| tsemlines          | Support for the ancient $\backslash$ emline macro                      | Schlemmer               | 464         |
| tsipa              | Macros and fonts to produce IPA typesetting                            | Hajime, Rei, Shun       | 259         |
| tsvtemplate        | Apply a template to a tsv file                                         | Renkema                 | 440         |
| tt2001             | Type 1 EC fonts generated by $\TeX$ trace                              | Szabó                   | 506         |
| ttf-howto          | Using TrueType fonts with $\TeX$ systems                               | Harders                 | 264         |
| ttf2mf             | Convert True Type fonts to Metafont                                    | Motygin                 | 376         |
| ttf2pfb            | Make an Adobe Type 1 version of a TrueType font                        | Lemberg                 | 335         |
| ttf2pt1            | Convert TrueType fonts to Adobe Type 1 format                          | Weeks, Siebert, Henlich | 566         |
| ttf2tex            | Use TrueType fonts with $\text{\texttt{t}\TeX}$                        | Lehman                  | 333         |
| ttftogf            | Convert True Type fonts to GF format                                   | Vasil'ev                | 546         |
| tth                | A $\TeX$ to HTML translator                                            | Hutchinson              | 281         |
| ttn                | TeX and TUG news archive                                               | Thiele                  | 523         |
| ttt                | A Tibetan Transcript Transliterator for $\LaTeX$                       | Steiner                 | 494         |
| tucv               | Support for typesetting a CV or résumé                                 | Louthan                 | 346         |
| tuda-ci            | LaTeX templates of Technische Universität Darmstadt                    | Peischl                 | 412         |
| tudscr             | Corporate Design of Technische Universität Dresden                     | Hanisch                 | 260         |
| tufte-latex        | Document classes inspired by the work of Edward Tufte                  | Godby                   | 245         |
| tugboat-plain      | Plain $\TeX$ macros for TUGboat                                        | Beeton, Berry           | 156         |
| tugboat-toc        | An accumulation of TUGboat tables of contents                          | Beeton                  | 156         |
| tugboat            | LaTeX macros for TUGboat articles                                      | Fairbairns, Berry       | 220         |
| tui                | Thesis style for the University of the Andes, Colombia                 | Vaughan                 | 546         |
| tuple              | Expandable operations for tuples of numbers                            | Tellechea               | 514         |
| turabian-format... | Formatting based on Turabian's Manual                                  | Abdool                  | 136         |
| turabian           | Create Turabian-formatted material using $\LaTeX$                      | Surber                  | 501         |
| turkish            | LaTeX Support for Typesetting Turkish                                  | MacKay                  | 353         |
| turkishintro       | An introduction to $\LaTeX$ , in Turkish                               | Rakhimov                | 435         |
| turkmen            | Babel support for Turkmen                                              | Annagurban              | 141         |
| turnstile          | Typeset the (logic) turnstile notation                                 | Buchsbaum, Reinaldo     | 173         |
| turnthepage        | Provide "turn page" instructions                                       | Merciadri, Münch        | 366         |
| tutodoc            | Typeset tutorial-like documentations                                   | Bal                     | 147         |
| tuzuk              | Turkish bylaws and regulations document class                          | Oğuz                    | 400         |
| TVS                | TeX Versioning System                                                  | Antos                   | 141         |
| twcal              | Calligraphic font for typesetting handwriting                          | Weinmann                | 567         |
| tweb               | A web system for $\TeX$ macro sources                                  | Bzyl                    | 178         |
| twemoji-colr       | Twemoji font in COLR/CPAL layered format                               | Zeng                    | 588         |
| twemojis           | Use Twitter's open source emojis through $\LaTeX$ commands             | Rosset                  | 452         |
| twocolumns         | Knuth's two-column output macros                                       | Knuth                   | 311         |
| 2in1               | Print two pages on a single page                                       | Saxena                  | 460         |

| <i>Package</i>   | <i>Caption</i>                                                                                 | <i>Author</i>            | <i>Page</i> |
|------------------|------------------------------------------------------------------------------------------------|--------------------------|-------------|
| twoopt           | Definitions with two optional arguments                                                        | Oberdiek                 | 398         |
| twoside          | Two-side typesetting in Plain $\TeX$                                                           | Unknown                  | 541         |
| twoup-gen        | Macros to print two-up                                                                         | Van Zandt, Voß           | 587         |
| twoup1tx         | Print two virtual pages on each physical page                                                  | Hansen                   | 261         |
| twoxtwogame      | Visualize 2×2 normal-form games                                                                | Marris, Technologies     | 358         |
| txfonts          | Times-like fonts in support of mathematics                                                     | Ryu                      | 458         |
| txfontsb         | Extensions to txfonts, using GNU Freefont                                                      | Tsolomitis               | 529         |
| txgreek          | Shape selection for TX fonts Greek letters                                                     | Burnol                   | 176         |
| txp              | Draw text along a path                                                                         | Muelas                   | 377         |
| txt              | Output documents via terminals, line printers, etc.                                            | Droms                    | 209         |
| txt2latex        | Convert text by fixing special chars and quote marks                                           | Miller                   | 370         |
| txt2tex          | Add $\LaTeX$ markup to plain text                                                              | Jansons                  | 287         |
| TXUpCal          | Upright calligraphic font based on TX calligraphic                                             | Sharpe                   | 479         |
| type1cm          | Arbitrary size font selection in $\LaTeX$                                                      | Carlisle                 | 181         |
| type1ec          | Permit EC, TC and LH fonts at arbitrary sizes                                                  | Volovich                 | 555         |
| typearea         | Set page margins                                                                               | Kohm, Neukam             | 317         |
| typed-checklist  | Typesetting tasks, goals, milestones, artifacts, and more in $\LaTeX$                          | Grewe                    | 254         |
| typedref         | Eliminate errors by enforcing the types of labels                                              | Seidman, Ashton          | 475         |
| typeface         | Select a balanced set of fonts                                                                 | Jones                    | 290         |
| typehtml         | Typeset HTML directly from $\LaTeX$                                                            | Carlisle                 | 181         |
| typeoutfileinfo  | Display class/package/file information                                                         | Lück                     | 348         |
| typespec         | Create font samplers                                                                           | Moye                     | 376         |
| typewriter       | Typeset with a randomly variable monospace font                                                | Carlisle                 | 181         |
| typicons         | Font containing a set of web-related icons                                                     | Vigil                    | 552         |
| typoid           | Macros for font diagnostics                                                                    | Ratti                    | 436         |
| typog            | Typographic fine-tuning and micro-typographic enhancements                                     | Spiel                    | 489         |
| typografie       | A tutorial on typography                                                                       | Reichert                 | 439         |
| typogrid         | Print a typographic grid                                                                       | Harders                  | 264         |
| typstfun         | List of equivalent Typst function names of $\LaTeX$ commands                                   | Lyu                      | 353         |
| tzplot           | Plot graphs with TikZ abbreviations                                                            | Cho                      | 190         |
| <b>UUUUU</b>     |                                                                                                |                          |             |
| u8tex            | Input Unicode characters in $\TeX$ notation, in emacs                                          | Pokrovsky                | 422         |
| uaclclasses      | University of Arizona thesis and dissertation format                                           | Oliver                   | 400         |
| uafthesis        | Document class for theses at University of Alaska Fairbanks                                    | Holbrook                 | 277         |
| uAlberta         | A $\LaTeX$ template for the University of Alberta                                              | Aldrich                  | 138         |
| uantwerpendocs   | Course texts, master theses, and exams in University of Antwerp style                          | Daems                    | 198         |
| uassign          | Environments and options for typesetting university assignments                                | Esau                     | 218         |
| ucalgmthesis     | LaTeX thesis class for University of Calgary Faculty of Graduate Studies                       | Zach                     | 586         |
| ucbthesis        | Thesis and dissertation class supporting UCB requirements                                      | Vojta, Gildea            | 554         |
| ucdavisthesis    | A thesis/dissertation class for University of California at Davis                              | Scott                    | 473         |
| ucharcat         | Implementation of the (new in 2015) XeTeX $\backslash$ ucharcat command in lua, for LuaTeX     | Carlisle                 | 181         |
| ucharclasses     | Font actions in XeTeX according to what is being processed                                     | Kamermans                | 293         |
| ucph-revy        | Musical script formatting                                                                      | Levin Hansen             | 261         |
| ucs              | Extended UTF-8 input encoding support for $\LaTeX$                                             | Jeltsch, Unruh, Carlisle | 288         |
| ucsmonograph     | Typesetting academic documents from the University of Caxias do Sul                            | Baron                    | 149         |
| ucthesis         | University of California thesis format                                                         | Gildea                   | 242         |
| ucthesis209      | LaTeX 2.09 document style for UC Theses                                                        | Munson                   | 379         |
| udepcolor        | University of Piura (UDEP) institutional and corporate colors for digital and electronic media | Merino                   | 367         |
| udes-genie-these | A thesis class file for the Faculté de génie at the Université de Sherbrooke                   | Brunet                   | 173         |
| udesoftec        | Thesis class for the University of Duisburg-Essen                                              | Schuler                  | 471         |

| <i>Package</i>   | <i>Caption</i>                                                                                                       | <i>Author</i>                                      | <i>Page</i> |
|------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|
| udiss            | A L <sup>A</sup> T <sub>E</sub> X bundle for typesetting dissertations                                               | The Indian TeX Users Group, Unknown, Radhakrishnan | 521         |
| uebungsblatt     | A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets                                                  | Akkerman                                           | 138         |
| uestcthesis      | Thesis class for UESTC                                                                                               | Fujun                                              | 237         |
| ufrgscca         | A bundle for undergraduate students final work/report (tcc) at UFRGS/EE                                              | Frigeri                                            | 236         |
| ugarite          | Fonts for Ugaritic cuneiform script                                                                                  | Wilson                                             | 574         |
| ugaritic         | A font for Ugaritic                                                                                                  | Stanier                                            | 492         |
| uhc              | Fonts for the Korean language                                                                                        | Un                                                 | 532         |
| uhasignment      | A document class for typesetting homework assignments                                                                | Wittenburg                                         | 575         |
| uhrzeit          | Time printing, in German                                                                                             | Meltzer                                            | 366         |
| unthesis         | University of Houston thesis document style                                                                          | Georgakopoulos                                     | 240         |
| uiucredborder    | Class for UIUC thesis red-bordered forms                                                                             | Pakin                                              | 407         |
| uiucthesis       | UIUC thesis class                                                                                                    | Czoschke, Hull                                     | 198         |
| ukbill           | A class for typesetting UK legislation                                                                               | Granet                                             | 250         |
| ukdate           | Typeset date in a UK-ish form                                                                                        | Clark                                              | 192         |
| ukhyph           | Hyphenation patterns for British English                                                                             | Wujastyk, Taylor                                   | 578         |
| ukrhyph          | Hyphenation Patterns for Ukrainian                                                                                   | Shvaika, Polyakov, Vulis                           | 481         |
| UK-TeX           | The UK T <sub>E</sub> X digest                                                                                       | Unknown                                            | 541         |
| uktug-bask       | Old copies and sources of Baskerville                                                                                | UK TeX Users Group                                 | 531         |
| ulem             | Package for underlining                                                                                              | Arseneau                                           | 145         |
| ullrcorners      | Draw corners on the upper left and lower right sides of a word                                                       | Goulet                                             | 249         |
| ulqda            | Support of Qualitative Data Analysis                                                                                 | Griffin                                            | 254         |
| ulsy-ps          | Extra mathematical characters in Adobe Type 1 format                                                                 | Goldschmitt, Henel                                 | 245         |
| ulsy             | Extra mathematical characters                                                                                        | Goldschmitt                                        | 245         |
| ulthese          | Thesis class and templates for Université Laval                                                                      | Lasou, Goulet                                      | 330         |
| Ultra-TeX        | An emacs T <sub>E</sub> X mode with “lightning completion”                                                           | Palmieri                                           | 407         |
| umbclegislation  | A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills | DasSarma                                           | 201         |
| umich-thesis     | University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class                                                  | Kleb                                               | 304         |
| UML              | UML diagrams in L <sup>A</sup> T <sub>E</sub> X                                                                      | Gjelstad                                           | 244         |
| umlaute          | German input encodings in L <sup>A</sup> T <sub>E</sub> X                                                            | Sommerfeldt                                        | 488         |
| umoline          | Underline text allowing line breaking                                                                                | Khalighi, Nakashima                                | 300         |
| umrand           | Package for fancy box frames                                                                                         | Schrell, Hörstmeier                                | 469         |
| umthesis         | Dissertations at the University of Michigan                                                                          | Felty                                              | 223         |
| umtypewriter     | Fonts to typeset with the xgreek package                                                                             | Syropoulos                                         | 504         |
| unam-thesis      | Create documents according to the UNAM guidelines                                                                    | Camacho Bolaños                                    | 164         |
| unamth-template  | UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template                                                                 | Velázquez                                          | 547         |
| unamthesis       | Style for Universidad Nacional Autonoma de Mexico theses                                                             | Freyre-Gonzalez                                    | 234         |
| UnBTeX           | A class for theses at University of Brasilia (UnB)                                                                   | Ferreira                                           | 224         |
| uncial           | Uncial manuscript book-hand font                                                                                     | Wilson                                             | 574         |
| undar-digitacion | Musical fingering diagrams of Pinkullo Huanuqueño, Flute (Recorder), Quena and Saxophone                             | Bravo Vecorena                                     | 547         |
| undergradmath    | LaTeX Math for Undergraduates cheat sheet                                                                            | Hefferon                                           | 266         |
| underlin-generic | Multi-word underlining                                                                                               | Gildea                                             | 242         |
| underlin         | Underlined running heads                                                                                             | Schöpf                                             | 469         |
| underoverlap     | Position decorations over and under expressions                                                                      | Helvensteijn                                       | 269         |
| underscore       | Control the behaviour of “_” in text                                                                                 | Arseneau                                           | 145         |
| undertilde-gen   | A simple macro for placing a tilde under a character                                                                 | Unknown                                            | 541         |
| undertilde       | Typeset a tilde under one (or many) maths symbols                                                                    | Bayart                                             | 152         |
| undolabl         | Override existing labels                                                                                             | Münch                                              | 378         |
| undump           | Make a new executable with format loaded                                                                             | Thomas                                             | 523         |
| unfinished       | Mark unfinished parts of a document                                                                                  | Unknown                                            | 541         |
| unfonts-core     | TrueType version of Un-fonts                                                                                         | Un                                                 | 532         |

| <i>Package</i>     | <i>Caption</i>                                                                                | <i>Author</i>                                             | <i>Page</i> |
|--------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------|
| unfonts-extra      | TrueType version of Un-fonts                                                                  | Un                                                        | 532         |
| uni-titlepage      | Universal titlepages with configuration options and predefined styles                         | Kohm                                                      | 316         |
| uni-wtal-ger       | Citation style for literary studies at the University of Wuppertal                            | Dahlmann                                                  | 199         |
| uni-wtal-lin       | Citation style for linguistic studies at the University of Wuppertal                          | Dahlmann                                                  | 199         |
| unibidi-lua        | Unicode bidi algorithm implementation for various LuaTeX formats                              | Fogiel                                                    | 231         |
| unicode-alphabets  | Macros for using characters from Unicode's Private Use Area                                   | Eriksen                                                   | 218         |
| unicode-bidi       | Experimental unicode bidi package for XeTeX                                                   | Khalighi, bidi-tex GitHub Organisation                    | 299         |
| unicode-data       | Unicode data and loaders for T <sub>E</sub> X                                                 | Wright, L <sup>A</sup> T <sub>E</sub> X Team              | 578         |
| unicode-math-input | Allow entering Unicode symbols in math formulas                                               | user202729                                                | 544         |
| unicode-math       | Unicode mathematics support for XeTeX and LuaTeX                                              | Robertson, Hosny                                          | 445         |
| unicode            | Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X                             | Jeltsch, Unruh                                            | 288         |
| unicodfonttable    | A Unicode font table generator                                                                | Mittelbach                                                | 371         |
| UniFiTh            | Typeset theses for University of Florence (Italy)                                             | Biccari                                                   | 161         |
| unifront           | Give notes a unique front page for every chapter and section                                  | Wei                                                       | 567         |
| unigrazpub         | LaTeX templates for University of Graz Library Publishing Services                            | Peischl                                                   | 412         |
| unimath-plain-x... | OpenType math support in (plain) XeTeX                                                        | Zhang                                                     | 589         |
| uninormalize       | Unicode normalization support                                                                 | Hoftich                                                   | 276         |
| uniquecounter      | Provides unlimited unique counter                                                             | Oberdiek                                                  | 398         |
| unisc              | Unicode small caps with Lua/XeLaTeX                                                           | Unknown                                                   | 541         |
| unisugar           | Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X                            | Gil                                                       | 242         |
| unitconv           | Convert a length into one with another unit                                                   | Voß                                                       | 560         |
| unitipa            | TIPA typefaces with Unicode characters as input                                               | Unknown                                                   | 541         |
| unitn-bimrep       | A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering | Ragni                                                     | 433         |
| units              | Typeset units                                                                                 | Reichert                                                  | 439         |
| unitsdef           | Typesetting units in L <sup>A</sup> T <sub>E</sub> X                                          | Happel                                                    | 261         |
| universa           | Herbert Bayer's 'universal' font                                                              | Holm Christensen                                          | 191         |
| universalis        | Universalis font, with support                                                                | Tennent                                                   | 518         |
| univie-ling        | Papers, theses and research proposals in (Applied) Linguistics at Vienna University           | Spitzmüller                                               | 489         |
| unixman            | Typeset to look like Unix man output                                                          | Barton-Davis                                              | 150         |
| unizgklasa         | A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb   | Milin                                                     | 369         |
| unouter            | Suppress \outer flags in Plain T <sub>E</sub> X                                               | McManus                                                   | 364         |
| unpacked           | Unpacked copy of the L <sup>A</sup> T <sub>E</sub> X sources                                  | L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach, Lamport | 429         |
| unravel            | Watching T <sub>E</sub> X digest tokens                                                       | Le Floch                                                  | 229         |
| unswcover          | Typeset a dissertation cover page following UNSW guidelines                                   | Mehani                                                    | 365         |
| unswthesis         | UNSW theses                                                                                   | Zaitseff                                                  | 586         |
| untex              | Strip (La)TeX commands from source file                                                       | Staats, Endisch                                           | 491         |
| uol-physics-report | A L <sup>A</sup> T <sub>E</sub> X document class for writing lab reports                      | Suchard                                                   | 501         |
| uothesis           | Class for dissertations and theses at the University of Oregon                                | Anderson                                                  | 141         |
| uowthesis          | Document class for dissertations at the University of Wollongong                              | Ye                                                        | 585         |
| uowthesisitlepage  | Title page for dissertations at the University of Wollongong                                  | Griffiths                                                 | 255         |
| upca               | Print UPC-A barcodes                                                                          | Mrkus                                                     | 377         |
| updatemarks        | Extract and update marks from boxes                                                           | Unknown                                                   | 542         |
| upgreek            | Upright Greek letters                                                                         | Schmidt, Harcombe                                         | 466         |
| uplatex            | pLaTeX2e and miscellaneous macros for upTeX                                                   | Maeda, Japanese T <sub>E</sub> X Team                     | 355         |
| upmendex           | Multilingual index processor                                                                  | Tanaka                                                    | 512         |
| UPmethodology      | Writing specifications such as for UP-based methodologies                                     | Galland                                                   | 238         |
| uppunctlm          | Always keep upright shape for some punctuation marks and Arabic numerals                      | Kieda                                                     | 300         |
| upquote            | Show "realistic" quotes in verbatim                                                           | Covington, Mittelbach, Kuhn                               | 197         |
| upref              | Ensure references are upright                                                                 | The AMS                                                   | 521         |



| <i>Package</i> | <i>Caption</i>                                                                                            | <i>Author</i>                                 | <i>Page</i> |
|----------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| uptex-base     | Plain T <sub>E</sub> X formats and documents for upTeX                                                    | Maeda, Tanaka, Japanese T <sub>E</sub> X Team | 355         |
| uptex-fonts    | Fonts for use with upTeX                                                                                  | Maeda, Japanese T <sub>E</sub> X Team, Tanaka | 355         |
| uptex          | Unicode version of pTeX                                                                                   | Tanaka                                        | 512         |
| upzhkinsoku    | Supplementary Chinese kinsoku for Unicode *pTeX                                                           | Zhang                                         | 589         |
| urcls          | Beamer and scrlltr2 classes and styles for the University of Regensburg                                   | Peischl                                       | 413         |
| uri            | Hyperlinks for a wide range of URIs                                                                       | Münch                                         | 378         |
| url            | Verbatim with URL-sensitive line breaks                                                                   | Arseneau                                      | 145         |
| urlbst         | Web support for BibTeX                                                                                    | Gray                                          | 252         |
| urw-antiqua    | URW Antiqua condensed font, for use with T <sub>E</sub> X                                                 | URW GmbH, Schmidt, Harcombe                   | 543         |
| urw-arial      | URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X                                          | URW GmbH, Schmidt, Harcombe                   | 543         |
| URW-base35     | URW ‘Base 35’ font pack for L <sup>A</sup> T <sub>E</sub> X                                               | URW GmbH, Peterlin, Schmidt                   | 543         |
| urw-garamond   | URW Garamond No8 Adobe Type 1 fonts                                                                       | Schmidt, Harcombe                             | 466         |
| URW-Grotesq    | URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X                                                 | URW GmbH, Schmidt, Harcombe                   | 543         |
| urw            | URW free font support                                                                                     | URW GmbH                                      | 543         |
| urwchancal     | Use URW’s clone of Zapf Chancery as a maths alphabet                                                      | Sharpe                                        | 479         |
| urwvf          | Support for use of free URW fonts                                                                         | Wierzbicki                                    | 570         |
| uscthis        | USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09                                                 | Cochran                                       | 193         |
| usebib         | A simple bibliography processor                                                                           | Gregorio                                      | 254         |
| useclass       | Load classes as packages                                                                                  | HUANG                                         | 280         |
| usenix         | Style option to do Usenix conference proceedings                                                          | Steiner                                       | 494         |
| ushort         | Shorter (and longer) underlines and underbars                                                             | Väth                                          | 546         |
| ushyph         | US hyphenation patterns                                                                                   | Kuiken                                        | 324         |
| uspace         | Giving meaning to various Unicode space characters                                                        | Haisman                                       | 259         |
| uspatent       | U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX                                 | Pupalaikis                                    | 430         |
| usrguide       | Basic L <sup>A</sup> T <sub>E</sub> X for authors                                                         | L <sup>A</sup> T <sub>E</sub> X Team          | 428         |
| ut-backref     | Modified backref                                                                                          | Utcke                                         | 544         |
| ut-thesis      | University of Toronto thesis style                                                                        | Pitt, Knight                                  | 421         |
| utexasthesis   | University of Texas at Austin graduate thesis style                                                       | Brown                                         | 172         |
| utf2any        | Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc.                                   | Kleiweg                                       | 307         |
| utf8add        | Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input                                | Jørgensen                                     | 291         |
| utf8mex        | Tools to produce formats that read Polish language input                                                  | Bzyl, Wawrykiewicz                            | 178         |
| utfsym         | Provides various Unicode symbols                                                                          | Spittank                                      | 489         |
| util-half      | A half-tone font                                                                                          | Unknown                                       | 542         |
| utopia         | Adobe Utopia fonts                                                                                        | Adobe                                         | 137         |
| utorontothesis | A thesis class definition for University of Toronto                                                       | Bernecky                                      | 160         |
| utthesis       | Thesis package for the University of Texas at Austin                                                      | Das                                           | 201         |
| uvaletter      | Unofficial letterhead template for the University of Amsterdam                                            | Piazzai                                       | 414         |
| uwa-colours    | The colour palette of The University of Western Australia                                                 | Di Pietro                                     | 419         |
| uwa-letterhead | The letterhead of the University of Western Australia                                                     | Di Pietro                                     | 419         |
| uwa-pcf        | A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia     | Di Pietro                                     | 419         |
| uwa-pif        | A Participant Information Form (PIF) for a human research protocol at the University of Western Australia | Di Pietro                                     | 419         |
| uwmslide       | Slides with a simple Power Point like appearance                                                          | Benedict                                      | 158         |
| uwthesis       | University of Washington thesis class                                                                     | Fox                                           | 232         |
| uwthesis209    | LaTeX 2.09 style for University of Washington theses                                                      | Fox                                           | 232         |
| <b>VVVVV</b>   |                                                                                                           |                                               |             |
| va             | Handwriting fonts                                                                                         | Ludewig                                       | 349         |
| vak            | BibTeX style for Russian Theses, books, etc.                                                              | Melnikov                                      | 366         |

| <i>Package</i>  | <i>Caption</i>                                                                   | <i>Author</i>                                | <i>Page</i> |
|-----------------|----------------------------------------------------------------------------------|----------------------------------------------|-------------|
| Vancouver       | Bibliographic style file for Biomedical Journals                                 | van der Beek                                 | 155         |
| variablelm      | Font definitions for the variable Latin Modern fonts                             | Kieda                                        | 300         |
| variations      | Typeset tables of variations of functions                                        | Obrecht                                      | 399         |
| varindent       | Make paragraph indentation match the length of the line above                    | Arseneau                                     | 145         |
| varindex        | Luxury frontend to the \index command                                            | Väth                                         | 546         |
| varioref        | Intelligent page references                                                      | Mittelbach                                   | 371         |
| varisize        | Change font size in Plain T <sub>E</sub> X                                       | Hosek                                        | 278         |
| varsects        | A simple package for controlling headings                                        | Taupin                                       | 513         |
| VarsFromJobname | Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file      | Ziegenhagen                                  | 590         |
| varwidth        | A variable-width minipage                                                        | Arseneau                                     | 145         |
| vaucanson-g     | PSTricks macros for drawing automata                                             | Lombardy, Sakarovitch                        | 340         |
| vc              | The vc (version control) bundle                                                  | Hennig, Hieber                               | 271         |
| vcell           | Vertical alignment of content inside table cells                                 | Dionne                                       | 206         |
| vdm             | Typesetting VDM schemas                                                          | Wolczko                                      | 575         |
| vdmlisting      | Typesetting VDM in ASCII syntax                                                  | Lausdahl                                     | 330         |
| vector          | LaTeX macros for vectors                                                         | Efford                                       | 214         |
| vectorlogos     | Vectorial logos (GeoGebra, Emacs, Scratch, ...) with ‘inline’ support            | Pierquet                                     | 418         |
| venn            | Creating Venn diagrams with MetaPost                                             | Hefferon                                     | 266         |
| venndiagram     | Creating Venn diagrams with TikZ                                                 | Talbot                                       | 511         |
| venturisADF     | Venturis ADF fonts collection                                                    | Harendal, Rees                               | 264         |
| verbasef        | VERBatim Automatic Splitting of External Files                                   | Thompson                                     | 523         |
| verbatim-gen    | Generic macros for setting text verbatim                                         | Taylor                                       | 514         |
| verbatim-pln    | Define new verbatim “environments” in Plain T <sub>E</sub> X                     | Unknown                                      | 542         |
| verbatim-tub    | Plain T <sub>E</sub> X macros for verbatim                                       | Beeton                                       | 156         |
| verbatim        | Reimplementation of and extensions to L <sup>A</sup> T <sub>E</sub> X verbatim   | Schöpf, L <sup>A</sup> T <sub>E</sub> X Team | 469         |
| verbatimbox     | Deposit verbatim text in a box                                                   | Segletes                                     | 475         |
| verbatimcopy    | Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X        | Madsen, Diez                                 | 354         |
| verbdef         | Define commands which expand to verbatim text                                    | Fairbairns, Carlisle                         | 221         |
| verbinp         | “8-bit” verbatim                                                                 | Perske                                       | 414         |
| verbments       | Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents  | Zivković                                     | 591         |
| verbtex         | Verbatim, interpreting non-ascii text                                            | Perske                                       | 414         |
| verbtim2        | Verbatim listings in Plain T <sub>E</sub> X                                      | Morgan                                       | 375         |
| verdana         | Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X        | Daems                                        | 199         |
| verifica        | Typeset (Italian high school) exercises                                          | Dossena                                      | 208         |
| verifiche       | A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests | Raccanello                                   | 432         |
| verifycommand   | Verifies definitions are unchanged, such as before patching                      | Dunn                                         | 212         |
| verse           | Aids for typesetting simple verse                                                | Robertson, Wilson                            | 447         |
| version         | Conditionally include text                                                       | Bellantoni, Arseneau                         | 158         |
| versions        | Optionally omit pieces of text                                                   | Lück                                         | 348         |
| versionotes     | Display brief notes on verso pages                                               | Gray                                         | 252         |
| vertbars        | Mark vertical rules in margin of text                                            | Robertson, Wilson                            | 447         |
| vertex          | Styles for economics working papers and journals                                 | Varian                                       | 545         |
| vexillology     | Vexillological symbols                                                           | Hammond                                      | 260         |
| vf-howto        | Tutorial on creating virtual fonts                                               | Schmitz                                      | 467         |
| vf-knuth        | Knuth on virtual fonts                                                           | Knuth                                        | 312         |
| vfcomb          | VF author support                                                                | Berdnikov                                    | 159         |
| vfinst          | Virtual font installation support                                                | Hoening                                      | 274         |
| vfware          | Tools for virtual font metrics                                                   | Knuth                                        | 312         |
| vgrid           | Overlay a grid on the printed page                                               | Lawrence                                     | 331         |
| vhistory        | Support for creating a change log                                                | Wertenuer                                    | 569         |
| vicentino       | Vicentino fonts                                                                  | Kraml, Kilfiger                              | 319         |
| vietnet         | Preprocessor and macros for Vietnamese                                           | Tran                                         | 527         |
| viipart         | 7pt-article class                                                                | Zadka                                        | 586         |
| viking          | Scandinavian runic alphabet as used by the Vikings                               | Zimmermann                                   | 590         |
| vispeech        | Using Bell’s Visible Speech alphabet                                             | Shoulson                                     | 481         |

| <i>Package</i> | <i>Caption</i>                                                                          | <i>Author</i>           | <i>Page</i> |
|----------------|-----------------------------------------------------------------------------------------|-------------------------|-------------|
| visualFAQ-fr   | FAQ $\LaTeX$ visuelle francophone                                                       | Just                    | 292         |
| visualFAQ      | A Visual $\LaTeX$ FAQ                                                                   | Pakin                   | 407         |
| VisualPSTricks | Visual help for PSTricks based on images with minimum text                              | Casteleyn               | 184         |
| visualtex      | A $\TeX$ -oriented visual editor for Windows platforms                                  | Romanenko               | 450         |
| VisualTikZ     | Visual help for TikZ based on images with minimum text                                  | Casteleyn               | 184         |
| visuالتoks     | Typeset $\TeX$ book-style visualisations of token lists                                 | Unknown                 | 542         |
| vita           | Configurable class for curricula vitarum                                                | Brodnik                 | 171         |
| vita209        | A Curriculum Vitae style                                                                | Border                  | 166         |
| vmargin        | Set various page dimensions                                                             | Kuhlmann                | 323         |
| vmspell        | A spell-checker for VMS systems                                                         | Fairbairns, Carlisle    | 221         |
| vmeps          | Metrics for using Type 1 fonts available in VMS                                         | Knappen                 | 309         |
| vnտex-nonfree  | URW Classico and URW Garamond extended for Vietnamese                                   | Kotucha                 | 319         |
| vnտex          | Support for Vietnamese                                                                  | Thánh, Lemberg, Kotucha | 520         |
| vocaltract     | Visualise the vocal tract using $\LaTeX$ and PSTricks                                   | Ververidis              | 548         |
| volumes        | Typeset only parts of a document, with complete indexes etc.                            | Küster                  | 325         |
| voss-mathcol   | Typesetting mathematics in colour, in (La)TeX                                           | Voß                     | 560         |
| voss-mathmode  | A comprehensive review of mathematics in (La)TeX                                        | Voß                     | 560         |
| vowel          | Draw vowel charts for phonetic research                                                 | Rei                     | 438         |
| vpage          | Set page sizes                                                                          | Kuhlmann                | 323         |
| vpe            | Source specials for PDF output                                                          | Oberdiek                | 398         |
| vplutils       | Manipulate (virtual) property lists                                                     | Duggan                  | 211         |
| vpp            | View and (selectively) Print PDF and PostScript                                         | Dekker                  | 203         |
| vrb            | Verbatim macros in plain $\TeX$                                                         | van der Laan            | 326         |
| vrbexin        | Verbatim input support                                                                  | Thompson                | 524         |
| vrסion         | Add version number to a DVI file                                                        | Dahlgren                | 199         |
| vruler         | Numbering text                                                                          | Jiang                   | 289         |
| vscodeicons    | Use vscode icons through $\LaTeX$ commands                                              | Pierquet                | 418         |
| VSliTeX        | Virtual invisible fonts for use with $\LaTeX$ Slides class                              | Koellner                | 313         |
| vtable         | Vertical alignment of table cells                                                       | Paciorek                | 404         |
| VTeX/Free      | TeX system and PDF support for Linux and OS/2                                           | MicroPress              | 367         |
| vtex           | View $\TeX$ output on an ASCII-only terminal                                            | Wolfe                   | 575         |
| vvcode         | Reliable encoder for binary files via email                                             | Kempson                 | 297         |
| vwcol          | Variable-width multiple text columns                                                    | Robertson               | 444         |
| vxu            | Document classes for Vaxjo University                                                   | Nyqvist                 | 392         |
| <b>WWW</b>     |                                                                                         |                         |             |
| w-a-schmidt    | A collection of metrics for commercial fonts                                            | Schmidt, Harcombe       | 466         |
| w32tex         | A comprehensive $\TeX$ system for Windows                                               | Kakuto                  | 293         |
| wadalab        | Wadalab (Japanese) font packages                                                        | Lemberg                 | 335         |
| wallcalendar   | A wall calendar class with custom layouts                                               | Bhikkhu                 | 161         |
| wallpaper      | Easy addition of wallpapers (background images) to $\LaTeX$ documents, including tiling | Wilkinson               | 571         |
| wargame        | A $\LaTeX$ package to prepare hex'n'counter wargames                                    | Holm Christensen        | 191         |
| warning        | Global warnings at the end of the logfile                                               | Harders                 | 264         |
| warpcol        | Relative alignment of rows in numeric columns in tabulars                               | Rochester               | 447         |
| was            | A collection of small packages by Walter Schmidt                                        | Schmidt, Harcombe       | 466         |
| wasy-type1     | Type 1 versions of wasy fonts                                                           | Hoekwater, Sharpe       | 274         |
| wasy           | The wasy fonts (Waldi symbol fonts)                                                     | Waldi                   | 563         |
| wasysym        | LaTeX support for the wasy fonts                                                        | Kielhorn                | 301         |
| watermark      | Draw “watermarks” on the output page                                                    | Rozhenko                | 457         |
| weave          | Generate $\TeX$ source from web                                                         | Knuth                   | 312         |
| web            | The original literate programming system                                                | Knuth                   | 312         |
| Web2C          | Conversion programs and supporting code to compile $\TeX$ in C                          | Weber, $\TeX$ Live      | 566         |
| web2w          | Converting $\TeX$ from WEB to cweb                                                      | Ruckert                 | 457         |
| web9pt         | Nine-point web listings                                                                 | Unknown                 | 542         |
| webcomp-errata | Errata list for The $\LaTeX$ Web Companion                                              | Goossens, Rahtz         | 248         |

| <i>Package</i>     | <i>Caption</i>                                                   | <i>Author</i>          | <i>Page</i> |
|--------------------|------------------------------------------------------------------|------------------------|-------------|
| webfiles           | Include CWEB and/or Spidery WEB $\LaTeX$                         | Potse                  | 423         |
| webguide           | Brief guide to $\LaTeX$ tools for Web publishing                 | Wilson                 | 574         |
| webmacss           | Use sans serif font in Web listings                              | Unknown                | 542         |
| webomints          | Webomints font support                                           | Loreti                 | 345         |
| WebQuiz            | Write interactive web based quizzes                              | Mathas                 | 359         |
| weekday            | Generate “day of week”                                           | Vulis                  | 562         |
| weiqi              | Use $\LaTeX$ 3 to typeset Weiqi (Go)                             | Unknown                | 542         |
| whatsnote          | A $\LaTeX$ class for taking notes in science, engineering, etc.  | Xia                    | 579         |
| wheelchart         | Diagrams with circular or other shapes using TikZ and $\LaTeX$ 3 | Floré                  | 230         |
| wheretotrim        | Assist in reducing $\LaTeX$ document page counts                 | Pakin                  | 407         |
| wichura-table      | Table macros for plain $\TeX$ (and $\LaTeX$ )                    | Wichura, Carlisle      | 570         |
| widetable          | An environment for typesetting tables of specified width         | Beccari                | 154         |
| widows-and-orphans | Identify (typographic) widows and orphans                        | Mittelbach             | 372         |
| wiggly             | Draw wiggly lines under text                                     | Garavelli              | 238         |
| wiki               | Use Wiki-style markup in a $\LaTeX$ document                     | Lück                   | 348         |
| williams           | Miscellaneous macros by Peter Williams                           | Williams               | 571         |
| willowtreebook     | Easy basic book class, built on memoir                           | McKay                  | 364         |
| win32-emacs-auctex | Ready-to-use Emacs and AucTeX for Windows                        | Kotucha                | 319         |
| window             | Create windows in paragraphs                                     | Schalück               | 461         |
| windvi             | MS-Windows DVI viewer                                            | Popineau               | 423         |
| windycity          | A Chicago style for BibLaTeX                                     | Chase                  | 186         |
| WinEdt             | MS-Windows shell and editor for $\TeX$                           | Simonic                | 484         |
| winemtex           | EmTeX for windows                                                | Unknown                | 542         |
| Winfonts           | Use fonts distributed with Windows XP                            | Pichaureau             | 414         |
| winlatex           | FrontEnd for $\TeX$ , Win98/NT, needs Microsoft VisualBasic-DLLs | Reinhardt              | 439         |
| winshell           | A MS-Windows32 user interface for $\TeX$                         | de Boer                | 164         |
| WinTeX XP          | A Win32 $\TeX$ Editor with the MS Office look and feel           | Muecke                 | 377         |
| withargs           | In-place argument substitution                                   | Helvensteijn           | 269         |
| witharrows         | “Aligned” math environments with arrows for comments             | Pantigny               | 408         |
| withesis           | University of Wisconsin-Madison Thesis $\LaTeX$ Class            | Benedict               | 158         |
| wmaainf            | BibTeX style for Abteilung für Angewandte Informatik             | Müller                 | 377         |
| wmf2eps            | Windows metafile conversion                                      | Schulter               | 471         |
| wmf2epsc           | Windows metafile conversion                                      | Schulter               | 471         |
| wncyr              | University of Washington cyrillic fonts                          | The AMS                | 521         |
| wnri-latex         | LaTeX support for wnri fonts                                     | Pandey                 | 408         |
| wnri               | Ridgeway’s fonts                                                 | Ridgeway, Pandey       | 441         |
| wntamil            | Tamil to $\TeX$ converter                                        | Unknown                | 542         |
| wochtag            | Generate the German weekday name for a date                      | Schrell                | 469         |
| Woff2OT            | Woff to OpenType converter                                       | Frane Jr               | 292         |
| word2latex         | A translator from MS Word to $\LaTeX$ documents                  | de Boer                | 164         |
| word2tex           | Convert $\TeX$ /MSWord to $\LaTeX$                               | Chikrii                | 190         |
| word2x             | Word 6 format converter                                          | Simpson                | 484         |
| wordcloud          | Drawing wordclouds with MetaPost and Lua                         | Chupin                 | 192         |
| wordcount          | Estimate the number of words in a $\LaTeX$ document              | Downes                 | 208         |
| wordle             | Create wordle grids                                              | Mathas, Pierquet       | 359         |
| wordlike           | Simulating word processor layout                                 | Fenn                   | 224         |
| WordML2LaTeX       | XSLT to transform a WordML file to a $\LaTeX$ 2e source          | Dambra                 | 200         |
| wordweb            | Literate programming using Microsoft Word                        | Wittenberg, Mc Kearney | 575         |
| worksheet          | Easy creation of worksheets                                      | Zöllner                | 591         |
| worldflags         | Drawing flags with TikZ                                          | Haager                 | 257         |
| wotree             | Draw Warnier/Orr diagrams                                        | Gurari                 | 257         |
| WP2LaTeX           | Convert WordPerfect documents to $\LaTeX$                        | Fojtik                 | 231         |
| wrapfig            | Produces figures which text can flow around                      | Arseneau               | 145         |
| wrapfig2           | Wrap text around figures                                         | Beccari                | 154         |
| wrapstuff-doc-en   | English version of the wrapstuff package documentation           | Wu                     | 578         |

| <i>Package</i>   | <i>Caption</i>                                                                                           | <i>Author</i>                                    | <i>Page</i> |
|------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| wrapstuff        | Wrapping text around stuff                                                                               | Lee                                              | 332         |
| wright           | Define commands with optional arguments                                                                  | Unknown                                          | 542         |
| WriteOnGrid      | Write on grid lines                                                                                      | Pierquet                                         | 418         |
| wrtfile          | Write T <sub>E</sub> X files from a T <sub>E</sub> X document                                            | Smith                                            | 486         |
| wsemclassic      | LaTeX class for Bavarian school w-seminar papers                                                         | Rosenberger                                      | 452         |
| wsuipa           | International Phonetic Alphabet fonts                                                                    | Guenther                                         | 256         |
| wsuipa2tipa      | Translate wsuipa font commands into tipa font commands                                                   | Kleiweg                                          | 307         |
| WTRef            | Extend L <sup>A</sup> T <sub>E</sub> X's cross-reference system                                          | Asakura                                          | 145         |
| <b>XXXXX</b>     |                                                                                                          |                                                  |             |
| xargs            | Define commands with many optional arguments                                                             | Pégourié-Gonnard                                 | 412         |
| xarticle         | A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options                      | Unknown                                          | 542         |
| xassocnt         | Associated counters stepping simultaneously                                                              | Hupfer                                           | 281         |
| xbibfile         | Create and search BibTeX databases                                                                       | Maloney                                          | 356         |
| xbibtex          | An X-Windows utility for adding to a BibTeX database                                                     | Kelly, Bischof                                   | 297         |
| xbmks            | Create a cross-document bookmark tree                                                                    | Story                                            | 499         |
| xcharter-math    | XCharter-based OpenType Math font for LuaTeX and XeTeX                                                   | Flipo                                            | 229         |
| XCharter         | Extension of Bitstream Charter fonts                                                                     | Sharpe                                           | 479         |
| xcite            | Use citation keys from a different document                                                              | Gregorio                                         | 254         |
| xcjk2uni         | Convert CJK characters to Unicode, in pdfTeX                                                             | Lee                                              | 332         |
| xcmr             | A crossed-out version of Computer Modern                                                                 | Unknown                                          | 542         |
| xcntperchap      | Track the number of subsections etc. that occur in a specified track-level                               | Hupfer                                           | 281         |
| xcoffins         | Rich boxed material for L <sup>A</sup> T <sub>E</sub> X 3                                                | L <sup>A</sup> T <sub>E</sub> X Team             | 428         |
| xcolor-material  | Defines the 256 colors from Google Material Color Palette                                                | Órdenes                                          | 402         |
| xcolor-solarized | Defines the 16 colors from Ethan Schoonover's Solarized palette                                          | Cretel                                           | 197         |
| xcolor           | Driver-independent color extensions for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX                     | Kern, L <sup>A</sup> T <sub>E</sub> X Team       | 297         |
| xcomment         | Allows selected environments to be included/excluded                                                     | Van Zandt, Voß                                   | 587         |
| xcookybooky      | Typeset (potentially long) recipes                                                                       | Harder                                           | 262         |
| xcpdftips        | Natbib citations with PDF tooltips                                                                       | Kocic                                            | 312         |
| xdoc             | Extending the L <sup>A</sup> T <sub>E</sub> X doc system                                                 | Hellström                                        | 268         |
| xduthesis        | XeLaTeX template for writing Xidian University Thesis                                                    | Qi                                               | 431         |
| xduts            | Xidian University T <sub>E</sub> X Suite                                                                 | Unknown                                          | 542         |
| xdvi             | A DVI previewer for the X Window System                                                                  | Vojta                                            | 554         |
| xebaposter       | Create beautiful scientific Persian/Latin posters using TikZ                                             | Razavian                                         | 437         |
| xexchangebar     | An extension of package exchangebar that can be used with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X | Syropoulos                                       | 505         |
| xecjk            | Support for CJK documents in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                              | Lee, Liu, Sun, Jiang                             | 332         |
| xecolor          | Support for color in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                                      | Khalighi, bidi-tex GitHub Organisation           | 299         |
| xecolour         | Support for colour in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                                     | Khalighi, bidi-tex GitHub Organisation           | 299         |
| xecyr            | Using Cyrillic languages in XeTeX                                                                        | Shipunov                                         | 481         |
| xecyrmongolian   | Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX                    | Syropoulos                                       | 505         |
| xeindex          | Automatic index generation for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                            | Isambert, Robbers                                | 284         |
| xellipsis        | Extremely configurable ellipses with formats for various style manuals                                   | Goodman                                          | 247         |
| xepersian-hm     | Fixes kashida feature in xepersian package                                                               | Movahhedian                                      | 376         |
| XePersian        | Persian for L <sup>A</sup> T <sub>E</sub> X, using LuaTeX or XeTeX                                       | Khalighi, bidi-tex GitHub Organisation           | 299         |
| xesearch         | A string finder for XeTeX                                                                                | Isambert, Robbers                                | 284         |
| xesoul           | Use the soul package with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                                 | Syropoulos                                       | 505         |
| xespotcolor      | Spot colours support for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X                                  | Syropoulos, Elstner                              | 505         |
| XeT-TeX          | A bi-directional version of T <sub>E</sub> X                                                             | MacKay                                           | 353         |
| xetal            | Strip T <sub>E</sub> X constructs from a file                                                            | Cerf                                             | 185         |
| xetex-def        | Colour and graphics support for XeTeX                                                                    | Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team | 374         |
| xetex-devanagari | XeTeX input map for Unicode Devanagari                                                                   | Stender                                          | 494         |



| <i>Package</i>  | <i>Caption</i>                                                           | <i>Author</i>                                | <i>Page</i> |
|-----------------|--------------------------------------------------------------------------|----------------------------------------------|-------------|
| xetex-greek     | Hyphenation for different variants of Greek, under XeTeX                 | Syropoulos                                   | 505         |
| xetex-ittrans   | Itrans input maps for use with Xe <sub>Λ</sub> TeX                       | Abhinandan, Rao                              | 136         |
| xetex-pstricks  | Running PSTricks under XeTeX                                             | Shigeru                                      | 480         |
| xetex-tibetan   | XeTeX input maps for Unicode Tibetan                                     | Stender                                      | 494         |
| xetex           | An extended variant of TeX for use with Unicode sources                  | Kew, Rosendahl, Hosny, TeXLive               | 298         |
| xetexfontinfo   | Report font features in XeTeX                                            | Kew                                          | 298         |
| xetexko         | Typeset Korean with Xe(La)TeX                                            | Kim                                          | 302         |
| XeTeXref        | Reference documentation of XeTeX                                         | Robertson, Berry                             | 444         |
| xevlua          | Insert non-breakable spaces using XeTeX                                  | Wagner                                       | 563         |
| xfakebold       | Fake a regular font for bold characters                                  | Voß                                          | 560         |
| xfig            | XWindows vector drawing program                                          | Smith                                        | 485         |
| xfor            | A reimplementaion of the TeX for-loop macro                              | Talbot                                       | 511         |
| xfp             | Interface to the TeX3 floating point unit                                | TeX Team                                     | 428         |
| xfrac           | Split-level fractions                                                    | Høgholm, Madsen, Robertson, Wright, TeX Team | 277         |
|                 |                                                                          | TeX Team                                     | 428         |
| xgalley         | Control text feeding onto the page                                       | Syropoulos                                   | 505         |
| xgreek          | Greek Language Support for Xe <sub>Λ</sub> TeX and LuaLaTeX              | Voß                                          | 560         |
| xhfill          | Extending \hrulefill                                                     | Noirel                                       | 390         |
| xifthen         | Extended conditional commands                                            | Carlisle                                     | 181         |
| xii-lat         | Christmas silliness (Latin)                                              | Carlisle                                     | 181         |
| xii             | Christmas silliness (English)                                            | Snapp                                        | 486         |
| Ximera          | Write online interactive content in TeX                                  | Voß                                          | 560         |
| xindex          | Unicode-compatible index generation                                      | Khalighi, bidi-tex GitHub                    | 299         |
| xindy-persian   | Support for the Persian language in xindy                                | Organisation                                 |             |
| xindy           | A general-purpose index processor                                        | Kehr, Schrod                                 | 296         |
| xint-regression | Classic regressions, with xint                                           | Pierquet                                     | 418         |
| xint            | Expandable arbitrary precision floating point and integer operations     | Burnol                                       | 176         |
| xintsession     | Interactive computing sessions (fractions, floating points, polynomials) | Burnol                                       | 176         |
| xistercian      | Cistercian numerals in TeX                                               | Spratte                                      | 491         |
| xits            | A Scientific Times-like font with support for mathematical typesetting   | Hosny                                        | 279         |
| xkcdcolors      | xkcd names of colors                                                     | Giannetti                                    | 241         |
| xkeymask        | An extension of xkeyval with a mask                                      | Ramachandra                                  | 435         |
| xkeyval         | Extension of the keyval package                                          | Carlisle, Adriaens                           | 182         |
| xkvltxp         | Provision for expandable macros in package options                       | Adriaens                                     | 137         |
| xkvview         | Xkeyval viewer                                                           | Adriaens                                     | 137         |
| xl2latex        | Convert Excel (97 and above) tables to TeX tabulars                      | Buchmann                                     | 173         |
| xlatex          | A TeX/LaTeX shell for X-windows                                          | Dragone                                      | 208         |
| xlop            | Calculates and displays arithmetic operations                            | Charpentier                                  | 186         |
| xltable         | Longtable support with possible X-column specifier                       | Voß, Niepraschk                              | 561         |
| xltxtra         | “Extras” for TeX users of XeTeX                                          | Robertson                                    | 444         |
| xmeaning        | Enhanced implementation of the \meaning primitive                        | Dao                                          | 201         |
| xml2pmx         | Convert MusicXML to PMX and MusiXTeX                                     | Spivey, Glötzel, Tennent                     | 490         |
| xmlplay         | Typeset Shakespeare’s plays as marked up by Bosak                        | Kilfiger                                     | 301         |
| xmltex          | Support for parsing XML documents                                        | Carlisle                                     | 182         |
| xmpincl         | Include eXtensible Metadata Platform data in pdfLaTeX                    | Sneep                                        | 486         |
| xmthesis        | XMU thesis style                                                         | Cao                                          | 179         |
| xnewcommand     | Define \global and \protected commands with \newcommand                  | Noirel                                       | 390         |
| xoptarg         | Expandable macros that take an optional argument                         | Noirel                                       | 390         |
| xparse          | A generic document command parser                                        | TeX Team                                     | 428         |
| xpatch          | Extending etoolbox patching commands                                     | Gregorio                                     | 254         |
| xpdf            | Viewing and manipulating PDF files                                       | Noonburg                                     | 390         |

| <i>Package</i> | <i>Caption</i>                                                                       | <i>Author</i>                            | <i>Page</i> |
|----------------|--------------------------------------------------------------------------------------|------------------------------------------|-------------|
| xpdfopen       | Commands to control PDF readers, under X11                                           | Diamond, Hoekwater, Popineau             | 205         |
| xpeek          | Define commands that peek ahead in the input stream                                  | Salomon                                  | 459         |
| xpeekahead     | A simple way for peeking ahead after commands and environments                       | Frigeri                                  | 236         |
| xpiano         | An extension of the piano package                                                    | Gregorio                                 | 254         |
| xpicture       | Extensions of $\LaTeX$ picture drawing                                               | Fuster                                   | 237         |
| xpinyin        | Automatically add pinyin to Chinese characters                                       | Lee                                      | 332         |
| xprintlen      | Print $\TeX$ lengths in a variety of units                                           | Huang                                    | 280         |
| xpunctuate     | Process trailing punctuation which may be redundant                                  | Ratcliffe                                | 436         |
| xq             | Support for writing about xiangqi                                                    | Weinhold, Pipping                        | 567         |
| xr-hyper       | Inter-document hyper-references                                                      | Carlisle, Oberdiek Package Support Group | 182         |
| xr             | References to other $\LaTeX$ documents                                               | Carlisle, Drucbert, $\LaTeX$ Team        | 182         |
| xrefwarn       | Only one warning for an undefined citation                                           | Verwer                                   | 548         |
| xreview        | Reviewing $\LaTeX$ documents made easy(er)                                           | Peri                                     | 413         |
| xsavbox        | Saveboxes for repeating content without code replication, based on PDF Form XObjects | Grahn                                    | 250         |
| xsim           | eXercise Sheets IMproved                                                             | Niederberger                             | 387         |
| xsipa          | Short XSAMPA-based commands for IPA transcription in $\LaTeX$                        | Akpoué                                   | 138         |
| xskak          | An extension to the skak package for chess typesetting                               | Fischer                                  | 228         |
| xspace         | Define commands that appear not to eat spaces                                        | Carlisle, Høgholm, $\LaTeX$ Team         | 182         |
| xstacks        | Dedicated global stacks implementations                                              | Frigeri                                  | 236         |
| xstring        | String manipulation for (La)TeX                                                      | Tellechea                                | 515         |
| xtab           | Break tables across pages                                                            | Robertson, Wilson                        | 447         |
| xtcpts         | Defining language-dependent text macros                                              | Fricke                                   | 234         |
| xtem           | An X11 $\TeX$ menu built on Tcl/Tk                                                   | Lamprecht, Lotz, Weibezahn               | 328         |
| xtemplate      | A high-level interface for declaring document commands                               | $\LaTeX$ Team                            | 428         |
| xtexcad        | Simple drawing program for $\LaTeX$ use                                              | Sixt, Zitzmann                           | 484         |
| XteXShell      | A shell/editor                                                                       | Hofmann                                  | 275         |
| xtrcode        | Extract contents of $\LaTeX$ environments                                            | Ruedas                                   | 457         |
| xtufte         | Extend the tufte document classes to run with unicode-aware engines                  | Voß                                      | 560         |
| xtuthesis      | XTU thesis template                                                                  | Dongdong                                 | 207         |
| xunicode       | Generate Unicode characters from accented glyphs                                     | Moore                                    | 374         |
| xurl           | Allow URL breaks at any alphanumerical character                                     | Voß                                      | 560         |
| xwatermark     | Graphics and text watermarks on selected pages                                       | Musa                                     | 381         |
| xwpick         | Pick an image from an X display                                                      | Chernyaev                                | 188         |
| xyling         | Draw syntactic trees, etc., for linguistics literature, using xy-pic                 | Vogel                                    | 554         |
| xymatrix       | Commutative diagrams using XY-pic                                                    | Rose, Moore                              | 451         |
| xymtex         | Typesetting chemical structures                                                      | Fujita                                   | 237         |
| xypic-tut-pt   | A tutorial for XY-pic, in Portuguese                                                 | Campani                                  | 179         |
| xypic          | Flexible diagramming macros                                                          | Rose, Moore                              | 451         |
| xytree         | Tree macros using XY-Pic                                                             | Un                                       | 532         |
| <b>YYYYY</b>   |                                                                                      |                                          |             |
| yacco2         | Multi-threaded LR(1) compiler/compiler that emits literate grammar documents         | Bone                                     | 164         |
| yafoot         | A bundle of miscellaneous footnote packages                                          | Khalighi, Nakashima                      | 300         |
| yagusylo       | A symbol loader                                                                      | Henel                                    | 270         |
| yaletter       | Extremely flexible macros for letters, envelopes, and label sheets                   | Goodman                                  | 247         |
| YAMLvars       | A YAML parser and tool for easy $\LaTeX$ definition creation                         | Ewasiuk                                  | 220         |
| yandy          | TUG release of Y and Y's $\TeX$ distribution                                         | Ma, Horn                                 | 353         |
| yannisgr       | Greek fonts by Yannis Haralambous                                                    | Haralambous, Thull                       | 262         |
| yathesis       | A $\LaTeX$ class for writing a thesis following French rules                         | Bitouzé                                  | 162         |

| <i>Package</i>     | <i>Caption</i>                                                                         | <i>Author</i>         | <i>Page</i> |
|--------------------|----------------------------------------------------------------------------------------|-----------------------|-------------|
| yax                | Yet Another Key System                                                                 | Isambert, Robbers     | 284         |
| yazd-thesis        | A template for the Yazd University                                                     | Damanafshan           | 200         |
| yb-book            | Template for YB Branded Books                                                          | Bugayenko             | 175         |
| ycbook             | A versatile book class                                                                 | Cherem                | 188         |
| ydoc               | Macros for documentation of $\LaTeX$ classes and packages                              | Scharrer              | 463         |
| Yet-Another-Gui... | A short guide to using $\LaTeX$ 2e to typeset high quality documents                   | Morris                | 375         |
| yfonts-otf         | OpenType version of the Old German fonts designed by Yannis Haralambous                | Flipo                 | 229         |
| yfonts-t1          | Old German-style fonts, in Adobe type 1 format                                         | Bronger, Haralambous  | 172         |
| yfonts             | Support for old German fonts                                                           | Schmidt, Preining     | 467         |
| yfrak              | Old German Fraktur font                                                                | Haralambous           | 262         |
| ygoth              | Old German Gothic font                                                                 | Haralambous           | 262         |
| ymath              | Extended maths fonts for $\LaTeX$                                                      | Haralambous, Preining | 262         |
| yi4latex           | Yi (Southern Chinese) support                                                          | Corff                 | 195         |
| yinit-as           | Additions to Yannis Haralambous' Old German decorative initials                        | Schrell               | 469         |
| yinit-otf          | OTF conversion of Yannis Haralambous' Old German decorative initials                   | Haralambous           | 262         |
| yinit              | Old German decorative initials                                                         | Haralambous           | 262         |
| york-thesis        | A thesis class file for York University, Toronto                                       | Gall                  | 238         |
| young              | Young tableaux                                                                         | Knappen, Wormer       | 309         |
| youngtab           | Typeset Young-Tableaux                                                                 | Börchers              | 165         |
| yplan              | Daily planner type calendar                                                            | Nickalls, Harders     | 385         |
| yquant             | Typesetting quantum circuits in a human-readable language                              | Desef                 | 204         |
| Ysabeau            | Ysabeau fonts with $\LaTeX$ support for traditional $\TeX$ engines                     | Merino Hernández      | 271         |
| yswab              | Old German Schwabacher font                                                            | Haralambous           | 262         |
| yt4pdf             | Play YouTube videos in a PDF                                                           | Story                 | 499         |
| ytableau           | Many-featured Young tableaux and Young diagrams                                        | Reich                 | 438         |
| ytex               | Macro package developed at MIT                                                         | Brotsky               | 172         |
| <b>ZZZZZ</b>       |                                                                                        |                       |             |
| zaccone            | Different configuration for different captions                                         | Unknown               | 542         |
| zahl2string        | Format numbers as German words                                                         | Sauer                 | 460         |
| zblbuild           | Help with the choice of a BibLaTeX style and options                                   | Milanese              | 368         |
| zbmath-review-t... | Template for a zbMATH Open review                                                      | Beckenbach            | 154         |
| zebra-goodies      | A collection of handy macros for paper writing                                         | Xue                   | 581         |
| zeckendorf         | Knuth Fibonacci multiplication, Zeckendorf and Bergman representations of big integers | Burnol                | 176         |
| zed-csp            | Typesetting Z and CSP format specifications                                            | Davies, Spivey        | 201         |
| zed                | Typeset Z specifications                                                               | Spivey                | 490         |
| zefonts            | Virtual fonts to provide T1 encoding from existing fonts                               | Fuster, Kahn          | 237         |
| zennote            | Streamline your note-taking process!                                                   | Liang                 | 337         |
| zero               | Start list (etc.) numbering at zero                                                    | Verhoeff              | 547         |
| zhlineskip         | Line spacing for CJK documents                                                         | Zhang                 | 589         |
| zhlipsum           | Chinese dummy text                                                                     | Zeng                  | 588         |
| zhmakeindex        | Makeindex replacement for Chinese users                                                | Liu                   | 339         |
| zhmCJK             | Simplify configuration of CJK installations for Chinese                                | Liu                   | 339         |
| zhmetrics-uptex    | Chinese font metrics for upTeX                                                         | Liu                   | 339         |
| zhmetrics          | TFM subfont files for using Chinese fonts in 8-bit $\TeX$                              | Wang, Wu              | 565         |
| zhnumber           | Typeset Chinese representations of numbers                                             | Lee                   | 332         |
| zhspacing          | Spacing for mixed CJK-English documents in XeTeX                                       | Dian, Lee             | 205         |
| ziffer             | Conversion of punctuation in maths mode                                                | Väth                  | 546         |
| zigaretten         | Propaganda and mind-numbing for cigarette addicts                                      | Lachaume              | 327         |
| zip                | Barcodes for USA ZIP code                                                              | Smith                 | 486         |
| zitie              | Create CJK character calligraphy practicing sheets                                     | Unknown               | 542         |
| zlmitt             | Use Latin Modern Typewriter fonts                                                      | Sharpe                | 479         |
| zootaxa-bst        | A BibTeX style for the journal Zootaxa                                                 | Ballen                | 148         |

| Package      | Caption                                                                         | Author          | Page |
|--------------|---------------------------------------------------------------------------------|-----------------|------|
| zref-check   | Flexible cross-references with contextual checks based on zref                  | Unknown         | 542  |
| zref-clever  | Clever $\LaTeX$ cross-references based on zref                                  | Unknown         | 543  |
| zref-vario   | Extended $\LaTeX$ page cross-references with varioref and zref-clever           | Unknown         | 543  |
| zref         | A new reference scheme for $\LaTeX$                                             | Oberdiek        | 398  |
| ZUGFeRD      | ZUGFeRD and Faktur-X invoicing using $\LaTeX$                                   | Peischl         | 413  |
| zwgetfdate   | Get package or file date                                                        | Wagner          | 563  |
| zwpagelayout | Page layout and crop-marks                                                      | Wagner          | 563  |
| zx-calculus  | A library to typeset ZX Calculus diagrams                                       | Colisson        | 194  |
| zxjafbfont   | Fallback CJK font support for xeCJK                                             | Yato            | 584  |
| ZXjafont     | Set up Japanese font families for $X_{\text{La}}\TeX$                           | Yato            | 584  |
| ZXjatype     | Standard conforming typesetting of Japanese, for $X_{\text{La}}\TeX$            | Yato            | 584  |
| ZzTeX        | A full-featured $\TeX$ macro package for producing books, journals, and manuals | Anagnostopoulos | 140  |

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texsurgery>
- Ankargren, Sebastian. *The statmath package. A  $\LaTeX$  package for simple use of statistical notation.* 2018-04-29. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/statmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statmath>
- Annagurban, Nazar. *The turkmen package. Babel support for Turkmen.* 2016-06-24. Version 0.2. LICENSE: lppl. The package provides support for Turkmen in , but integration with babel is not available.  
URL: <https://ctan.org/pkg/turkmen>  
MIRROR: <https://mirror.ctan.org/language/turkmen>
- Antman, Peter. *The oxford package. A BibTeX style geared for use in the humanities.* 2025-10-29. LICENSE: nosell. The style implements the Oxford style interpreted through the eye of a Swede working in the field of the history of ideas. It is based on and a heavily hacked bst-file generated with custom-bib. It currently only supports and and only in abbreviation mode.  
URL: <https://ctan.org/pkg/oxford>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/oxford>
- Antos, David. *The TVS package. TeX Versioning System.* 2016-06-24. Version 1.28. LICENSE: gpl  
URL: <https://ctan.org/pkg/tvs>  
MIRROR: <https://mirror.ctan.org/support/TVS>
- Aonuma, Shuji. *The calorie package. Calorie checking for dieters.* 2016-06-24. Version 1.3. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/calorie>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/calorie.sty>
- Aplevich, Dwight. *The Circuit\_macros package. M4 macros for electric circuit diagrams.* 2025-09-02. Version 10.9. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/circuit-macros>  
MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)
- Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files.* 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but can process more than one change file at the same time.  
URL: <https://ctan.org/pkg/knit>  
MIRROR: <https://mirror.ctan.org/web/knit>



- Arapura, Donu. *The Array Maker package. A program for making  $\text{\LaTeX}$  and xypic arrays*. 2016-06-24. LICENSE: other-free. This program is designed to take some of the tedium out of constructing arrays, diagrams and tables.  $\text{\LaTeX}$  code is entered into boxes and the program outputs an array that can be pasted into a  $\text{\LaTeX}$  file. This is written in ( $\geq 8.0$ ) (most Unix/Linux systems have .  
URL: <https://ctan.org/pkg/arraymaker>  
MIRROR: <https://mirror.ctan.org/support/arraymaker>
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URL: <https://ctan.org/pkg/cluttex>  
MIRROR: <https://mirror.ctan.org/support/cluttex>
- Araujo, Lauro César. *The abntex2 package. Typeset technical and scientific Brazilian documents based on ABNT rules*. 2018-11-25. Version 1.9.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/abntex2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/strands>
- Arellano, Gonzalo Medina. *The background package. Placement of background material on pages of a document*. 2018-01-06. Version 2.1. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/background>
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URL: <https://ctan.org/pkg/fancypar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
- Argañaraz, Gustavo Sebastián Bustamante. *The MakeCirc package. A MetaPost library for drawing electrical circuit diagrams*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/makecirc>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
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URL: <https://ctan.org/pkg/babel-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>
- Arnold, Jeffrey B. *The lstbayes package. Listings language driver for Bayesian modeling languages*. 2018-07-07. LICENSE: lppl1.3. The package provides language drivers for the package for several languages not included in that package: BUGS, JAGS, and Stan.  
URL: <https://ctan.org/pkg/lstbayes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>
- Arnold, Tim. *The longfigure package. Provides a figure-like environment that break over pages*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/longfigure>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
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URL: <https://ctan.org/pkg/gloss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
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MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
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URL: <https://ctan.org/pkg/braket>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>
- *The cancel package. Place lines through maths formulae*. 2016-06-24. Version 2.2. LICENSE: pd  
URL: <https://ctan.org/pkg/cancel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>



- Arseneau, Donald. *The cases package. Numbered cases environment*. 2020-04-03. Version 3.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cases>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cases>
- *The chapterbib package. Multiple bibliographies in a document*. 2016-06-24. Version 1.17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chapterbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite package. Improved citation handling in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 5.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite-bundle package. Citation management bundle*. 2016-06-24. LICENSE: other-free. A collection of packages related to managing citations:  
 URL: <https://ctan.org/pkg/cite-bundle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The dotseqn package. Flush left equations with dotted leaders to the numbers*. 2016-06-24. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dotseqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>
  - *The drftcite package. Print the bibliography in “draft” mode*. 2025-07-20. Version 3.91. LICENSE: other-free  
 URL: <https://ctan.org/pkg/drftcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>
  - *The framed package. Framed or shaded regions that can break across pages*. 2016-06-24. Version 0.96. LICENSE: other-free  
 URL: <https://ctan.org/pkg/framed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/framed>
  - *The fwlw package. Get first and last words of a page*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/fwlw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
  - *The import package. Establish input relative to a directory*. 2020-04-03. Version 6.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/import>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/import>
  - *The longdiv package. Long division arithmetic problems*. 2020-04-11. Version 1. LICENSE: pd. Work out and print integer long division problems. Use: . The numerator and denominator (divisor and dividend) must be integers, and the quotient is an integer too. leaves the remainder from the division at the bottom of its diagram of the problem.  
 URL: <https://ctan.org/pkg/longdiv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/longdiv.tex>
  - *The magaz package. Magazine layout*. 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/magaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magaz>
  - *The nolbreaks package. No line breaks in text*. 2016-06-24. Version 1.2. LICENSE: pd. Use to prevent line breaks in “some text”. This has the advantage over that glue (rubber space) remains flexible. Most common cases are handled here ( is disabled, for example) but spaces hidden in macros or can still create break-points.  
 URL: <https://ctan.org/pkg/nolbreaks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc*. 2025-07-19. LICENSE: pd. If you have commands in -like commands, or in , the citation will also appear in the table of contents, or list of whatever. If you are also using an unsrt-like bibliography style, these citations will come at the very start of the bibliography, which is confusing. This package suppresses the effect.  
 URL: <https://ctan.org/pkg/notoccite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
  - *The nth package. Generate English ordinal numbers*. 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
 URL: <https://ctan.org/pkg/nth>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document*. 2016-06-24. Version 2.2b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/optional>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/optional>

- Arseneau, Donald. *The oubraces package. Braces over and under a formula*. 2016-06-24. LICENSE: other-free. Provides a means to interleave and in the same formula.  
 URL: <https://ctan.org/pkg/oubraces>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
- *The overcite package. Compressed lists of superscript numerical citations*. 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
 URL: <https://ctan.org/pkg/overcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement*. 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
 URL: <https://ctan.org/pkg/placeins>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place*. 2016-06-24. Version 2.0. LICENSE: pd. This  $\TeX$  file provides various mechanisms (for plain  $\TeX$  and close relatives) to let insertions (footnotes, topins, pageins, etc.) float within their appropriate section, but to prevent them from intruding into the following section, even when sections do not normally begin a new page. (If your sections normally begin a new page, just use to flush out insertions.)  
 URL: <https://ctan.org/pkg/placeins-plain>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>
  - *The random package. Generating “random” numbers in  $\TeX$* . 2020-04-15. Version 0.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/random>  
 MIRROR: <https://mirror.ctan.org/macros/generic/random>
  - *The removefr package. Remove from counter-reset lists*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/removefr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>
  - *The sansmath package. Maths in a sans font*. 2016-06-24. Version 1.1. LICENSE: pd. The package defines a new math version , and a command that behaves somewhat like  
 URL: <https://ctan.org/pkg/sansmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sansmath>
  - *The selectp package. Select pages to be output*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/selectp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selectp>
  - *The shapepar package. A macro to typeset paragraphs in specific shapes*. 2023-12-28. Version 2.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/shapepar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shapepar>
  - *The tabs package. Better vertical spacing in tables and arrays*. 2016-06-24. Version 3.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tabs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabs>
  - *The tabto-generic package. “Tab” to a measured position in the line*. 2025-07-20. LICENSE: pd. moves the typesetting position to from the left margin of the paragraph. If the typesetting position is already further along, starts a new line.  
 URL: <https://ctan.org/pkg/tabto-generic>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/tabto.tex>
  - *The tabto-ltx package. “Tab” to a measured position in the line*. 2019-03-05. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabto-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabto>
  - *The threeparttable package. Tables with captions and notes all the same width*. 2016-06-24. LICENSE: other-free. Provides a scheme for tables that have a structured note section, after the caption. This scheme provides an answer to the old problem of putting footnotes in tables — by making footnotes entirely unnecessary. Note that a is not a float of itself; but you can place it in a or a environment, if necessary.  
 URL: <https://ctan.org/pkg/threeparttable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttable>
  - *The titleref package. A “titleref” command to cross-reference section titles*. 2025-07-20. Version 3.1. LICENSE: pd. Defines a command that allows you to cross-reference section (and chapter, etc) titles and captions just like and . The package does not interwork with ; if you need hypertext capabilities, use instead.  
 URL: <https://ctan.org/pkg/titleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titleref>

- Arseneau, Donald. *The truncate package. Truncate text to a specified width.* 2016-06-24. Version 3.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/truncate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/truncate>
- *The ulem package. Package for underlining.* 2020-01-10. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ulem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ulem>
  - *The underscore package. Control the behaviour of “\_” in text.* 2025-07-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/underscore>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underscore>
  - *The url package. Verbatim with URL-sensitive line breaks.* 2016-06-24. Version 3.4. LICENSE: lppl. The command is a form of verbatim command that allows linebreaks at certain characters or combinations of characters, accepts reconfiguration, and can usually be used in the argument to another command. (The command provides robust commands that serve in cases when doesn’t work in an argument.) The command is intended for email addresses, hypertext links, directories/paths, etc., which normally have no spaces, so by default the package ignores spaces in its argument. However, a package option “allows spaces”, which is useful for operating systems where spaces are a common part of file names.  
 URL: <https://ctan.org/pkg/url>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/url>
  - *The varindent package. Make paragraph indentation match the length of the line above.* 2016-06-24. LICENSE: noinfo. The package will cause paragraphs to indent to the same position as the end of the last line of the previous paragraph, unless the resulting position would take you to within of the end of the line.  
 URL: <https://ctan.org/pkg/varindent>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/varindent.tex>
  - *The varwidth package. A variable-width minipage.* 2018-01-06. Version 0.92. LICENSE: lppl  
 URL: <https://ctan.org/pkg/varwidth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/varwidth>
  - *The wrapfig package. Produces figures which text can flow around.* 2021-12-30. Version 3.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/wrapfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig>
- Arseneau, Donald and Johannes L. Braams. *The subeqn package. Package for subequation numbering.* 2025-10-28. Version 2.0c. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/subeqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subeqn>
- Artime, Carlos Enrique Carleos, Luis Rivera, and Daniel Vela. *The lshort-spanish package. Short introduction to  $\LaTeX$ , Spanish translation.* 2016-06-24. Version 0.5. LICENSE: other-free. A Spanish translation of the , version 20.  
 URL: <https://ctan.org/pkg/lshort-spanish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/spanish>
- Asakura, Takuto. *The BXghost package. Ghost insertion for proper xkanjiskip.* 2023-02-25. Version 0.5.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxghost>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxghost>
- *The BXjaholiday package. Support for Japanese holidays.* 2025-11-11. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjaholiday>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaholiday>
  - *The gotoh package. An implementation of the Gotoh sequence alignment algorithm.* 2017-07-07. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/gotoh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gotoh>
  - *The Light  $\LaTeX$  Make package. llmk: A build tool for  $\LaTeX$  documents.* 2023-03-08. Version 1.2.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/light-latex-make>  
 MIRROR: <https://mirror.ctan.org/support/light-latex-make>
  - *The platexcheat package. A  $\LaTeX$  cheat sheet, in Japanese.* 2025-07-20. Version 3.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/platexcheat>  
 MIRROR: <https://mirror.ctan.org/info/latexcheat/platexcheat>
  - *The WTRef package. Extend  $\LaTeX$ ’s cross-reference system.* 2023-12-24. Version 1.0.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/wtref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wtref>
- Asakura, Takuto, Thomas Esser, Manuel Pégourié-Gonnard, and The TeX Live Team. *The texdoc package. Documentation access for  $\TeX$  Live.* 2025-02-11. Version 4.1.1. LICENSE: gpl. is a Lua script providing easy access to the documentation in  $\TeX$  Live: PDF,

DVI, plain text files, and more. Viewing and other configuration can be extensively customized. It is distributed with ; provides a program by the same name to do the same job, but its implementation is unrelated.

URL: <https://ctan.org/pkg/texdoc>

MIRROR: <https://mirror.ctan.org/support/texdoc>

Ashton, James. *The indxcite package. Generate author index based on citations*. 2016-06-24. Version 1.1. LICENSE: other-nonfree. A package to automatically generate an Author Index based on citations made using BibTeX. It requires the use of the and packages and L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>.

URL: <https://ctan.org/pkg/indxcite>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/indxcite>

— *The saferef package. Safer references through strong typing of references*. 2016-06-24. Version 1.0. LICENSE: other-free

URL: <https://ctan.org/pkg/saferef>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/saferef>

Association GUTenberg. *The faq-fr-gutenberg package. Sources of the GUTenberg French L<sup>A</sup>T<sub>E</sub>X FAQ and PDF files*. 2024-12-22. LICENSE: cc-by-sa-4

URL: <https://ctan.org/pkg/faq-fr-gutenberg>

MIRROR: <https://mirror.ctan.org/help/faq-fr-gutenberg>

— *The letgut package. Class for the newsletter “La Lettre GUTenberg” of the French T<sub>E</sub>X User Group GUTenberg*. 2025-10-26. Version 0.9.13. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/letgut>

MIRROR: <https://mirror.ctan.org/macros/luatex/latex/letgut>

Atkinson, Kevin. *The aspell package. Spell checker*. 2019-10-31. Version 0.60.8. LICENSE: gpl2

URL: <https://ctan.org/pkg/aspell>

MIRROR: <https://mirror.ctan.org/support/aspell>

— *The ispell package. Multi-platform spell checker*. 2020-09-09. Version 3.3.02. LICENSE: other-free

URL: <https://ctan.org/pkg/ispell>

MIRROR: <https://mirror.ctan.org/support/ispell>

Atkinson, Matthew Tylee and Iain Phillips. *The gcite package. Citations in a reader-friendly style*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/gcite>

MIRROR: <https://mirror.ctan.org/macros/latex/exptl/gcite>

Atria, Matias. *The mdvi package. A DVI previewer*. 2025-11-11. LICENSE: gpl

URL: <https://ctan.org/pkg/mdvi>

MIRROR: <https://mirror.ctan.org/dviware/mdvi>

Aubord, Alain. *The codepage package. Support for variant code pages*. 2016-06-24. LICENSE: other-free. The package provides a mechanism for inputting non-ASCII text. Nowadays, the job is mostly done by the package in the L<sup>A</sup>T<sub>E</sub>X distribution.

URL: <https://ctan.org/pkg/codepage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codepage>

— *The MathTrip package. A trip to the wonderful world of mathematics*. 2022-10-02. Version 2.8. LICENSE: nocommercial,lppl,bsd

URL: <https://ctan.org/pkg/mathtrip>

MIRROR: <https://mirror.ctan.org/info/mathtrip>

Aurbach, R L, Fred Hantelmann, and Stefano Ianigro. *The glotex package. A glossary processor*. 2016-06-24. Version 2.1. LICENSE: nosell

URL: <https://ctan.org/pkg/glotex>

MIRROR: <https://mirror.ctan.org/indexing/glo+idxtex>

— *The idxtex package. An index processor*. 2016-06-24. Version 3.1. LICENSE: nosell

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MIRROR: <https://mirror.ctan.org/indexing/glo+idxtex>

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URL: <https://ctan.org/pkg/bnumexpr>  
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URL: <https://ctan.org/pkg/pxgrees>  
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  - *The tableof package. Tagging tables of contents*. 2024-09-17. Version 1.4d. LICENSE: lppl1.3. The package provides the commands to flag chapters or sections (or anything else destined to become a TOC line). The command specifies which tags are to be required and which ones are to be excluded by the next (or equivalent) command. In a document that uses a class where may only be used once, the command may be used to provide several tables.  
URL: <https://ctan.org/pkg/tableof>  
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URL: <https://ctan.org/pkg/texdimens>  
MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
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URL: <https://ctan.org/pkg/txgrees>  
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URL: <https://ctan.org/pkg/edmargin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edmargin>
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URL: <https://ctan.org/pkg/endheads>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endheads>
  - *The poemscol package. Typesetting Critical Editions of Poetry*. 2020-08-09. Version 3.1415926. LICENSE: lppl1.3c. The package offers L<sup>A</sup>T<sub>E</sub>X macros for typesetting critical editions of poetry. Its features include automatic linenumbering, generation of separate endnotes sections for emendations, textual collations, and explanatory notes, special marking for cases in which page breaks occur during stanza breaks, running headers of the form ‘Notes to pp. –’ for the notes sections, index of titles and first lines, and automatic generation of a table of contents.  
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- Burton, Terry and Herbert Voß. *The pst-barcode package. Print barcodes using PostScript*. 2025-12-13. Version 0.20. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-barcode>
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MIRROR: <https://mirror.ctan.org/info/lshort/slovak>
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URL: <https://ctan.org/pkg/dinbrief-gui>  
MIRROR: <https://mirror.ctan.org/support/dinbrief-gui>
- Busdraghi, Fabiano. *The Layaureo package. A package to improve the A4 page layout*. 2016-06-24. Version 0.2. LICENSE: lppl. This package produces a wide page layout for documents that use A4 paper size. Moreover, LayAureo provides both a simple hook for leaving an empty space which is required if pages are bundled by a press binding (use option ), and an option called big which it forces typearea to become maximum.  
URL: <https://ctan.org/pkg/layaureo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
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URL: <https://ctan.org/pkg/bussproofs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
- Buxbaum, Engelbert. *The alchemist package. Typeset alchemist and astrological symbols*. 2023-04-10. Version 1.00. LICENSE: gpl,lppl  
URL: <https://ctan.org/pkg/alchemist>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/alchemist>
- *The biochemistry-colors package. Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry*. 2017-06-05. Version 1.00. LICENSE: lppl,gpl  
URL: <https://ctan.org/pkg/biochemistry-colors>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>



- Buxbaum, Engelbert. *The css-colors package. Named colors for web-safe design*. 2018-01-06. Version 1.02. LICENSE: lppl,gpl. This package defines web-safe colors for use with D.P. Carlisle's package. It is intended for both authors and package writers (e.g. to create color themes).  
 URL: <https://ctan.org/pkg/css-colors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/css-colors>
- *The latex-course package. A L<sup>A</sup>T<sub>E</sub>X course as a projected presentation*. 2016-06-24. Version 2. LICENSE: gpl. A brief Beamer-based slide presentation on L<sup>A</sup>T<sub>E</sub>X, based on , which the author has translated to English and taken to L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>e/Beamer. Additional material was taken from the .  
 URL: <https://ctan.org/pkg/latex-course>  
 MIRROR: <https://mirror.ctan.org/info/latex-course>
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 URL: <https://ctan.org/pkg/i-ching>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
- *The tweb package. A web system for T<sub>E</sub>X macro sources*. 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing T<sub>E</sub>X macro sources.  
 URL: <https://ctan.org/pkg/tweb>  
 MIRROR: <https://mirror.ctan.org/web/tweb>
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 MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>
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 URL: <https://ctan.org/pkg/ladder>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
- Cagnol, John. *The mrcheckbib package. A BibT<sub>E</sub>X file verification tool*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mrcheckbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics*. 2024-10-27. Version 3.36. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/kpfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/kpfonts>
- Cain, Alan J. *The indextra package. Enhanced index typesetting*. 2025-11-11. Version 0.21.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/indextra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/indextra>
- *The marginalia package. Non-floating marginal content with automatic placement for LuaL<sup>A</sup>T<sub>E</sub>X*. 2026-01-02. Version 0.83.20. LICENSE: lppl1.3c. This LuaL<sup>A</sup>T<sub>E</sub>X package allows the placement of marginal content anywhere, without 's limits, and automatically adjusts positions to prevent overlaps or content being pushed off the page, and offers key–value settings that allow fine-grained customization.  
 URL: <https://ctan.org/pkg/marginalia>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/marginalia>
- *The timechart package. A package for drawing chronological charts*. 2025-11-11. Version 0.56.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/timechart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/timechart>
- Callegari, Sergio. *The draftwatermark package. Put a grey textual watermark on document pages*. 2024-03-04. Version 3.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/draftwatermark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>
- *The everypage package. Provide hooks to be run on every page of a document*. 2020-10-18. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everypage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everypage>
- *The flippdf package. Horizontal flipping of pages with pdfL<sup>A</sup>T<sub>E</sub>X*. 2020-10-27. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/flippdf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flippdf>

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 URL: <https://ctan.org/pkg/rotpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
- Callil-Soares, Pedro. *The tikzviolinplots package. Draws violin plots from data*. 2025-09-30. Version 0.10.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikzviolinplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
- Calvani, Massimo. *The prepr package. Preprint macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prepr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf*. 2016-06-24. Version 1.40. LICENSE: lppl. This package provides a command much like hyperref’s that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn’t allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
 URL: <https://ctan.org/pkg/breakurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
- Campani, Carlos. *The beamer-tut-pt package. An introduction to the Beamer class, in Portuguese*. 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/beamer-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
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 URL: <https://ctan.org/pkg/cursolatex>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
- *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese*. 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xypic-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
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 URL: <https://ctan.org/pkg/biblatex-enc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
- Cannayen, Igathinathane. *The ndsu-thesis-2022 package. North Dakota State University disquisition class 2022*. 2022-07-15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
- Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (LaTeX 2.09)*. 2025-12-05. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drop>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
- Cao, Camuse. *The xmuthesis package. XMU thesis style*. 2020-10-12. Version 0.4.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xmuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
- Cappelletti, Luca. *The adigraph package. Augmenting directed graphs*. 2024-03-05. Version 1.7.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/adigraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
- *The lectures package. A document class for quickly drafting nice looking lecture notes*. 2025-03-15. Version 1.0.7. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X documentclass provides a number of gimmicks to draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .  
 URL: <https://ctan.org/pkg/lectures>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>
- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals*. 2016-06-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>

- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle’s small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle’s more substantial packages stand on their own, or as part of the  $\LaTeX$  set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to  $\LaTeX$  tables*. 2025-05-22. Version 1.0k. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dotlessj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>
  - *The elocalloc package. Local allocation macros for  $\LaTeX$  2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the  $\LaTeX$  2015 allocation macros.  
 URL: <https://ctan.org/pkg/elocalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>
  - *The fix2col package. Fix miscellaneous two column mode features*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fix2col>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fix2col>
  - *The fragments package. Fragments of  $\LaTeX$  code*. 2018-09-13. LICENSE: collection  
 URL: <https://ctan.org/pkg/fragments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The graphics-pln package. LaTeX-style graphics for Plain  $\TeX$  users*. 2024-06-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. LaTeX standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in  $\LaTeX$ , including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hhline package. Better horizontal lines in tabulars and arrays*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hhline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The latex-context-ppctex package. Legacy stub to allow loading pictex as m-pictex*. 2023-03-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-context-ppctex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-context-ppctex>
  - *The ltxtable package. Longtable and tabularx merge*. 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing  $\LaTeX$  command robust*. 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.  
 URL: <https://ctan.org/pkg/makerobust209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
  - *The mylatex package. Make a format containing a document’s preamble*. 2025-12-05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mylatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
  - *The nopageno package. No page numbers in  $\LaTeX$  documents*. 2016-06-24. LICENSE: lppl.  $\LaTeX$ ’s standard styles use two page styles, one on normal pages and one on ‘opening’ pages with or , etc. Unfortunately there is only easy access to changing one of these two so if you want something other than ‘plain’ on the opening pages you must use on each such page. The package does

provide a more flexible interface, but if you just want an empty page style on all pages then this package will do the job.

URL: <https://ctan.org/pkg/nopageno>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>

Carlisle, David. *The plain-ltx package. Make plain  $\TeX$  files  $\LaTeX$ able*. 2022-03-14. LICENSE: lppl

URL: <https://ctan.org/pkg/plain-ltx>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>

— *The pslatex package. Use PostScript fonts by default*. 2023-06-25. Version 1.3. LICENSE: lppl

URL: <https://ctan.org/pkg/pslatex>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pslatex>

— *The pspicture package. PostScript picture support*. 2016-06-24. LICENSE: lppl. A replacement for  $\LaTeX$ 's picture macros, that uses PostScript commands. The package is now largely superseded by .

URL: <https://ctan.org/pkg/pspicture>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pspicture>

— *The remreset package. Remove counters from reset list*. 2022-03-14. LICENSE: lppl

URL: <https://ctan.org/pkg/remreset>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>

— *The scalefnt package. Rescale fonts to arbitrary sizes*. 2022-03-14. LICENSE: lppl

URL: <https://ctan.org/pkg/scalefnt>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>

— *The showkeys package. Show label, ref, cite and bib keys*. 2024-06-02. Version 3.21. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/showkeys>

MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>

— *The slashed package. Put a slash through characters*. 2022-03-14. LICENSE: lppl

URL: <https://ctan.org/pkg/slashed>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>

— *The tabulary package. Tabular with variable width columns balanced*. 2024-06-06. Version 0.11. LICENSE: lppl. The package defines a -like environment, , taking a 'total width' argument as well as the column specifications. The environment uses column types , , and for variable width columns ( , , and normally justified). In contrast to 's X columns, the width of each column is weighted according to the natural width of the widest cell in the column.

URL: <https://ctan.org/pkg/tabulary>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>

— *The textcase package. Case conversion ignoring mathematics, etc*. 2025-07-19. Version 1.05. LICENSE: lppl

URL: <https://ctan.org/pkg/textcase>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textcase>

— *The type1cm package. Arbitrary size font selection in  $\LaTeX$* . 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/type1cm>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/type1cm>

— *The typehtml package. Typeset HTML directly from  $\LaTeX$* . 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/typehtml>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typehtml>

— *The typewriter package. Typeset with a randomly variable monospace font*. 2025-02-11. Version 1.3. LICENSE: lppl. The package uses the , together with a LuaTeX virtual font setup that introduces random variability in grey level and angle of each character. It was originally an .

URL: <https://ctan.org/pkg/typewriter>

MIRROR: <https://mirror.ctan.org/macros/luatex/latex/typewriter>

— *The ucharcat package. Implementation of the (new in 2015)  $\XeTeX$  \Ucharcat command in lua, for LuaTeX*. 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the \Ucharcat command for LuaLaTeX. is a new primitive in  $\XeTeX$ , an extension of the existing command, that allows the specification of the catcode as well as character code of the character token being constructed.

URL: <https://ctan.org/pkg/ucharcat>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>

— *The xii package. Christmas silliness (English)*. 2017-11-14. LICENSE: lppl

URL: <https://ctan.org/pkg/xii>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii>

— *The xii-lat package. Christmas silliness (Latin)*. 2017-11-20. LICENSE: lppl

URL: <https://ctan.org/pkg/xii-lat>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>

- Carlisle, David. *The xmltex package. Support for parsing XML documents.* 2025-11-11. Version 0.8. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xmltex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/formats/xmltex/base>
- Carlisle, David and Hendri Adriaens. *The xkeyval package. Extension of the keyval package.* 2025-11-05. Version 2.10. LICENSE: lppl1.3.  
 This package is an extension of the package and offers additional macros for setting keys and declaring and setting class or package options. The package allows the programmer to specify a prefix to the name of the macros it defines for keys, and to define families of key definitions; these all help use in documents where several packages define their own sets of keys.  
 URL: <https://ctan.org/pkg/xkeyval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
- Carlisle, David and Karl Berry. *The miniltx package. An abstract of  $\text{\LaTeX}$  facilities for use with Plain  $\text{\TeX}$ .* 2024-06-20. LICENSE: lppl.  
 Part of the collection which allows the use of  $\text{\LaTeX}$ 's graphics, colour, and picture mode commands in plain  $\text{\TeX}$  based formats.  
 URL: <https://ctan.org/pkg/miniltx>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/miniltx.tex>
- Carlisle, David, Peter Breitenlohner, and  $\text{\LaTeX}$  Project. *The etex-pkg package. E- $\text{\TeX}$  support package.* 2017-04-18. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/etex-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etex-pkg>
- Carlisle, David, Jean-Pierre Drucbert, and  $\text{\LaTeX}$  Project. *The xr package. References to other  $\text{\LaTeX}$  documents.* 2025-06-09. Version 6.00. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Robin Fairbairns. *The maths-symbols package. Summary of mathematical symbols available in  $\text{\LaTeX}$ .* 2017-04-18. Version 3.4. LICENSE: lppl1.2. A predecessor of the , covering mathematical symbols available in standard  $\text{\LaTeX}$  (including the AMS symbols, if available at compile time).  
 URL: <https://ctan.org/pkg/maths-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/math>
- Carlisle, David, Morten Høgholm, and  $\text{\LaTeX}$  Project. *The xspace package. Define commands that appear not to eat spaces.* 2023-06-09. Version 1.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David, David Kastrup, and  $\text{\LaTeX}$  Project. *The longtable package. Allow tables to flow over page boundaries.* 2025-10-31. Version 4.24. LICENSE: lppl1.3c  
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- *The ycbook package. A versatile book class.* 2021-03-09. LICENSE: lppl1.3c. This class is intended to be an interpretation of the class which is a part of the package. The classes are simple, yet powerful and customizable classes that allow the end-user to customize the layout of headers, headings etc. They also have the benefit of being more economic in space than the most common L<sup>A</sup>T<sub>E</sub>X classes, while keeping a clear appearance and a smooth flow.  
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 URL: <https://ctan.org/pkg/universa>  
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 URL: <https://ctan.org/pkg/mk>  
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- Dekker, Wybo H. *The mkipic package*. Perl interface to mfpic. 2025-10-03. Version 1.03. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.



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 URL: <https://ctan.org/pkg/aro-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>
- *The cmdtrack package. Check used commands.* 2016-06-24. LICENSE: lppl1. The package keeps track of whether a command defined in a document preamble is actually used somewhere in the document. After the package is loaded in the preamble of a document, all (and similar command definitions) between that point and the beginning of the document will be marked for logging. At the end of the document a report of command usage will be printed in the T<sub>E</sub>X log, for example:  
 URL: <https://ctan.org/pkg/cmdtrack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>
  - *The dialogl package. Macros for constructing interactive E<sub>T</sub><sub>E</sub>X scripts.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dialogl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dialogl>
  - *The patchcmd package. Change the definition of an existing command.* 2016-06-24. Version 1.05. LICENSE: lppl. The package provides a command that can be used to add material at the beginning and/or the end of the replacement text of an existing macro. It works for macros with any number of normal arguments, including those that were defined with .  
 URL: <https://ctan.org/pkg/patchcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/patchcmd>
  - *The showdim package. Variants on printing dimensions.* 2016-06-24. Version 1.2. LICENSE: lppl. A package for E<sub>T</sub><sub>E</sub>X providing a number of commands for printing the value of a T<sub>E</sub>X dimension. For example, yields the current value of rounded to the nearest tenth of a point.  
 URL: <https://ctan.org/pkg/showdim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showdim/showdim.sty>
  - *The wordcount package. Estimate the number of words in a E<sub>T</sub><sub>E</sub>X document.* 2016-06-24. Version 1.7. LICENSE: lppl. The package provides a relatively easy way of estimating the number of words in a E<sub>T</sub><sub>E</sub>X document that does not require or other DVI converters. It does however require something like Unix that can search a file for a particular string and report the number of matching lines. An accompanying shell script contains more information in its comments.  
 URL: <https://ctan.org/pkg/wordcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wordcount>
- Downes, Michael J., Morten Høgholm, Lars Madsen, Will Robertson, and Joseph Wright. *The breqn package. Automatic line breaking of displayed equations.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/breqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- *The mathstyle package. Manage mathematics typesetting style.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mathstyle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Downes, Michael J. and Peter R. Wilson. *The around-the-bend package. Typeset exercises in T<sub>E</sub>X, with answers.* 2016-06-24. LICENSE: lppl. This is a typeset version of the files of the , plus three extra questions (with their answers) that Michael Downes didn't manage to get onto CTAN.  
 URL: <https://ctan.org/pkg/around-the-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/AroBend>
- Dragone, Mario. *The xlatex package. A T<sub>E</sub>X/LaTeX shell for X-windows.* 2016-06-24. Version 3.3c. LICENSE: other-free  
 URL: <https://ctan.org/pkg/xlatex>  
 MIRROR: <https://mirror.ctan.org/support/xlatex>
- Drakos, Nikos, Ross Moore, Daniel Gildea, Paulo Ney de Souza, and Roland Stigge. *The latex2html package. Convert E<sub>T</sub><sub>E</sub>X into HTML documents.* 2025-11-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/latex2html>
- Drechsler, Patrick. *The pst-pad package. Draw simple attachment systems with PSTricks.* 2018-09-15. Version 0.3b. LICENSE: lppl. The package collects a set of graphical elements based on that can be used to facilitate display of attachment systems such as two differently shaped surfaces with or without a fluid wedged in between. These macros ease the display of wet adhesion models

- and common friction systems such as boundary lubrication, elastohydrodynamic lubrication and hydrodynamic lubrication.  
 URL: <https://ctan.org/pkg/pst-pad>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pad>
- Dreher, Simon. *The IMTEKda package. IMTEK thesis class*. 2016-06-24. Version 1.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/imtekda>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imtekda>
- Dreuw, Philippe and Thomas Deselaers. *The beamerposter package. Extend beamer and a0poster for custom sized posters*. 2024-07-25. Version 1.13. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/beamerposter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamerposter>
- Drews, Aaron. *The pfdicons package. Draw process flow diagrams in chemical engineering*. 2021-07-28. Version 1.0a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pfdicons>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pfdicons>
- Dreyer, Alexander. *The namespc package. Rudimentary C++-like namespaces in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/namespc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/namespc>
- Droms, Ralph. *The txt package. Output documents via terminals, line printers, etc.* 2025-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/txt>  
 MIRROR: <https://mirror.ctan.org/support/txt>
- Drucbert, Jean-Pierre. *The export package. Import and export values of L<sup>A</sup>T<sub>E</sub>X registers*. 2016-06-24. Version 1.8. LICENSE: lppl  
 URL: <https://ctan.org/pkg/export>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/export>
- *The fepslatex package. French version of “graphics in L<sup>A</sup>T<sub>E</sub>X”*. 2025-07-20. LICENSE: gpl. This is the French translation of , and describes how to use imported graphics in L<sup>A</sup>T<sub>E</sub>X(2e) documents.  
 URL: <https://ctan.org/pkg/fepslatex>  
 MIRROR: <https://mirror.ctan.org/info/epslatex/french>
  - *The minitoc package. Produce a table of contents for each chapter, part or section*. 2021-10-31. Version 62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/minitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minitoc>
  - *The regcount package. Display the allocation status of the T<sub>E</sub>X registers*. 2016-06-24. Version 1.0. LICENSE: lppl. Adds a macro which displays the allocation status of the T<sub>E</sub>X registers. The display is written into the .log file as it is a bit verbose. An automatic call to is done at and .  
 URL: <https://ctan.org/pkg/regcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regcount>
  - *The shorttoc package. Table of contents with different depths*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shorttoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>
  - *The tabbing package. Tabbing with accented letters*. 2021-06-28. LICENSE: lppl1. By default, some of the tabbing environment’s commands clash with default accent commands; L<sup>A</sup>T<sub>E</sub>X provides the odd commands , etc., to deal with the clash. The package offers a variant of the tabbing environment which does not create this difficulty, so that users need not learn two sets of accent commands.  
 URL: <https://ctan.org/pkg/tabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
  - *The translation-array-fr package. French translation of the documentation of array*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-array-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
  - *The translation-booktabs-fr package. French translation of the documentation of booktabs*. 2016-06-24. LICENSE: lppl. A french translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
  - *The translation-dcolumn-fr package. French translation of the documentation of dcolumn*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>

- Drucbert, Jean-Pierre. *The translation-tabbings-fr package. French translation of the documentation of Tabbings*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/translation-tabbings-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
- Drucbert, Jean-Pierre and Patrick W. Daly. *The translation-natbib-fr package. French translation of the documentation of natbib*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-natbib-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
- Drucbert, Jean-Pierre and Mathieu Goutelle. *The booktabs-fr package. French translation of booktabs documentation*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- Dryllerakis, K J. *The kdgreek package. Greek fonts and macros*. 2016-06-24. Version 3.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/kdgreek>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/kd>
- Du, Sicheng. *The gradient-text package. Decorate text with linear gradient colors*. 2025-11-11. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gradient-text>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradient-text>
- *The maze package. Generate random mazes*. 2025-11-11. Version 1.2. LICENSE: lppl1.3c. This package can generate random square mazes of a specified size. The mazes generated by this package are natural and their solution is not too obvious. The output it based on the environment.  
 URL: <https://ctan.org/pkg/maze>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
- Duan, Charles. *The randtext package. Randomise the order of characters in strings*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/randtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
- *The switcheml package. Obfuscate email addresses (now obsolete)*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/switcheml>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>
- Dübendorfer, Marco. *The grafik package. EPS graphics under Windows*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/grafik>  
 MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)
- Duchi, Claudio. *The datetime2-it-fulltext package. Italian full text styles for the datetime2 package*. 2016-06-24. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
- Duchier, Denys. *The bigtabular package. Tabulars that can split at page boundaries*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bigtabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
- *The secret package. Put security classification marks in a document*. 2026-01-04. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/secret>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>
- Dudebout, Nicolas. *The matrix-skeleton package. A PGF/TikZ library that simplifies working with multiple matrix nodes*. 2022-11-14. Version 1.1. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.  
 URL: <https://ctan.org/pkg/matrix-skeleton>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dvibook>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- *The PBMtoPK package. Conversion between PBM and PK formats*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pbmtopk>  
 MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- Duggan, Angus. *The PicTeXsum package. A summary of PicTeX commands*. 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <https://www.picTeX.net/>), the document is a useful

- aide-memoire for those who have read the manual.  
 URL: <https://ctan.org/pkg/pictexsum>  
 MIRROR: <https://mirror.ctan.org/info/pictex/summary>
- *The psmerge package. Concatenate PostScript files.* 2016-06-24. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psmerge>
  - *The psutils package. PostScript utilities.* 2021-08-26. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psutils>
  - *The vplutils package. Manipulate (virtual) property lists.* 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
 URL: <https://ctan.org/pkg/vplutils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dujardin, Julien. *The callouts-box package. Provides visually appealing callout boxes.* 2025-03-15. Version 1.1. LICENSE: lppl1.3. This package provides a collection of visually appealing, structured callout boxes for  $\LaTeX$  documents. These boxes are useful for highlighting important information such as warnings, errors, notes, and success messages. The package is built on top of for highly customizable, breakable callout boxes and for predefined color schemes.  
 URL: <https://ctan.org/pkg/callouts-box>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/callouts-box>
- Dumont, Bastien. *The crossrefenum package. Smart typesetting of enumerated cross-references for various  $\TeX$  formats.* 2025-08-08. Version 1.2. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/crossrefenum>  
 MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>
- Dunbar, Maria Bekker-Nielsen. *The chicagolinks package. “Chicago” bibliography style that allows annotations.* 2025-10-29. Version 2.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/chicagolinks>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicagolinks>
- Dungs, Kevin. *The fontmfizz package. Font Mfizz icons for use in  $\LaTeX$ .* 2025-05-21. LICENSE: mit  
 URL: <https://ctan.org/pkg/fontmfizz>  
 MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>
- Dunn, Brian. *The docsurvey package. A survey of  $\LaTeX$  documentation.* 2024-03-23. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/docsurvey>  
 MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files.* 2024-01-20. Version 1.09. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dtxdescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats.* 2024-01-12. Version 2.09. LICENSE: lppl1.3. The keyfloat package provides a key/value user interface for quickly creating figures with a single image each, figures with arbitrary contents, tables, subfloats, rows of floats, floats located [H]ere, floats in the [M]argin, and floats with text [W]rapped around them. Key/value combinations may specify a caption and label, a width proportional to \linewidth, a fixed width and/or height, rotation, scaling, a tight or loose frame, an \arraystretch, a continued float, additional supplemental text, and an artist/author’s name with automatic index entry. When used with the tocdata package, the name also appears in the List of Figures. Floats may be placed into a row environment, and are typeset to fit within the given number of columns, continuing to the next row if necessary. Nested sub-rows may be used to generate layouts such as two small figures placed vertically next to one larger figure. Subfloats are supported by two environments.  
 URL: <https://ctan.org/pkg/keyfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyfloat>
  - *The labelschanged package. Identify labels which cause endless “may have changed” warnings.* 2024-01-12. Version 1.01. LICENSE: pd  
 URL: <https://ctan.org/pkg/labelschanged>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
- Dunn, Brian. *The lwarp package. Converts  $\LaTeX$  to HTML.* 2025-12-10. Version 0.920. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lwarp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>

- *The metalogox package. Adjust  $\TeX$  logos, with font detection.* 2025-01-23. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/metalogox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>
- *The tocdata package. Adds names to chapters, sections, figures in the TOC and LOF.* 2024-01-20. Version 2.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tocdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocdata>
- *The verifycommand package. Verifies definitions are unchanged, such as before patching.* 2025-03-07. Version 1.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/verifycommand>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verifycommand>
- Dupuis, Étienne. *The igo package. Fonts and macro to typeset Go diagrams.* 2016-06-24. Version 0.62. LICENSE: lppl1.3. This package is based on the package written in 1991 by Hanna Kołodziejska which provides typesetting facilities for Go games and positions. Although igo contains roughly the same commands as the original package and uses the fonts created by Kołodziejska, it has been improved in a number of ways. It uses command names less likely to conflict with standard AMS packages. It allows different board sizes to be used. It understands a standardized notation for board coordinates. And it provides a facility to work on more than one board. Moreover, a few commands were reworked to define positions or game sequences more conveniently.  
 URL: <https://ctan.org/pkg/igo>  
 MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in  $\LaTeX$  documents.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
 URL: <https://ctan.org/pkg/bondgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- Dupuis, Pierre. *The alertmessage package. Alert messages for  $\LaTeX$ .* 2025-11-11. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/alertmessage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
- Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>
- *The swrule package. Lines thicker in the middle than at the ends.* 2020-04-11. LICENSE: other-free  
 URL: <https://ctan.org/pkg/swrule>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
- Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits.* 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.  
 URL: <https://ctan.org/pkg/qcircuit>  
 MIRROR: <https://mirror.ctan.org/graphics/qcircuit>
- Eberhard, Patrick Benito. *The pats-resume package. A  $\LaTeX$  template for your resume.* 2025-03-11. LICENSE: mit  
 URL: <https://ctan.org/pkg/pats-resume>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pats-resume>
- Ebermann, Paul. *The dateiliste package. Extensions of the `\listfiles` concept.* 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by `\listfiles`), neatly laid out as a table. The main document can be included in the list, and a command is available for providing RCS-maintained data for printing in the file list.  
 URL: <https://ctan.org/pkg/dateiliste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
- *The exp-testopt package. Expandable `\@testopt` (and related) macros.* 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the  $\LaTeX$  kernel command `\@testopt`, named `\exp@testopt`, and a more general `\testopt`, both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.  
 URL: <https://ctan.org/pkg/exp-testopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>
- *The extpfeil package. Extensible arrows in mathematics.* 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides some more extensible arrows (usable in the same way as from `amsmath`), and a simple command to create new ones.  
 URL: <https://ctan.org/pkg/extpfeil>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extpfeil>
- Ebermann, Paul. *The faktor package. Typeset quotient structures with  $\LaTeX$ .* 2016-06-24. Version 0.1b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/faktor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>



- *The gmdoc-enhance package. Some enhancements to the gmdoc package.* 2025-07-20. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to “comment out” some code, and a macro to input other files in “normal”  $\LaTeX$  mode.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
- *The minipage-marginpar package. Minipages with marginal notes.* 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
- *The noitcrul package. Improved underlines in mathematics.* 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>
- *The pauldoc package. German  $\LaTeX$  package documentation.* 2016-06-24. Version 0.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/pauldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
- *The randbild package. Marginal pictures.* 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `and`), and (the same, only without the automatically drawn coordinate system).  
URL: <https://ctan.org/pkg/randbild>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randbild>
- *The robustcommand package. Declare robust command, with `\newcommand` checks.* 2016-06-24. Version 0.1. LICENSE: lppl. The package merely provides a variation of `\newcommand`, which checks for the existence of a command before declaring it robust.  
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URL: <https://ctan.org/pkg/addtoluatexpath>  
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URL: <https://ctan.org/pkg/autopuncitems>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/autopuncitems>
- *The luatbls package. Lua tables made accessible in  $\LaTeX$ .* 2025-02-15. LICENSE: mit. This package provides a  $\LaTeX$  interface to create, modify, and use the Lua data structure »tables«. Lua tables can be declared with the help of `lua`, and this package provides facilities to set, get, check, iterate, apply, etc. to the table.  
URL: <https://ctan.org/pkg/luatbls>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luatbls>
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URL: <https://ctan.org/pkg/lutabulartools>  
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URL: <https://ctan.org/pkg/penlight>  
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 URL: <https://ctan.org/pkg/texfaq>
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 URL: <https://ctan.org/pkg/bold-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
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 URL: <https://ctan.org/pkg/capt-of>  
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 URL: <https://ctan.org/pkg/captdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>
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 URL: <https://ctan.org/pkg/checklab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
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 URL: <https://ctan.org/pkg/fixfoot>  
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 URL: <https://ctan.org/pkg/oldstyle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oldstyle>
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 URL: <https://ctan.org/pkg/secdot>  
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URL: <https://ctan.org/pkg/topcapt>  
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URL: <https://ctan.org/pkg/verbbdef>  
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URL: <https://ctan.org/pkg/nrc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nrc>
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URL: <https://ctan.org/pkg/phfcc>  
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URL: <https://ctan.org/pkg/phfsvnwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfsvnwatermark>
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MIRROR: <https://mirror.ctan.org/fonts/paratype>
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 MIRROR: <https://mirror.ctan.org/graphics/dot2tex>
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 URL: <https://ctan.org/pkg/dot2texi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dot2texi>
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 URL: <https://ctan.org/pkg/mactotex>  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hf-tikz>
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URL: <https://ctan.org/pkg/he-le-na>  
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URL: <https://ctan.org/pkg/serbian-book>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srbook-mem>
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URL: <https://ctan.org/pkg/serbian-lig>  
MIRROR: <https://mirror.ctan.org/language/serbian/filipovic/serbian-lig>
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URL: <https://ctan.org/pkg/sr-half-compound>  
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URL: <https://ctan.org/pkg/gentl-gr>  
MIRROR: <https://mirror.ctan.org/info/greek/gentle>
- *The hyphenation-greek package. Hyphenation patterns for ancient and modern Greek.* 2016-06-24. Version 4.0. LICENSE: lppl. Contains the hyphenation patterns for ancient Greek and modern Greek in polytonic (multi-accent) and monotonic (uni-accent) systems. The hyphenation patterns will work perfectly with the babel option or with Dryllerakis’ GreeKTeX. The patterns can easily be converted for use with the fonts (see the package), or with Omega/Lambda (see the package). For any other Greek package, the patterns will have to be re-coded.  
URL: <https://ctan.org/pkg/hyphenation-greek>  
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URL: <https://ctan.org/pkg/outerhbox>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/outerhbox.sty>
- *The tex2tok package. Convert a T<sub>E</sub>X source file into tokens.* 2016-06-24. Version 1.1. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabverb.sty>
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URL: <https://ctan.org/pkg/corridx-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/corridx>
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URL: <https://ctan.org/pkg/corridx-obsolete>  
MIRROR: <https://mirror.ctan.org/obsolete/indexing/corridx>
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URL: <https://ctan.org/pkg/tabularborder>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularborder>
- Fink, Werner and Jürgen Bachteler. *The boldtensors package. Bold latin and greek characters through simple prefix characters.* 2025-07-21. LICENSE: gpl. This package provides bold latin and greek characters within , by using and as prefix characters.  
URL: <https://ctan.org/pkg/boldtensors>  
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 URL: <https://ctan.org/pkg/logix>  
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 MIRROR: <https://mirror.ctan.org/support/pdfjam>
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 MIRROR: <https://mirror.ctan.org/obsolete/support/ktexshell>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bearwear>
- *The chessboard package. Print chess boards*. 2024-11-07. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chessboard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chessboard>
- *The chessfss package. A package to handle chess fonts*. 2023-03-09. Version 1.2a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chessfss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chessfss>
- *The citeall package. Cite all entries of a bbl created with BibLaTeX*. 2023-03-09. Version 1.4. LICENSE: lppl1.3. This small package allows to cite all entries of a -file created with (v1.9).  
 URL: <https://ctan.org/pkg/citeall>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/citeall>
- *The combofont package. Add NFSS-declarations of combo fonts to LuaLaTeX documents*. 2023-03-09. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/combofont>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combofont>
- *The enpassant package. Enpassant chess font support*. 2023-03-09. Version 1.1. LICENSE: lppl. The package contains the necessary files to use free chess fonts from the (or on CTAN), with (La)TeX. For some of the fonts the pfb-file is also part of the package, or is available elsewhere on CTAN. For others the pfb must be made from the original ttf from the enpassant site. Instructions about the conversion and the use of the font can be found in the documentation of chessfss.  
 URL: <https://ctan.org/pkg/enpassant>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/enpassant>



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 URL: <https://ctan.org/pkg/fontloader-luaotfload>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/generic/fontloader-luaotfload>
- *The newpax package. Experimental package to extract and reinsert PDF annotations*. 2025-11-11. Version 0.57. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/newpax>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newpax>
  - *The returntogrid package. Semi-automatic grid typesetting*. 2023-03-09. Version 0.2. LICENSE: lppl1.3c. offers a few commands to get something like an simple, semi-automatic grid typesetting. It does more or less what the existing `grid` package does. The main differences to `grid` are that `returntogrid` works also with LuaLaTeX and that it has also a command to do some horizontal movements to get to “tab” positions.  
 URL: <https://ctan.org/pkg/returntogrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/returntogrid>
  - *The xskak package. An extension to the skak package for chess typesetting*. 2023-03-09. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xskak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xskak>
- Flaas, Ives van der. *The copyrightbox package. Provide copyright notices for images in a document*. 2016-06-24. Version 0.1. LICENSE: lppl. The package command `\copyrightbox`, which places the as a copyright notice relating to the matter created by the .  
 URL: <https://ctan.org/pkg/copyrightbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/copyrightbox>
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 URL: <https://ctan.org/pkg/fodot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fodot>
- Fleischhacker, Nils. *The tikzpeople package. Draw people-shaped nodes in TikZ*. 2023-07-26. Version 0.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikzpeople>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpeople>
- Flipo, Daniel. *The babel-french package. Babel contributed support for French*. 2025-08-15. Version 4.0e. LICENSE: lppl1.3c. The package, formerly known as `babel-french`, establishes French conventions in a document (or a subset of the conventions, if French is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-french>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/french>
- *The concmath-otf package. Concrete based OpenType Math font*. 2025-10-28. Version 0.70. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/concmath-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/concmath-otf>
  - *The erewhon-math package. Utopia based OpenType Math font*. 2025-11-15. Version 0.72. LICENSE: ofl,lppl1.3c. OpenType version of the Type1 fonts designed by Michel Bovani.  
 URL: <https://ctan.org/pkg/erewhon-math>  
 MIRROR: <https://mirror.ctan.org/fonts/erewhon-math>
  - *The euler-math package. OpenType version of Hermann Zapf’s Euler maths font*. 2025-10-28. Version 0.70. LICENSE: ofl,lppl1.3c. (formerly named “`euler`”) is an OpenType version of Hermann Zapf’s Euler maths font. It is the continuation of the Euler project initiated by Khaled Hosny in 2009 and abandoned in 2016. A style file is provided as a replacement of the package for LuaLaTeX and Xe<sub>La</sub>TeX users.  
 URL: <https://ctan.org/pkg/euler-math>  
 MIRROR: <https://mirror.ctan.org/fonts/euler-math>
  - *The frhyph package. French hyphenation patterns*. 2016-11-05. Version 2.12. LICENSE: other-free  
 URL: <https://ctan.org/pkg/frhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/frhyph.tex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lettrine>
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URL: <https://ctan.org/pkg/xcharter-math>  
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MIRROR: <https://mirror.ctan.org/macros/generic/gt1>
  - *The morewrites package. Always room for a new write stream*. 2025-11-11. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/generic/reverxii>
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URL: <https://ctan.org/pkg/liftarm>  
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URL: <https://ctan.org/pkg/polyomino>  
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MIRROR: <https://mirror.ctan.org/fonts/culmus>
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URL: <https://ctan.org/pkg/mimetex>  
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 MIRROR: <https://mirror.ctan.org/support/texlab>
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 URL: <https://ctan.org/pkg/altnline>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/timbreicmc>
- Frederiks, L. L. *The bib2dvi package. Generate a DVI file from a Bibliography file*. 2016-06-24. Version 0.13. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bib2dvi>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bib2dvi>

- Free Software Foundation. *The texinfo package*. *Texinfo documentation system*. 2025-06-27. LICENSE: gpl  
URL: <https://ctan.org/pkg/texinfo>
- *The texinfo-latest package*. *Current version of texinfo.tex, texi2dvi, texi2pdf*. 2025-06-27. LICENSE: gpl. The bundle offers the latest official releases of the macro file and scripts, as posted on . These files are often updated between full releases of the full package. See the full package for documentation.  
URL: <https://ctan.org/pkg/texinfo-latest>  
MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
  - Freeman, T. Graham. *The aurora package*. *Header files for dvips to make colour separations*. 2019-06-21. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/aurora>  
MIRROR: <https://mirror.ctan.org/support/aurora>
  - Fresacher, Matthias. *The pmdraw package*. *Draw elements of the diagram monoids*. 2025-10-14. Version 2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pmdraw>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pmdraw>
  - Freyre-Gonzalez, Julio A. *The unamthesis package*. *Style for Universidad Nacional Autonoma de Mexico theses*. 2017-03-29. Version 2.1. LICENSE: lppl1.3. The package provides a customisable format to typeset Theses according to the Universidad Nacional Autonoma de Mexico guidelines. Support for use in Scientific Workplace (SWP) 3.x is also provided. The bundle also includes an appropriate bibliographic style which enables the use of author-year schemes using the package.  
URL: <https://ctan.org/pkg/unamthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unamthesis>
  - Fricke, Olaf. *The xtcaps package*. *Defining language-dependent text macros*. 2016-06-24. Version 1.1d. LICENSE: noinfo. The package provides macros which generate text which switches according to what language has been selected in . The documentation includes an example of the use of the package.  
URL: <https://ctan.org/pkg/xtcaps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtcaps>
  - Friedl, Sebastian. *The fancyhandout package*. *A L<sup>A</sup>T<sub>E</sub>X class for producing nice-looking handouts*. 2018-01-23. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fancyhandout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhandout>
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URL: <https://ctan.org/pkg/hackthefootline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/hackthefootline>
  - *The lualatex-truncate package*. *A wrapper for using the truncate package with LuaLaTeX*. 2023-05-17. Version 1.1. LICENSE: lppl1.3c. This package provides a wrapper for the package, thus fixing issues related to LuaTeX's hyphenation algorithm.  
URL: <https://ctan.org/pkg/lualatex-truncate>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lualatex-truncate>
  - *The mensa-tex package*. *Typeset simple school cafeteria menus*. 2017-12-05. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mensa-tex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mensa-tex>
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URL: <https://ctan.org/pkg/pdfpc-movie>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textualcomma>
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URL: <https://ctan.org/pkg/texi2dvi-latest>  
MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
  - Friedrich, Josef. *The cloze package*. *A LuaLaTeX package for creating cloze texts*. 2025-07-04. Version 2.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/cloze>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/cloze>
  - *The farbe package*. *Color management (conversion, names) for LuaTeX implemented in Lua*. 2025-06-08. Version 0.2.0. LICENSE: lppl1.3c. This package is mainly a Lua library for converting and manipulating colors. It is based on Lua module .

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MIRROR: <https://mirror.ctan.org/macros/luatex/generic/farbe>
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URL: <https://ctan.org/pkg/lparse>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lparse>
- *The luakeys package. A Lua module for parsing key-value options.* 2025-07-19. Version 0.17.0. LICENSE: lppl1.3c. This package provides a Lua module that can parse key-value options like the  $\TeX$  packages `, , ,`, etc. , however, accomplishes this task entirely by using the Lua language and does not rely on  $\TeX$ . Therefore this package can only be used with the  $\TeX$  engine . Since luakeys uses , the parsing mechanism should be pretty robust.  
URL: <https://ctan.org/pkg/luakeys>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luakeys>
  - *The luatex-type-definitions package. Type definitions for the Lua API of LuaTeX.* 2025-08-09. Version 0.2.0. LICENSE: gpl2+. has a very large API. This project tries to make this API accessible in the text editor of your choice. This is made possible by the — a server that implements the for the Lua language. Features such as code completion, syntax highlighting, and marking of warnings and errors should therefore not only be possible in , but in a that support the LSP.  
URL: <https://ctan.org/pkg/luatex-type-definitions>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luatex-type-definitions>
  - *The nodetree package. Visualize node lists in a tree view.* 2025-11-11. Version 2.4.1. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug information in the console output when you compile a LuaTeX file. It uses a similar visual representation for node lists as the UNIX command for a folder structure.  
URL: <https://ctan.org/pkg/nodetree>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/nodetree>
- Friendly, Michael. *The tex2bib package. Extract a BibTeX database from a document source.* 2016-06-24. LICENSE: bsd. Tex2bib is a Perl script that extracts bibliographic data from a document whose author wrote out the entries. The entire document is scanned for entries, ending when is encountered.  
URL: <https://ctan.org/pkg/tex2bib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/tex2bib>
- *The texdepend package. Find dependencies in a  $\TeX$  file.* 2020-05-05. Version 0.92. LICENSE: lppl. A Perl script for finding dependencies in a  $\TeX$  file. The script reads a file, and (recursively) all and files referenced therein to build dependencies from the source files scanned, packages (as in ), and figures (loaded using ).  
URL: <https://ctan.org/pkg/texdepend>  
MIRROR: <https://mirror.ctan.org/support/texdepend>
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MIRROR: <https://mirror.ctan.org/support/texref>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/afperpack>
- *The codedescribe package. LaTeX code description and documentation.* 2025-12-30. Version 1.23. LICENSE: lppl1.3c,agpl3. This package aims to document both document level as well package/class level commands. It is fully implemented using . Besides that the and packages are used to typeset code snippets.  
URL: <https://ctan.org/pkg/codedescribe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codedescribe>
  - *The democodetools package. A deprecated package for  $\TeX$  code documentation.* 2025-11-28. Version 1.0.2. LICENSE: lppl1.3c,agpl3  
URL: <https://ctan.org/pkg/democodetools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/democodetools>
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 URL: <https://ctan.org/pkg/pkginfograb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkginfograb>
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 URL: <https://ctan.org/pkg/starray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/starray>
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 URL: <https://ctan.org/pkg/switch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/switch>
  - *The tikzcalendarnotes package. Highlighting, marking and annotating dates in a TikZ calendar.* 2025-11-28. Version 1.2. LICENSE: lppl1.3c,agpl3  
 URL: <https://ctan.org/pkg/tikzcalendarnotes>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcalendarnotes>
  - *The tikzdotncross package. Marking coordinates and crossing paths.* 2025-11-28. Version 1.3b. LICENSE: lppl1.3c,agpl3. This package offers a few alternative ways for declaring and marking coordinates and drawing a line with “jumps” over an already existent path, which is quite a common issue when drawing, for instance, electronic circuits (like with ).  
 URL: <https://ctan.org/pkg/tikzdotncross>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzdotncross>
  - *The tikzfxgraph package. Plotting functions in a simplified way.* 2025-01-09. Version 1.1. LICENSE: lppl1.3c,agpl3. This package is mostly a wrap around and , hiding most of their inherent complexity.  
 URL: <https://ctan.org/pkg/tikzfxgraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzfxgraph>
  - *The tikzquads package. A few shapes designed to be used with CircuiTikZ.* 2025-11-28. Version 1.2a. LICENSE: lppl1.3c,agpl3. This package defines a few extra shapes, Quadripoles and single port, which can be used ‘standalone’, but are mainly meant to be used with .  
 URL: <https://ctan.org/pkg/tikzquads>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzquads>
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 URL: <https://ctan.org/pkg/tikzquests>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tikzquests>
  - *The ufrgscca package. A bundle for undergraduate students final work/report (tcc) at UFRGS/EE.* 2025-11-28. Version 2.13. LICENSE: lppl1.3c,agpl3. This bundle is aimed at producing undergraduate students’ final work/report at UFRGS/EE (Engineering School at the Federal University of Rio Grande do Sul), closely following ABNT rules (Brazilian Association for Technical Norms). It is composed of a main class, , and a set of auxiliary packages, some of which can be used independently.  
 URL: <https://ctan.org/pkg/ufrgscca>  
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 URL: <https://ctan.org/pkg/lfonts-ams>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calculator>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/catalan>
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- Fütterer, Michael and Jonathan Zachhuber. *The coolthms package*. Reference items in a theorem environment. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/coolthms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolthms>
- *The tikzpfle package*. Draw arrows using PGF/TikZ. 2016-06-24. Version 1.0. LICENSE: lppl. In a document with a lot of diagrams created with PGF/TikZ, there is a possibility of the reader being distracted by different sorts of arrowheads in the diagrams and in the text (as, e.g., in ). The package defines macros to create all arrows using PGF/TikZ, so as to avoid the problem.  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpfle>
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 URL: <https://ctan.org/pkg/iscram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iscram>
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 URL: <https://ctan.org/pkg/ocgx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocgx>



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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/sankey>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eltex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/courseoutline>
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 URL: <https://ctan.org/pkg/coursepaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coursepaper>
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 URL: <https://ctan.org/pkg/york-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/york-thesis>
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 URL: <https://ctan.org/pkg/autolatex>  
 MIRROR: <https://mirror.ctan.org/support/autolatex>
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 URL: <https://ctan.org/pkg/bib2ml>  
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
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URL: <https://ctan.org/pkg/pst-gr3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
URL: <https://ctan.org/pkg/pst-ob3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-poly>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
- Glazkov, Dmitry A. *The shadbox package. Shade the background of any box*. 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/shadbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A “Chicago” bibliography style*. 2025-10-29. LICENSE: other-free  
URL: <https://ctan.org/pkg/chicago>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
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URL: <https://ctan.org/pkg/chicagoo>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>
- Gliboff, Sander. *The biblatex-historian package. A BibLaTeX style*. 2016-06-24. Version 0.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/biblatex-historian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
URL: <https://ctan.org/pkg/glonti>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/cmcyr>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats*. 2017-04-18. Version 3.50. LICENSE: gpl  
URL: <https://ctan.org/pkg/pstoeedit>  
MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text*. 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.

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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- Goatley, Hunter. *The newsltr package. Macros for making newsletters with Plain T<sub>E</sub>X*. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newsltr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newsltr>
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 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
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 URL: <https://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte*. 2018-04-05. Version 3.5.2. LICENSE: apache2  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
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 URL: <https://ctan.org/pkg/figsinltx>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
- *The ltablex package. Table package extensions*. 2017-09-28. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/qbibman>
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 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font*. 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong*. 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types are recognised by the package, unmodified. Since several packages define other types of float, it is possible to register these float types with endfloat.  
 URL: <https://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>
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 URL: <https://ctan.org/pkg/thumby>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
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 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format*. 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.

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MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
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MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar.* 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
URL: <https://ctan.org/pkg/shapepatch>  
MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
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- URL: <https://ctan.org/pkg/pgf-periodictable>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-periodictable>
- *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ.* 2025-06-17. Version 3.0.2. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/pgf-spectra>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/featpost>
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- URL: <https://ctan.org/pkg/interactiveanimation>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced  $\text{\LaTeX}$  mode for the jed editor.* 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced  $\text{\LaTeX}$  mode in the fashion of AUC  $\text{\TeX}$ : menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced  $\text{\LaTeX}$  user in mind.
- URL: <https://ctan.org/pkg/latex4jed>  
MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- *The LaTeX4Musicians package. A guide for combining  $\text{\LaTeX}$  and music.* 2019-01-19. Version 1.0.1. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4musicians>  
MIRROR: <https://mirror.ctan.org/info/latex4musicians>
  - *The LaTeX4WP package. A  $\text{\LaTeX}$  guide specifically designed for word processor users.* 2023-08-28. Version 1.2. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4wp>  
MIRROR: <https://mirror.ctan.org/info/latex4wp>
  - *The latex4wp-it package. LaTeX guide for word processor users, in Italian.* 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
URL: <https://ctan.org/pkg/latex4wp-it>  
MIRROR: <https://mirror.ctan.org/info/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic.* 2016-06-24. Version 1.1. LICENSE: lpl1.3
- URL: <https://ctan.org/pkg/basicarith>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basicarith>
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URL: <https://ctan.org/pkg/catechis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catechis>
  - *The clrdblpg package. Control pagestyle of pages left blank by \cleardoublepage.* 2018-05-07. Version 1.0. LICENSE: lpl1.3. This tiny package allows easy manipulation of the headers and footers on pages left blank by . By default,  $\text{\LaTeX}$  has no easy facilities for this. This package uses more or less the algorithm listed in the package documentation, with some better indentation and added flexibility.  
URL: <https://ctan.org/pkg/clrdblpg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrdblpg>
  - *The colophon package. Provides commands for producing a colophon.* 2018-06-03. Version 1.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/colophon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>



- *The dozenal package*. Typeset documents using base twelve numbering (also called “dozenal”). 2018-05-11. Version 7.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dozenal>  
 MIRROR: <https://mirror.ctan.org/fonts/dozenal>
- Goodman, Donald P. *The drm package*. A complete family of fonts written in Metafont. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/drm>  
 MIRROR: <https://mirror.ctan.org/fonts/drm>
- *The liturg package*. Support for typesetting Catholic liturgical texts. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/liturg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/liturg>
- *The lroundrect package*. LaTeX macros for utilizing the roundrect MetaPost routines. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This  $\LaTeX$  package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with  $\LaTeX$ . It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
 URL: <https://ctan.org/pkg/lroundrect>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>
- *The modulus package*. A non-destructive modulus and integer quotient operator for  $\TeX$ . 2018-05-05. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/modulus>  
 MIRROR: <https://mirror.ctan.org/macros/generic/modulus>
- *The padcount package*. Pad numbers with arbitrary characters. 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/padcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/padcount>
- *The poetry package*. Facilities for typesetting poetry and poetical structure. 2019-12-14. Version 2.2. LICENSE: lppl1.3c. This package provides some macros and general doodads for typesetting poetry. There is, of course, already the excellent package, and the package provides some extra functionality on top of it. But provides much of the same functionality in a bit of a different way, and with a few additional abilities, such as facilities for a list of poems, an index of first lines, and some structural commands.  
 URL: <https://ctan.org/pkg/poetry>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poetry>
- *The roundrect package*. MetaPost macros for highly configurable rounded rectangles (optionally with text). 2016-06-24. Version 2.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/roundrect>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/roundrect>
- *The shapes package*. Draw polygons, reentrant stars, and fractions in circles with MetaPost. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/shapes>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/shapes>
- *The texdate package*. Date printing, formatting, and manipulation in  $\TeX$ . 2018-12-09. Version 2.0. LICENSE: lppl1.3c.  $\TeX$  and  $\LaTeX$  provide few facilities for dates by default, though many packages have filled this gap. This package fills it, as well, with a pure  $\TeX$ -primitive implementation. It can print dates, advance them by numbers of days, weeks, or months, determine the weekday automatically (with an algorithm cribbed from the file written by Martin Minow), and print them in (mostly) arbitrary format. It can also print calendars (monthly and yearly) automatically, and can be easily localized for non-English languages.  
 URL: <https://ctan.org/pkg/texdate>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdate>
- *The xellipsis package*. Extremely configurable ellipses with formats for various style manuals. 2018-04-16. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xellipsis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xellipsis>
- *The yaletter package*. Extremely flexible macros for letters, envelopes, and label sheets. 2017-01-03. Version 1.1. LICENSE: lppl1.3. The class provides extremely configurable macros for typesetting letters in any conceivable style. It provides facilities for maintaining easily-accessible databases of letterheads and addresses for repeat use. It further provides easy macros for envelopes and for label sheets. Finally, it provides some nice defaults for a few of the more common styles and sizes.  
 URL: <https://ctan.org/pkg/yaletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yaletter>
- Goossens, Michel. *The cyrtug package*. *EmTeX as distributed by CyrTUG*. 2016-06-24. LICENSE: noinfo. The CyrTUG distribution of files for use with . (CyrTUG is the Cyrillic-alphabet  $\TeX$  users’ group; apart from the fonts, there are several other files to support Cyrillic users.)  
 URL: <https://ctan.org/pkg/cyrtug>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/emtex-contrib/cyrtug>



- Goossens, Michel and Sebastian Rahtz. *The mm package. A jiffy Multiple Master tool*. 2016-06-24. LICENSE: noinfo. A set of simple scripts and programs for deriving instances from Adobe Multiple Master fonts for use with . The scripts use to derive metrics, etc.  
URL: <https://ctan.org/pkg/mm>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mm>
- Goossens, Michel and Sebastian Rahtz. *The webcomp-errata package. Errata list for The L<sup>A</sup>T<sub>E</sub>X Web Companion*. 2025-10-28. LICENSE: l<sup>3</sup>p<sup>l</sup>  
URL: <https://ctan.org/pkg/webcomp-errata>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- Goot, Marcel van der. *The boxit-ltx package. An environment for boxing things*. 2016-06-24. LICENSE: noinfo. The package defines a boxit environment that draws lines around its contents. The environment can box things like verbatim text, unlike the that originally appeared in the T<sub>E</sub>Xbook.  
URL: <https://ctan.org/pkg/boxit-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/boxit.sty>
- *The midnight package. A set of useful macro tools*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/midnight>  
MIRROR: <https://mirror.ctan.org/macros/generic/midnight>
- Görlach, Tobias. *The hobete package. Unofficial beamer theme for the University of Hohenheim*. 2016-06-24. LICENSE: l<sup>3</sup>p<sup>l</sup>  
URL: <https://ctan.org/pkg/hobete>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hobete>
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URL: <https://ctan.org/pkg/tikz-nef>  
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- Gossen, Gerhard and Boris Veytsman. *The bibtexperl1libs package. BibTeX Perl Libraries*. 2025-09-01. Version 1.93. LICENSE: gpl1,artistic,pd  
URL: <https://ctan.org/pkg/bibtexperl1libs>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/bibtexperl1libs>
- Göttlinger, Merlin. *The biblatex-lncs package. BibLaTeX style for Springer Lecture Notes in Computer Science*. 2023-05-08. Version 0.7. LICENSE: l<sup>3</sup>p<sup>l</sup>1.3c. This is a BibLaTeX style for Springer Lecture Notes in Computer Science (LNCS). It extends the standard model by an entry.  
URL: <https://ctan.org/pkg/biblatex-lncs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lncs>
- Götz, Thomas. *The asc2tex package. Retrieve text from screenshots*. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/asc2tex>  
MIRROR: <https://mirror.ctan.org/systems/msdos/asc2tex>
- Goulard, Frederic. *The prosper package. LaTeX class for high quality slides*. 2017-04-18. Version 1.0h. LICENSE: l<sup>3</sup>p<sup>l</sup>1.2  
URL: <https://ctan.org/pkg/prosper>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prosper>
- Goudham and Lukas Heindl. *The catppuccinPalette package. Provides (x)colors of catppuccin theme*. 2025-07-31. Version 1.2.0. LICENSE: mit. is a nice pastel theme in four flavours/styles (Latte, Frappé, Macchiato, Mocha). This package defines these themes as colors.  
URL: <https://ctan.org/pkg/catppuccinpalette>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catppuccinpalette>
- Gouez, Geoffrey. *The cv4tw package. LaTeX CV class, with extended details*. 2017-04-18. Version 0.2. LICENSE: other-free  
URL: <https://ctan.org/pkg/cv4tw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cv4tw>
- Gough, Graham. *The muthesis package. Classes for University of Manchester Dept of Computer Science*. 2016-06-24. LICENSE: l<sup>3</sup>p<sup>l</sup>  
URL: <https://ctan.org/pkg/muthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/muthesis>
- Goulet, Vincent. *The actuarialangle package. Angle symbol denoting a duration in actuarial and financial notation*. 2023-05-17. Version 2.1. LICENSE: l<sup>3</sup>p<sup>l</sup>1.3c  
URL: <https://ctan.org/pkg/actuarialangle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/actuarialangle>
- *The cjs-rcs-article package. Article class for The Canadian Journal of Statistics*. 2025-10-29. Version 1.3. LICENSE: l<sup>3</sup>p<sup>l</sup>1.3c,cc-by-sa-4. The document class and its companion bibliographic styles and typeset manuscripts immediately in accordance with the presentation rules of The Canadian Journal of Statistics. The package also contains the official .

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cjs-rcs-article>
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 This is a drawing package for circuit and duotensor diagrams within L<sup>A</sup>T<sub>E</sub>X documents. It consists of about eighty commands, calling on for support.  
 URL: <https://ctan.org/pkg/duotensor>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/duotensor>
- Harendal, Hirwen and Clea F. Rees. *The libris package. Libris ADF fonts, with L<sup>A</sup>T<sub>E</sub>X support*. 2024-09-29. Version 1.1. LICENSE: lppl1.3c,gpl2  
 URL: <https://ctan.org/pkg/libris>  
 MIRROR: <https://mirror.ctan.org/fonts/libris>
- *The venturisADF package. Venturis ADF fonts collection*. 2024-09-29. Version 2.0. LICENSE: lppl1.3,other-free. Serif and sans serif complete text font families, in both Adobe Type 1 and OpenType formats for publication. The family is based on Utopia family, and has been modified and developed by the Arkandis Digital foundry. Support for using the fonts, in L<sup>A</sup>T<sub>E</sub>X, is also provided (and makes use of the package).  
 URL: <https://ctan.org/pkg/venturisadf>  
 MIRROR: <https://mirror.ctan.org/fonts/venturisadf>
- Harin, Alexander. *The cmcyralt-fonts package. Russian fonts in “alternative” encoding*. 2025-07-20. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmcyralt-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyralt>
- Harin, Alexander and Vadim V. Zhytnikov. *The cmcyralt-ltx package. LaTeX support for the cmcyralt fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. Macros and fd files to use the . Designed for use with an alternative-coded keyboard.  
 URL: <https://ctan.org/pkg/cmcyralt-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
- Harker, Stephen. *The adfathesis package. Australian Defence Force Academy thesis format*. 2016-06-24. Version 2.42. LICENSE: pd  
 URL: <https://ctan.org/pkg/adfathesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adfathesis>
- Harrer, Simon. *The messagebubbles package. Display message bubbles as a conversation*. 2016-06-24. Version 0.0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/messagebubbles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/messagebubbles>
- Harris, Erica, Geoffrey Tobin, Robin Fairbairns, and David Carlisle. *The setspace package. Set space between lines*. 2022-12-05. Version 6.7b. LICENSE: lppl1.3. Provides support for setting the spacing between lines in a document. Package options include singlespacing, onehalfspacing, and doublespacing. Alternatively the spacing can be changed as required with the , , and commands.

Other size spacings also available.

URL: <https://ctan.org/pkg/setspace>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>

Harrod, Steven. *The bibbuild package. A bibliography builder for FileMaker Pro 7.* 2025-10-28. Version 1.0. LICENSE: nosell

URL: <https://ctan.org/pkg/bibbuild>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/BibBuild>

Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation.* 2025-12-05. LICENSE: pd. A document describing the parametrization of least-squares curve fitting, and showing how (using ) to display error bars.

URL: <https://ctan.org/pkg/maad>

MIRROR: <https://mirror.ctan.org/info/maad>

Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting.* 2016-06-24. LICENSE: other-free. Provides two new commands: and for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.

URL: <https://ctan.org/pkg/nestquot>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>

Hart, William. *The harnon-cv package. A CV document class with a vertical timeline for experience.* 2016-06-24. Version 1.0. LICENSE: pd

URL: <https://ctan.org/pkg/harnon-cv>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>

Hartke, Stephen. *The arev package. Fonts and  $\TeX$  support files for Arev Sans.* 2025-07-20. LICENSE: lppl

URL: <https://ctan.org/pkg/arev>

MIRROR: <https://mirror.ctan.org/fonts/arev>

— *The free-math-font-survey package. A survey of available free Mathematics fonts.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/free-math-font-survey>

MIRROR: [https://mirror.ctan.org/info/Free\\_Math\\_Font\\_Survey/en](https://mirror.ctan.org/info/Free_Math_Font_Survey/en)

Hartmann, Richard. *The OpTeXcount package. Python script for counting words in OpTeX documents.* 2019-01-01. Version 1.1. LICENSE: mit

URL: <https://ctan.org/pkg/optexcount>

MIRROR: <https://mirror.ctan.org/support/optexcount>

Hartmann, Timo. *The flashmovie package. Directly embed flash movies into PDF files.* 2016-06-24. Version 0.4. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/flashmovie>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>

Hasan, Adib. *The latexbangla package. Enhanced  $\TeX$  integration for Bangla.* 2020-06-07. Version 0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/latexbangla>

MIRROR: <https://mirror.ctan.org/language/bengali/latexbangla>

Haslhofer, Bernhard. *The beamertheme-csh package. A Beamer presentation theme for the Complexity Science Hub Vienna.* 2025-12-27. Version 1.1. LICENSE: lppl1.3c. This package provides a Beamer theme following the corporate design of the . It includes a title page, automatic section slides, source citation commands, and a closing slide with QR code. The theme uses as the default font.

URL: <https://ctan.org/pkg/beamertheme-csh>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-csh>

Hassel, Frank. *The bdfchess package. Typeset correspondence chess games.* 2016-06-24. Version 1.2. LICENSE: nosell. A  $\TeX$  (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.

URL: <https://ctan.org/pkg/bdfchess>

MIRROR: <https://mirror.ctan.org/fonts/chess/bdfchess>

Hassenpflug, Gernot. *The hwkatakana package. Half-width katakana fonts.* 2016-06-24. Version 1.0. LICENSE: gpl

URL: <https://ctan.org/pkg/hwkatakana>

MIRROR: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>

Haustveit, Eirik. *The glossaries-nynorsk package. Nynorsk language module for the glossaries package.* 2023-05-17. Version 1.0. LICENSE: lppl1.3. Norwegian Nynorsk language module for the package.

URL: <https://ctan.org/pkg/glossaries-nynorsk>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-nynorsk>

Havlik, Denis. *The abstbook package. Books of abstracts.* 2016-06-24. LICENSE: noinfo. A  $\TeX$  class file for making ‘books of abstracts’, commonly used for conferences. It is based on report class, however has been redefined and shouldn’t be used.

URL: <https://ctan.org/pkg/abstbook>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>

- He, Guanyuming. *The onepgnote package. Space-efficient one-page notes for exams.* 2025-05-27. Version 1.0.0. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/onepgnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onepgnote>
- Heafner, Paul J. *The mandi package. Macros for introductory physics and astronomy.* 2025-11-11. Version 3.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mandi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
- Hecking, Lars, Thomas Williams, and Colin Kelley. *The gnuplot package. General purpose plotting program.* 2019-02-09. Version 5.2.6.  
 LICENSE: other-free  
 URL: <https://ctan.org/pkg/gnuplot>  
 MIRROR: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
- Hedne, PL. *The brief-t package. LaTeX support for the brief editor.* 2019-02-03. LICENSE: noinfo. The package comprises a set of macros to create key assignments for common (La)TeX functions.  
 URL: <https://ctan.org/pkg/brief-t>  
 MIRROR: <https://mirror.ctan.org/support/brief-t>
- Heerden, Derick van. *The obas package. Web based interface to a bibliographical database.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/obas>
- Hefferon, Jim. *The asy-overview package. A brief overview of the Asymptote language for drawing mathematical graphics.* 2024-09-30.  
 LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/asy-overview>  
 MIRROR: <https://mirror.ctan.org/info/asy-overview>
- *The concrete-macros package. Consistent text and maths using concrete fonts.* 2016-06-24. LICENSE: noinfo. Aspiring users of Knuth's concrete fonts are often recommended to use the and packages for consistent text and mathematics setting. This package loads both.  
 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
  - *The escapeTeXt package. Make plain text safe for use in  $\TeX$ .* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeXt>
  - *The first-packages package. A short list of go-to  $\TeX$  packages, aimed at a beginner.* 2021-01-02. LICENSE: cc0  
 URL: <https://ctan.org/pkg/first-packages>
  - *The Shaded theorems package. Theorem environments that are shaded.* 2020-01-08. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shadethm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
  - *The style-showcase package. Make a web page to compare styles.* 2016-06-24. Version 1.0.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/style-showcase>  
 MIRROR: [https://mirror.ctan.org/support/style\\_showcase](https://mirror.ctan.org/support/style_showcase)
  - *The undergradmath package. LaTeX Math for Undergraduates cheat sheet.* 2021-01-03. LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/undergradmath>  
 MIRROR: <https://mirror.ctan.org/info/undergradmath>
  - *The venn package. Creating Venn diagrams with MetaPost.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/venn>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/venn>
- Hefferon, Jim, Manuel Pégourié-Gonnard, and Karl Berry. *The first-latex-doc package. A document for absolute  $\TeX$  beginners.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/first-latex-doc>  
 MIRROR: <https://mirror.ctan.org/info/first-latex-doc>
- *The latex-doc-ptr package. A direction-finder for  $\TeX$  resources available online.* 2025-11-30. LICENSE: pd  
 URL: <https://ctan.org/pkg/latex-doc-ptr>  
 MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
- Heibl, Christoph. *The bracketkey package. Produce bracketed identification keys.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an environment for use when producing lists of species.  
 URL: <https://ctan.org/pkg/bracketkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>



- Heidemann, John. *The lookbibtex package. Tools for examining BibTeX files.* 2016-06-24. Version 1.22. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lookbibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/lookbibtex>
- Heim, Thomas. *The dice package. A font for die faces.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dice>  
 MIRROR: <https://mirror.ctan.org/fonts/dice>
- *The epsdice package. A scalable dice “font”.* 2025-07-20. Version 2.1. LICENSE: lppl. The epsdice package defines a single command that takes a numeric argument (in the range 1-6), and selects a face image from a file that contains each of the 6 possible die faces. The graphic file is provided in both Encapsulated PostScript and PDF formats.  
 URL: <https://ctan.org/pkg/epsdice>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epsdice>
- Hein, Jeffrey. *The tikz-3dplot package. Coordinate transformation styles for 3d plotting in TikZ.* 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-3dplot>
- Heindl, Lukas. *The semesterplannerLua package. Draw timetables and other organizational matters useful for planning a semester.* 2024-05-28. Version 1.1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/semesterplannerlua>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/semesterplannerlua>
- Heinecke, Johannes. *The aramaic-serto package. Fonts and  $\TeX$  for Syriac written in Serto.* 2025-03-09. Version 1.3.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
- *The mxedruli package. A pair of fonts for different Georgian alphabets.* 2024-07-25. Version 3.3c. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mxedruli>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/mxedruli>
- Heins, Oliver. *The biblatex-luh-ipw package. BibLaTeX styles for social sciences.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-luh-ipw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-luh-ipw>
- Heinz, Carsten. *The permute package. Support for symmetric groups.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/permute>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/permute>
- Heinz, Carsten and Hendri Adriaens. *The polynom package. Macros for manipulating polynomials.* 2024-11-04. Version 0.19. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/polynom>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynom>
- Heinze, David. *The ksp-thesis package. A  $\TeX$  class for theses published with KIT Scientific Publishing.* 2017-04-18. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ksp-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ksp-thesis>
- Heitkoetter, Joerg. *The fancychapters package. Chapters with quotations.* 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fancychapters>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/fancychapters.sty>
- Hejda, Tomas. *The chkfloat package. Warn whenever a float is placed “to far away”.* 2021-08-26. Version 0.1. LICENSE: lppl1.3. The package checks for floats that are placed too far from their origin. It was motivated by a question on the page.  
 URL: <https://ctan.org/pkg/chkfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>
- *The eqnalign package. Make eqnarray behave like align.* 2017-02-22. Version 1.0a. LICENSE: lppl1.3. The package makes environment behave like from . It is intended for quick-fixing documents that use . In cases where it fails, manual conversion to is required, but these cases should be seldom.  
 URL: <https://ctan.org/pkg/eqnalign>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
- Helbig, Wolfgang. *The tex-ewd package. Macros to typeset calculational proofs and programs in Dijkstra’s style.* 2016-06-24. LICENSE: bsd. Edsger W. Dijkstra and others suggest a and to construct programs. This package provides macros that support calculational proofs and Dijkstra’s “guarded command language”.  
 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>



- Helbig, Wolfgang. *The TeX-FPC package. A collection of change files for a TeX system based on Free Pascal*. 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.  
 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
- *The TeX-GPC package. A collection of change files for a TeX system based on GNU Pascal*. 2019-02-22. Version 3rd edition. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tex-gpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-gpc>
- Hellgren, Timo. *The fihyph package. Hyphenation patterns for Finnish language*. 2019-06-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/fihyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/fihyph>
- *The lshort-finnish package. Finnish introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. This is the Finnish translation of , with added coverage of Finnish typesetting rules.  
 URL: <https://ctan.org/pkg/lshort-finnish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/finnish>
- Hellingman, Jeroen. *The malayalam-obsolete package. Fonts for typesetting Malayalam, with a pre-processor*. 2016-06-18. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/malayalam-obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete/language/malayalam>
- Hellingman, Jeroen and Anshuman Pandey. *The oriya package. Typesetting the Oriya script using TeX*. 2016-06-24. Version 0.99. LICENSE: other-free  
 URL: <https://ctan.org/pkg/oriya>  
 MIRROR: <https://mirror.ctan.org/language/oriya>
- Hellström, Lars. *The relenc package. A “relaxed” font encoding*. 2025-07-20. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/relenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relenc>
- *The rtkinenc package. Input encoding with fallback procedures*. 2025-10-28. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rtkinenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
  - *The tcldoc package. Doc/docstrip for tcl*. 2016-07-19. Version 2.40. LICENSE: lppl. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout’s Tool Command Language (Tcl, pronounced “tickle”, a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L<sup>A</sup>T<sub>E</sub>X, whereas the tcldoc class more parallels the ltxdoc class.  
 URL: <https://ctan.org/pkg/tcldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
  - *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system*. 2025-07-21. Version prot2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xdoc>
- Hellström, Lars, Alan Jeffrey, Sebastian Rahtz, and Ulrik Vieth. *The fontinst package. Help with installing fonts for TeX and L<sup>A</sup>T<sub>E</sub>X*. 2021-03-31. Version 1.933. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fontinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
- Helvensteijn, Michiel. *The concepts package. Keeping track of formal ‘concepts’ for a particular field*. 2021-03-01. Version 0.0.5-r1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/concepts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
- *The lt3graph package. Provide a graph datastructure for experimental L<sup>A</sup>T<sub>E</sub>X3*. 2025-11-11. Version 0.1.9. LICENSE: lppl1.3. The package defines a ‘graph’ data structure, for use in documents that are using the .  
 URL: <https://ctan.org/pkg/lt3graph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
- Helvensteijn, Michiel. *The pkgloader package. Manage the options and loading order of other packages*. 2025-11-11. Version 0.7.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkgloader>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>

- *The underoverlap package. Position decorations over and under expressions.* 2025-10-28. Version 0.0.1-r1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/underoverlap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underoverlap>
- *The withargs package. In-place argument substitution.* 2025-11-11. Version 0.3.1. LICENSE: lpl1.3. The command provides a clean way to populate a template (containing , , etc.) using  $\LaTeX$  argument substitution. It also allows you to carefully control argument expansion using a  $\LaTeX$ 3-style argument specification. Uses range from creating readable string templates (akin to C's function) to performing otherwise complex token-list manipulation.  
 URL: <https://ctan.org/pkg/withargs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros.* 2021-05-14. Version 1.00. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/noindentafter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts.* 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set.  $\LaTeX$  support is available from the package.  
 URL: <https://ctan.org/pkg/cmoutlines>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>
- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts.* 2016-06-24. Version 1.0. LICENSE: lpl  
 URL: <https://ctan.org/pkg/dingbat>  
 MIRROR: <https://mirror.ctan.org/fonts/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript.* 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/mpstoeps>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12" Ruler containing Points and Inches.* 2025-07-20. LICENSE: lpl  
 URL: <https://ctan.org/pkg/pointruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment.* 2016-06-24. Version 1.0. LICENSE: lpl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.  
 URL: <https://ctan.org/pkg/getitems>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getitems>
- *The qrcode package. Generate QR codes in  $\LaTeX$ .* 2016-06-24. Version 1.51. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
- *The spot package. Spotlight highlighting for Beamer.* 2016-06-24. Version 1.1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/spot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
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 URL: <https://ctan.org/pkg/modroman>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
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 URL: <https://ctan.org/pkg/ellipsis>  
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 URL: <https://ctan.org/pkg/inlinedef>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/struktex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aurl>
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MIRROR: <https://mirror.ctan.org/support/xtexshell>
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URL: <https://ctan.org/pkg/linebreaker>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/linebreaker>
  - *The Lua-UCA package. Unicode Collation Algorithm library for Lua.* 2025-04-01. Version 0.1e. LICENSE: mit  
URL: <https://ctan.org/pkg/lua-uca>  
MIRROR: <https://mirror.ctan.org/support/lualibs/lua-uca>
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URL: <https://ctan.org/pkg/luavlna>  
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- package. The documentation was created by automatic conversion of original documentation in the source code.  
URL: <https://ctan.org/pkg/luaxml>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaxml>
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URL: <https://ctan.org/pkg/make4ht>  
MIRROR: <https://mirror.ctan.org/support/make4ht>
  - *The odsfile package. Read OpenDocument Spreadsheet documents as L<sup>A</sup>T<sub>E</sub>X tables.* 2025-10-31. Version 0.10. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/responsive>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats.* 2025-07-14. Version 0.4c. LICENSE: lppl1.3. This is a bundle of Lua scripts and L<sup>A</sup>T<sub>E</sub>X packages for conversion of L<sup>A</sup>T<sub>E</sub>X files to ebook formats such as epub, mobi and epub3. is used as the conversion engine.  
URL: <https://ctan.org/pkg/tex4ebook>  
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URL: <https://ctan.org/pkg/dblfloatfix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>
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URL: <https://ctan.org/pkg/empheq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
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URL: <https://ctan.org/pkg/mathtools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
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URL: <https://ctan.org/pkg/mh>



- Høgholm, Morten, Lars Madsen, Will Robertson, Joseph Wright, and Michael J. Downes. *The flexisym package. Symbol manipulation for breqn*. 2025-11-11. Version 0.98l. LICENSE: lpl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
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 MIRROR: <https://mirror.ctan.org/info/latex-mr>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schwalbe-chess>
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 URL: <https://ctan.org/pkg/nlatexdb>  
 MIRROR: <https://mirror.ctan.org/support/nlatexdb>
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 URL: <https://ctan.org/pkg/ratexdb>  
 MIRROR: <https://mirror.ctan.org/support/ratexdb>
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 URL: <https://ctan.org/pkg/msym>  
 MIRROR: <https://mirror.ctan.org/fonts/msym>
- Horn, Berthold K. P. and David Carlisle. *The psnfssx-em package. Support for the em family of fonts*. 2016-06-24. LICENSE: noinfo. The fonts were a commercial product of Y&Y, Inc, providing a set in Adobe Type 1 format that extended the Computer Modern set with accented glyphs suitable for arranging in L<sup>A</sup>T<sub>E</sub>X T1 encoding. This bundle provides a standard set of interfaces for using the



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 URL: <https://ctan.org/pkg/psnfssx-em>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/em>
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 URL: <https://ctan.org/pkg/bbold-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/bbold-type1>
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 URL: <https://ctan.org/pkg/lextex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/lextex>
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 URL: <https://ctan.org/pkg/lewis>  
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 URL: <https://ctan.org/pkg/appeqnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/appeqnum.sty>
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 URL: <https://ctan.org/pkg/cmpica>  
 MIRROR: <https://mirror.ctan.org/fonts/cmpica>
- *The epigram package. Display short quotations.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/epigram>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>
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- *The mflogo209 package. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
 URL: <https://ctan.org/pkg/mflogo209>  
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 URL: <https://ctan.org/pkg/resumemac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/resumemac>
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 URL: <https://ctan.org/pkg/tex-mag>  
 MIRROR: <https://mirror.ctan.org/info/digests/tex-mag>
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 URL: <https://ctan.org/pkg/varisize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/varisize>
- Hosek, Don, Leo Broska, and Don Hosek. *The breakcites package. Ensure that multiple citations may break at line end.* 2016-06-24. LICENSE: other-free. Makes a very minor change to the operation of the command. Note that the change is necessary in unmodified L<sup>A</sup>T<sub>E</sub>X; however, there remain packages that restore the undesirable behaviour of the command as provided in L<sup>A</sup>T<sub>E</sub>X 2.09. (Note that neither nor make this mistake.)  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
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 MIRROR: <https://mirror.ctan.org/fonts/amiri>

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MIRROR: <https://mirror.ctan.org/fonts/xits>
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URL: <https://ctan.org/pkg/punknova>  
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- Hosoda, Masamichi. *The extractpdfmark package*. Extract page mode and named destinations as PDFmark from PDF. 2022-10-02. Version 1.1.1. LICENSE: gpl3+  
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URL: <https://ctan.org/pkg/noconflict>  
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URL: <https://ctan.org/pkg/polynomial>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynomial>
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URL: <https://ctan.org/pkg/hletter>  
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 URL: <https://ctan.org/pkg/showkerning>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/showkerning>
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URL: <https://ctan.org/pkg/xbibtex>  
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URL: <https://ctan.org/pkg/color-edits>  
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MIRROR: <https://mirror.ctan.org/fonts/thai/rmit>

— *The thai-us1 package. A font for Thai script*. 2016-06-24. LICENSE: noinfo  
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URL: <https://ctan.org/pkg/chroma>  
MIRROR: <https://mirror.ctan.org/info/colour/chroma>

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URL: <https://ctan.org/pkg/xcolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcolor>

Kerstan, Henning. *The exercisepoints package. A  $\LaTeX$  package to count exercises and points*. 2019-01-05. Version 1.2.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/exercisepoints>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grading-scheme>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a0poster>



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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/acronym.sty>
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 URL: <https://ctan.org/pkg/beamertools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamertools>
- *The complexpolylongdiv package. Typesetting (complex) polynomial long division*. 2025-12-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/complexpolylongdiv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/complexpolylongdiv>
- Khalighi, Vafa and bidi-tex GitHub Organisation. *The bidi package. Bidirectional typesetting in plain T<sub>E</sub>X and E<sub>T</sub><sub>X</sub>, using XeTeX or LuaTeX*. 2026-01-08. Version 26.01.08. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bidi>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/generic/bidi>
- *The bidi-atbegshi package. Bidi-aware shipout macros*. 2025-12-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bidi-atbegshi>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidi-atbegshi>
- *The bidicontour package. Bidi-aware coloured contour around text*. 2025-12-06. Version 0.2. LICENSE: lppl1.3. The package is a re-implementation of the package, making it bidi-aware, and adding support of the (when the option of the package is used).  
 URL: <https://ctan.org/pkg/bidicontour>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidicontour>
- *The bidihl package. Experimental bidi-aware text highlighting*. 2025-12-06. Version 0.1c. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bidihl>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidihl>
- *The bidipagegrid package. Bidi-aware page grid in background*. 2025-12-06. Version 0.2. LICENSE: lppl1.3. The package is based on .  
 URL: <https://ctan.org/pkg/bidipagegrid>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidipagegrid>
- *The bidipresentation package. Experimental bidi presentation*. 2025-12-06. Version 0.3. LICENSE: lppl1.3. A great portion of the code is borrowed from the bundle, with modifications to get things working properly in both right to left and left to right modes.  
 URL: <https://ctan.org/pkg/bidipresentation>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidipresentation>
- *The bidishadowtext package. Bidi-aware shadow text*. 2025-12-06. Version 0.1. LICENSE: lppl1.3. This package allows you to typeset bidi-aware shadow text. It is a re-implementation of the package adding bidi support.  
 URL: <https://ctan.org/pkg/bidishadowtext>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>
- *The crbox package. Boxes with crossed corners*. 2025-12-06. Version 0.1. LICENSE: lppl. The package implements a command which produces boxes with crossing lines at the corners.  
 URL: <https://ctan.org/pkg/crbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crbox>
- *The fahyph package. Hyphenation patterns for Persian (in Unicode)*. 2025-12-06. Version 0.002. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fahyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/fahyph>
- *The FriBidiXeTeX package. A pre-processor for XeTeX files to support unicode bidirectional algorithm*. 2025-12-06. Version 0.0.2. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/fribidixetex>  
 MIRROR: <https://mirror.ctan.org/support/fribidixetex>
- *The ftnxtra package. Extend the applicability of the \footnote command*. 2025-12-06. Version 0.1. LICENSE: lppl. The package treats footnotes in , the environment, and other -like commands.  
 URL: <https://ctan.org/pkg/ftnxtra>  
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URL: <https://ctan.org/pkg/ghab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ghab>
- *The imspc package. Typeset IMS conference proceedings*. 2025-12-06. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/impspc>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/impspc>
  - *The mpgraphics package. Process and display MetaPost figures inline*. 2025-12-06. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mpgraphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mpgraphics>
  - *The parisa package. Parisa family of fonts*. 2025-12-06. Version 0.1. LICENSE: gpl3  
URL: <https://ctan.org/pkg/parisa>  
MIRROR: <https://mirror.ctan.org/fonts/parisa>
  - *The parsitex package. A localized Persian and bidirectional extension of  $\text{\TeX}$* . 2025-12-06. Version 3.10. LICENSE: pd  
URL: <https://ctan.org/pkg/parsitex>  
MIRROR: <https://mirror.ctan.org/systems/parsitex>
  - *The roundbox package. Round boxes in  $\text{\LaTeX}$* . 2025-12-06. Version 0.2. LICENSE: lppl1.3. This package implements a command that can be used, in  $\text{\LaTeX}$ , for producing boxes, framed with rounded corners.  
URL: <https://ctan.org/pkg/roundbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/roundbox>
  - *The showcharinbox package. Show characters inside a box*. 2025-12-06. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/showcharinbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showcharinbox>
  - *The simurgh package. Typeset Parsi in LuaLaTeX*. 2025-12-06. Version 0.01b. LICENSE: gpl2  
URL: <https://ctan.org/pkg/simurgh>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/simurgh>
  - *The tram package. Typeset tram boxes in  $\text{\LaTeX}$* . 2025-12-06. Version 0.2. LICENSE: lppl. Tram boxes are highlighted with patterns of dots; the package defines an environment that typesets its content into a tram box. The pattern used may be selected in an optional argument to the environment.  
URL: <https://ctan.org/pkg/tram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tram>
  - *The unicode-bidi package. Experimental unicode bidi package for XeTeX*. 2025-12-06. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/unicode-bidi>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unicode-bidi>
  - *The xecolor package. Support for color in  $\text{\LaTeX}$* . 2025-12-06. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xecolor>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecolor>
  - *The xecolour package. Support for colour in  $\text{\LaTeX}$* . 2025-12-06. Version 0.1. LICENSE: lppl. This package is a predecessor of the newer package; but it was decided that it should remain available for the benefit of users wishing to run their old  $\text{\TeX}$  files using .  
URL: <https://ctan.org/pkg/xecolour>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/xetex/latex/xecolour>
  - *The XePersian package. Persian for  $\text{\LaTeX}$ , using LuaTeX or XeTeX*. 2026-01-01. Version 26.01.01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xepersian>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xepersian>
  - *The xindy-persian package. Support for the Persian language in xindy*. 2025-12-06. Version 0.8. LICENSE: lppl1.3. The package offers Persian language support for indexing using .  
URL: <https://ctan.org/pkg/xindy-persian>  
MIRROR: <https://mirror.ctan.org/indexing/xindy/contrib/xindy-persian>
- Khalighi, Vafa and Hiroshi Nakashima. *The arydshln package. Draw dash-lines in array/tabular*. 2025-10-30. Version 1.76. LICENSE: lppl1  
URL: <https://ctan.org/pkg/arydshln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arydshln>
- Khalighi, Vafa and Hiroshi Nakashima. *The newvbtm package. Define your own verbatim-like environment*. 2025-10-30. Version 1.1. LICENSE: lppl. Defines general purpose macro named to define your own verbatim-like environment. It also has a supplementary style file varvbtm.sty to provide set of macros for variants of verbatim, such as tab emulation.

- URL: <https://ctan.org/pkg/newvbtm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newvbtm>
- *The umoline package*. Underline text allowing line breaking. 2025-10-30. LICENSE: lppl. Provides commands `\underline`, `\del` and `\overline` for underlining, striking out, and overlining their text arguments.  
URL: <https://ctan.org/pkg/umoline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umoline>
  - *The yafoot package*. A bundle of miscellaneous footnote packages. 2025-10-30. Version 1.1. LICENSE: lppl. Contains three packages: `\footnotetext` – to number footnotes per page; `\footnotemark` – to control the position of footnotes; and `\footnotetext` – to make footnotes double-columned.  
URL: <https://ctan.org/pkg/yafoot>  
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URL: <https://ctan.org/pkg/luabidi>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luabidi>
- Khodulev, Andrey, Olga Lapko, Alexander Berdnikov, and Vladimir Volovich. *The lh package*. Cyrillic fonts that support  $\LaTeX$  standard encodings. 2016-06-24. Version 3.5g. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/fonts/cyrillic/lh>
- Kieda, Yuwsuke. *The correctmathalign package*. Correct spacing of the alignment in expressions. 2018-01-07. Version 1.1. LICENSE: bsd  
URL: <https://ctan.org/pkg/correctmathalign>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/correctmathalign>
- *The mathpunctspace package*. Control the space after punctuation in math expressions. 2018-02-27. Version 1.1. LICENSE: bsd2  
URL: <https://ctan.org/pkg/mathpunctspace>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathpunctspace>
  - *The uppunctlm package*. Always keep upright shape for some punctuation marks and Arabic numerals. 2017-04-03. Version 0.1. LICENSE: gfsf  
URL: <https://ctan.org/pkg/uppunctlm>  
MIRROR: <https://mirror.ctan.org/fonts/uppunctlm>
  - *The variablelm package*. Font definitions for the variable Latin Modern fonts. 2021-07-22. Version 1.2. LICENSE: gfl  
URL: <https://ctan.org/pkg/variablelm>  
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URL: <https://ctan.org/pkg/elpres>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elpres>
- *The references package*. Bibliographic software supporting  $\LaTeX$ /BibTeX. 2016-06-24. Version 4.3d. LICENSE: gpl  
URL: <https://ctan.org/pkg/references>  
MIRROR: <https://mirror.ctan.org/support/references>
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URL: <https://ctan.org/pkg/bahaistar>  
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- Kielhorn, Axel. *The adrconv package*. BibTeX styles to implement an address database. 2025-10-29. Version 1.4. LICENSE: lppl1.3. The bundle provides a collection of BibTeX style files to turn an address database stored in the format into files suitable for printing as address books or included into letter classes like `\documentclass{letter}`. The data may be sorted either by name or birthday and output provides files in various formats for address books or time planners.  
URL: <https://ctan.org/pkg/adrconv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adrconv>
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URL: <https://ctan.org/pkg/akletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akletter>
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URL: <https://ctan.org/pkg/lexikon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lexikon>
- *The manfnt package*. LaTeX support for the  $\TeX$  book symbols. 2020-04-03. LICENSE: lppl. A  $\LaTeX$  package for easy access to the symbols of the Knuth's *TeX*, such as the Dangerous Bend and Manual-errata Arrow.

- URL: <https://ctan.org/pkg/manfnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/manfnt>
- *The myletter package. An old letter class.* 2016-06-24. LICENSE: lppl. The class is superseded by the author's .  
URL: <https://ctan.org/pkg/myletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akletter>
  - *The wasysym package. LaTeX support for the wasy fonts.* 2020-02-02. Version 2.4. LICENSE: lppl1.3c. The (Waldi Symbol) font by Roland Waldi provides many glyphs like male and female symbols and astronomical symbols, as well as the complete lasy font set and other odds and ends. This package implements an easy to use interface for these symbols.  
URL: <https://ctan.org/pkg/wasysym>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wasysym>
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URL: <https://ctan.org/pkg/refman>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refman>
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URL: <https://ctan.org/pkg/docarc>
- Kiesel, Matthias Jolle. *The javadoc package. Documenting source code.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/javadoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/javadoc>
- Kiffe, Tom. *The cmactex package. TeX for the Macintosh.* 2024-07-25. Version 4.5. LICENSE: shareware  
URL: <https://ctan.org/pkg/cmactex>  
MIRROR: <https://mirror.ctan.org/systems/mac/cmactex>
- *The pdftex-oztex package. pdfTeX designed to run with OzTeX.* 2019-02-03. Version 14c. LICENSE: shareware  
URL: <https://ctan.org/pkg/pdftex-oztex>  
MIRROR: <https://mirror.ctan.org/obsolete/systems/mac/pdftex>
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MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>

- *The vfware package. Tools for virtual font metrics.* 2021-08-26. LICENSE: knuth  
 URL: <https://ctan.org/pkg/vfware>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/etc>
- *The weave package. Generate T<sub>E</sub>X source from web.* 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth’s that produces T<sub>E</sub>X input from the web representation of a program, ready for typesetting.  
 URL: <https://ctan.org/pkg/weave>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/weave.web>
- *The web package. The original literate programming system.* 2016-06-24. Version 4.5. LICENSE: knuth. The system processes ‘web’ files in two ways: firstly to rearrange them to produce compilable code (using the program ), and secondly to produce a T<sub>E</sub>X source (using the program ) that may be typeset for comfortable reading.  
 URL: <https://ctan.org/pkg/web>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web>
- Knuth, Donald E. and Rohit Grover. *The punk package. Donald Knuth’s punk font.* 2021-08-26. LICENSE: knuth  
 URL: <https://ctan.org/pkg/punk>  
 MIRROR: <https://mirror.ctan.org/fonts/punk>
- Knuth, Donald E. and Taco Hoekwater. *The manual package. Knuth’s “manual” fonts.* 2025-12-23. LICENSE: knuth. Metafont (by Donald Knuth) and Adobe Type 1 (by Taco Hoekwater) versions of the font containing the odd symbols Knuth uses in his books. L<sup>A</sup>T<sub>E</sub>X support is available using the package  
 URL: <https://ctan.org/pkg/manual>  
 MIRROR: <https://mirror.ctan.org/fonts/manual>
- *The mflogo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth  
 URL: <https://ctan.org/pkg/mflogo-font>  
 MIRROR: <https://mirror.ctan.org/fonts/mflogo>
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 URL: <https://ctan.org/pkg/latex-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/latex>
- Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for Metafont: gftodvi, gftopk, gftype, mft.* 2025-10-31. LICENSE: pd. A collection of programs (as web source) for processing the output of . They include: gftodvi (for making proof sheets of letters); gftopk (translate gf bitmap files to pk bitmaps); gftype (human-readable dump of gf files); mft (prettyprint Metafont source).  
 URL: <https://ctan.org/pkg/mfware>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mfware>
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 URL: <https://ctan.org/pkg/cweb>  
 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cweb](https://mirror.ctan.org/web/c_cpp/cweb)
- Knuutila, Timo. *The tpcmfnt package. Computer modern fonts in “true point sizes”.* 2025-07-20. Version 1.1. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tpcmfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>
- Koch, Dick. *The texshop package. TeX front end for use on MacOS X.* 2025-10-04. Version 5.57. LICENSE: gpl2. TeXShop is a T<sub>E</sub>X previewer for Mac OS X, written in Cocoa. T<sub>E</sub>XShop uses and in its default configuration, to conform with Mac OS X’s predilection for PDF.  
 URL: <https://ctan.org/pkg/texshop>  
 MIRROR: <https://mirror.ctan.org/support/texshop>
- Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips.* 2019-05-01. Version 1.1. LICENSE: gpl3+. This L<sup>A</sup>T<sub>E</sub>X package uses and to surround citations with PDF tooltips.  
 URL: <https://ctan.org/pkg/xcpdftips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
- Kockaert, Pascal. *The psfragx package. A psfrag eXtension.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psfragx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psfragx>
- Koellner, Armin. *The VSliTeX package. Virtual invisible fonts for use with L<sup>A</sup>T<sub>E</sub>X Slides class.* 2016-06-24. Version 0.4. LICENSE: noinfo. The L<sup>A</sup>T<sub>E</sub>X 2.09-based program SliTeX, and the corresponding L<sup>A</sup>T<sub>E</sub>X class, use invisible fonts when producing multi-coloured overlays on foils. SliTeX distributions included a set of invisible versions of the Metafont sources of the Computer Modern fonts (an odd concept, but it worked). The present bundle provides a (somewhat more intellectually satisfying) set of virtual fonts that provide the same information (i.e., effectively metrics only) without the need to compile a Metafont source to get it.



- URL: <https://ctan.org/pkg/vslitex>  
MIRROR: <https://mirror.ctan.org/fonts/vf-files/vslitex>
- Koenig, Paul Eduard. *The FraGoLi package. Macros for constructing complex semantic derivations*. 2025-11-11. Version 1.2.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fragoli>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragoli>
- *The rainbowbrackets package. Automatic coloring of nested parentheses*. 2025-08-05. Version 1.3.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/rainbowbrackets>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rainbowbrackets>
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URL: <https://ctan.org/pkg/mid2tex>  
MIRROR: <https://mirror.ctan.org/support/mid2tex>
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URL: <https://ctan.org/pkg/lcdf-typetools>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
- *The mmafm package. Font metrics for multiple-master font*. 2017-04-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/mmamfm>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmpfb package. Create instance of multiple-master font*. 2017-04-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/mmpfb>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmttools package. Multiple master fonts tools*. 2025-07-21. Version 1.13. LICENSE: gpl  
URL: <https://ctan.org/pkg/mmttools>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>
- Kohlhase, Michael. *The dfghproposal package. Support for writing proposals to the DFG*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dfghproposal>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The ed package. Editorial Notes for L<sup>A</sup>T<sub>E</sub>X documents*. 2017-04-18. Version 1.8. LICENSE: lppl1  
URL: <https://ctan.org/pkg/ed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ed>
  - *The errata package. Error markup for L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/errata>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/errata>
  - *The euproposal package. A class for preparing FP7 proposals*. 2016-06-24. Version 0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/euproposal>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
  - *The proposal package. A set of L<sup>A</sup>T<sub>E</sub>X classes for preparing proposals for collaborative projects*. 2017-04-18. LICENSE: lppl  
URL: <https://ctan.org/pkg/proposal>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- Kohlhase, Michael and Dennis Müller. *The sTeX package. An infrastructure for semantic preloading of L<sup>A</sup>T<sub>E</sub>X documents*. 2025-11-11. Version 4.0.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/stex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stex>
- Kohm, Markus. *The defoldfonts package. Define old font commands*. 2025-09-29. Version 1.1. LICENSE: lppl1.3c. In 1994, with L<sup>A</sup>T<sub>E</sub>X2e, the old font commands , , , , , and became obsolete. This package defines them, and also the deprecated KOMA-Script command .  
URL: <https://ctan.org/pkg/defoldfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/defoldfonts>
- *The floatbytocbasic package. An enhancement to package float using package tocbasic*. 2023-08-20. Version 1.0. LICENSE: lppl1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.  
URL: <https://ctan.org/pkg/floatbytocbasic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatbytocbasic>
- Kohm, Markus. *The floatrowbytocbasic package. An enhancement to package floatrow using package tocbasic*. 2023-08-20. Version 1.0. LICENSE: lppl1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.

- URL: <https://ctan.org/pkg/floatrowbytocbasic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatrowbytocbasic>
- *The gridset package*. *Grid, a.k.a. in-register, setting*. 2024-08-17. Version 0.4. LICENSE: lppl1.3c. Grid setting — also known as strict in-register setting — is something, that should be done for a lot of documents but is not easy using  $\LaTeX$ . The package helps to get the information needed for grid setting. It does not implement auto grid setting, but there is a command `\gridset`, that moves to the next grid position. This may be enough under some circumstances, but in other circumstances it may fail. Thus gridset is only one more step for grid setting, not a complete solution.  
URL: <https://ctan.org/pkg/gridset>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridset>
  - *The GS1 package*. *Typeset EAN barcodes using  $\TeX$  rules, only*. 2025-11-11. Version 23. LICENSE: lppl1.3c. The (LaTeX3) package typesets EAN-8 and EAN-13 barcodes, using the facilities of the package.  
URL: <https://ctan.org/pkg/gs1>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
  - *The koma-script package*. *A bundle of versatile classes and packages*. 2025-12-01. Version 3.49. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The koma-script-examples package*. *Examples from the KOMA-Script book*. 2022-07-04. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-examples>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-6>
  - *The koma-script-examples-3 package*. *Examples from the 3rd edition of the KOMA-Script book*. 2025-07-08. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-examples-3>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-3>
  - *The koma-script-examples-4 package*. *Examples from the 4th edition of the KOMA-Script book*. 2025-07-08. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-examples-4>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-4>
  - *The koma-script-examples-5 package*. *Examples from the 5th edition of the KOMA-Script book*. 2025-07-08. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-examples-5>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-5>
  - *The koma-script-obsolete package*. *Deprecated packages from KOMA-Script*. 2025-12-05. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-obsolete>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The longtwocolumn package*. *A twocolumn alternative allowing automatic page breaks*. 2025-07-25. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/longtwocolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longtwocolumn>
  - *The lscapenanced package*. *An enhancement to the lscape and pdfscape packages*. 2024-04-21. Version 1.0. LICENSE: lppl1.3c. The package solves an issue with the detection of text height, e.g., by package `lscapenanced` or `pdfscape`, when using the environment of package `lscapenanced` or `pdfscape`.  
URL: <https://ctan.org/pkg/lscapenanced>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lscapenanced>
  - *The luaindex package*. *Create index using LuaLaTeX*. 2016-06-24. Version 0.1b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luaindex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaindex>
  - *The makelabels package*. *Add a “\makelabels” feature to KOMA-Script letter classes and package*. 2021-08-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makelabels>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makelabels>
  - *The marginnote package*. *Notes in the margin, even where \marginpar fails*. 2026-01-05. Version 1.4d. LICENSE: lppl1.3c. This package provides the command `\marginnote` that may be used instead of `\marginpar` at almost every place where `\marginpar` cannot be used, e.g., inside floats, footnotes, or in frames made with the package.  
URL: <https://ctan.org/pkg/marginnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginnote>
  - *The normalcolor package*. *Changing \normalcolor*. 2016-11-16. Version r11. LICENSE: lppl1.3. This package provides a command `\normalcolor` with the same syntax as the command `\color` of package `color` or of package `xcolor`. However, will not change the colour but the / color.  
URL: <https://ctan.org/pkg/normalcolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/normalcolor>
- Kohm, Markus. *The pfarrei package*. *LaTeX support of pastors’ and priests’ work*. 2023-11-22. Version r37. LICENSE: lppl1.3. In “Die  $\TeX$ nische Komödie” (issue 1/2013) Christian Justen described his use of  $\LaTeX$  in his work as priest (similar requirements may be

encountered in the work of pastors and other ministers of religion). One point was to arrange A5 pages onto A4 landscape paper, either side-by-side or as a booklet. Justen made two bash scripts for this job; the package provides one texlua script for both requirements. (Note that file should have execute permissions in any installation.)

URL: <https://ctan.org/pkg/pfarrei>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pfarrei>

- *The rule-d package*. Provide  $\TeX$ 3 commands for typesetting rules. 2025-11-11. Version 23. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/rule-d>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gsl>

- *The scraddr package*. Provide data from `scrlltr2`'s address files. 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.

URL: <https://ctan.org/pkg/scraddr>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrartcl package*. KOMA-Script 'article' class. 2025-12-05. Version 3.49. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scrartcl>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrbase package*. Provide basic features for KOMA-Script. 2025-12-01. Version 3.49. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scrbase>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrbook package*. KOMA-Script 'book' class. 2025-12-05. Version 3.49. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/scrbook>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrdate package*. Calendar date operations. 2025-12-01. Version 3.49. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scrdate>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrextend package*. Use of components of KOMA-Script by other packages. 2025-12-01. Version 3.49. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scrextend>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scrhack package*. Compatibility package to emulate the former KOMA-Script package `scrhack`. 2025-11-11. Version 3.42. LICENSE: lppl1.3c. Up to version 3.41, the `scrhack` package was part of . It was originally intended to improve the compatibility of third-party packages with KOMA-Script. However, most of the so-called hacks also added additional functionality to the corresponding third-party package. On the other hand, it was sometimes urgent to react to a change in such a third-party package, which was difficult to do from within a large collection like KOMA-Script. Therefore, the `scrhack` part of KOMA-Script was split into several independent packages. And the `scrhack` spin-off was made to emulate the former KOMA-Script package of the same name.

URL: <https://ctan.org/pkg/scrhack>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrhack>

- *The scrjura package*. KOMA-Script support for lawyers, etc. 2025-12-05. Version 3.49. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scrjura>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The sclayer package*. Manage text 'layers' within KOMA-Script. 2025-12-05. Version 3.49. LICENSE: lppl1.3c. The package is part of the , and provides control of 'background' and 'foreground' layers for a page style description.

URL: <https://ctan.org/pkg/sclayer>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The sclayer-fancyhdr package*. Combining `fancyhdr` with KOMA-Script's `sclayer`. 2025-02-10. Version 0.4. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/sclayer-fancyhdr>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sclayer-fancyhdr>

- *The sclayer-notecolumn package*. Control note columns parallel to the main text. 2025-11-11. Version 0.3.4145. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/sclayer-notecolumn>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The sclayer-scrpage package*. Define and manage page styles. 2025-12-01. Version 3.49. LICENSE: lppl1.3c. This package is the part of the bundle that provides an end user interface to , allowing the user to define and manage page styles by controlling page headers and footers. The end user interface is compatible enough to that of the earlier package, so that users should easily be able to switch from the older package to the newer, more powerful, one.

URL: <https://ctan.org/pkg/sclayer-scrpage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- Kohm, Markus. *The scrletter package. Letter extension to KOMA-Script classes*. 2025-12-05. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrfile package. Installation control for KOMA-Script packages*. 2025-12-05. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scr1tr2 package. KOMA-Script ‘letter’ class*. 2025-12-05. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scr1tr2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrpage2 package. Control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X*. 2022-07-04. Version 3.30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrpage2>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The scrreprt package. KOMA-Script ‘report’ class*. 2025-12-05. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrreprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run*. 2025-12-01. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrtime>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files*. 2023-04-28. Version 0.1.99. LICENSE: lppl1.3c. The package provides a means of sending all L<sup>A</sup>T<sub>E</sub>X , table of contents, and other miscellaneous output via the L<sup>A</sup>T<sub>E</sub>X file. The mechanism subverts the mechanism of , and means there will never be a “No room for new ” message.  
 URL: <https://ctan.org/pkg/scrwfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrwfile>
  - *The setspaceenhanced package. An enhancement of the setspace package*. 2025-11-11. Version 1.04. LICENSE: lppl1.3c. This package adds support for all font sizes, even non-integer resp. non-pt sizes to package . This not only improves compatibility with KOMA-Script but also corrects the stretch value of the usual font sizes.  
 URL: <https://ctan.org/pkg/setspaceenhanced>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspaceenhanced>
  - *The splitindex package. Unlimited number of indexes*. 2020-03-09. Version 1.2c. LICENSE: lppl. SplitIndex consists of a L<sup>A</sup>T<sub>E</sub>X package, , and a small program, . The package may be used to produce one index or several indexes. Without splitindex (for example, using the package), the number of indexes is limited by the number of T<sub>E</sub>X’s output streams. But using the program you may use even more than 16 indexes: splitidx outputs only a single file and the program splits that file into several raw index files and calls your favorite index processor for each of the files.  
 URL: <https://ctan.org/pkg/splitindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/splitindex>
  - *The standardsectioning package. Define sectioning commands identical to the standard classes*. 2025-09-29. Version 0.10. LICENSE: lppl1.3c. The package implements the sectioning commands fully compatible with the standard classes. This is intended, e.g., to make the KOMA-Script classes work with packages like , which depend on the implementation of these commands.  
 URL: <https://ctan.org/pkg/standardsectioning>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standardsectioning>
  - *The tocbasic package. Management of tables/lists of contents (and the like)*. 2025-12-01. Version 3.49. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tocbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
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 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamathalign>
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 URL: <https://ctan.org/pkg/luamml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamml>
  - *The luapstricks package. A PSTricks backend for LuaL<sup>A</sup>T<sub>E</sub>X.* 2026-01-10. Version 0.11. LICENSE: lppl1.3. This package enables the use of directly in LuaL<sup>A</sup>T<sub>E</sub>X documents, without invoking external programmes, by implementing a PostScript interpreter in Lua.



Therefore it does not require shell escape to be enabled or special environments, and instead allows PSTricks to be used exactly like in based documents.

URL: <https://ctan.org/pkg/luapstricks>

MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/luapstricks>

Krüger, Marcel. *The show-pdf-tags package. Extract PDF tags from tagged PDF files.* 2025-10-18. Version 1.3. LICENSE: mit

URL: <https://ctan.org/pkg/show-pdf-tags>

MIRROR: <https://mirror.ctan.org/support/show-pdf-tags>

Kruljac, Gabriele. *The autotab package. Generating tabulars from input data.* 2019-06-21. Version 1.0. LICENSE: noinfo. The package defines a command which prompts the user for the name of a file of data. The commands one numeric argument <N> specifies the number of fields to appear in the table being generated; the package reads <N> lines at a time from the data file, and creates one tabular line from each such set.

URL: <https://ctan.org/pkg/autotab>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/autotab>

Krumeich, Alexander. *The biber-linux-aarch64 package. Biber binaries for Linux\_aarch64.* 2025-10-28. Version 2.21. LICENSE: artistic2. These are binaries for the linux-aarch64 platform. See for documentation, sources, and all else.

URL: <https://ctan.org/pkg/biber-linux-aarch64>

MIRROR: <https://mirror.ctan.org/biblio/biber/biber-linux-aarch64>

Kryukov, Alexey. *The antomega package. Alternative language support for Omega/Lambda.* 2016-06-24. Version 0.8. LICENSE: lppl. A language support package for /Lambda. This replaces the original package for use with Lambda, and provides extra facilities (including -like language switching, which eases porting of L<sup>A</sup>T<sub>E</sub>X documents to Lambda).

URL: <https://ctan.org/pkg/antomega>

MIRROR: <https://mirror.ctan.org/obsolete/systems/omega/contrib/antomega>

— *The cm-lgc package. Type 1 CM-based fonts for Latin, Greek and Cyrillic.* 2016-06-24. Version 0.5. LICENSE: gpl

URL: <https://ctan.org/pkg/cm-lgc>

MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-lgc>

— *The grkfinst package. Install Greek Type 1 fonts.* 2016-06-24. Version 0.3.2. LICENSE: lppl

URL: <https://ctan.org/pkg/grkfinst>

MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/grkfinst>

— *The ofntinst package. Install Type 1 for use with Omega.* 2016-06-24. Version 0.2.2. LICENSE: lppl. This is a plug-in for , which takes several Type 1 fonts and merges them into one large (Unicode) virtual font for use with Omega.

URL: <https://ctan.org/pkg/ofntinst>

MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/ofntinst>

Kryukov, Alexey and Christian Justen. *The psgreek package. LaTeX support for Greek Type 1 fonts.* 2016-06-24. Version 0.6. LICENSE: other-nonfree

URL: <https://ctan.org/pkg/psgreek>

MIRROR: <https://mirror.ctan.org/fonts/greek/psgreek>

Kryukov, Alexey, Nikola Lečić, Robert Alessi, Bob Tennent, and Antonis Tsolomitis. *The OldStandard package. OldStandard fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2024-03-04. Version 2.7a. LICENSE: ofl,gfl,lppl,fdl

URL: <https://ctan.org/pkg/oldstandard>

MIRROR: <https://mirror.ctan.org/fonts/oldstandard>

Kubica, Marek. *The texments package. Using the Pygments highlighter in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.2.0. LICENSE: lppl. A package which allows to use the Pygments highlighter inside L<sup>A</sup>T<sub>E</sub>X documents. supports syntax colouring of over 50 types of files, and ships with multiple colour schemes.

URL: <https://ctan.org/pkg/texments>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texments>

Kuhlmann, Marco. *The fmp package. Include Functional MetaPost in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-18. LICENSE: lppl

URL: <https://ctan.org/pkg/fmp>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fmp>

Kuhlmann, Vincent. *The highlightlatex package. Syntax highlighting for L<sup>A</sup>T<sub>E</sub>X.* 2021-03-18. LICENSE: mit. This package provides extensive colored syntax highlighting for L<sup>A</sup>T<sub>E</sub>X. For this purpose it builds on the generic package.

URL: <https://ctan.org/pkg/highlightlatex>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/highlightlatex>

Kuhlmann, Volker. *The dvipsconfig package. Collection of dvips PostScript headers.* 2016-06-24. Version 1.6. LICENSE: gpl

URL: <https://ctan.org/pkg/dvipsconfig>

MIRROR: <https://mirror.ctan.org/dviware/dvipsconfig>



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 URL: <https://ctan.org/pkg/ieeepes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ieeepes>
- *The lhelp package*. Miscellaneous helper packages. 2025-11-11. Version 2.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lhelp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lhelp>
  - *The listbib package*. Lists contents of BibTeX files. 2016-06-24. Version 2.2. LICENSE: gpl. Generates listings of bibliographic data bases in format — for example for archival purposes. Included is a listbib.bst which is better suited for this purpose than the standard styles.  
 URL: <https://ctan.org/pkg/listbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listbib>
  - *The makefonts package*. Shell scripts to generate bitmaps from Metafont sources. 2016-06-24. Version 2.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/makefonts>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/makefonts>
  - *The photo package*. A float environment for photographs. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/photo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/photo>
  - *The savefnmark package*. Save name of the footnote mark for reuse. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/savefnmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savefnmark>
  - *The vmargin package*. Set various page dimensions. 2018-01-06. Version 2.5. LICENSE: lppl. Provides a macro to set various margins as well as dimensions for header/footer and page dimensions. Most common paper sizes, paper orientation, disabling of headers and footers, and two sided printing are supported. The vmargin package does not rely on other packages and was designed with speed and size in mind. Its user interface might not be very fancy, but it's fast, small, and gets the job done. If you are looking for something more elaborate try the package.  
 URL: <https://ctan.org/pkg/vmargin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vmargin>
  - *The vpage package*. Set page sizes. 2025-11-11. LICENSE: lppl. Set page sizes for many different pages. This package is now superseded by .  
 URL: <https://ctan.org/pkg/vpage>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/vpage.sty>
- Kuhlmann, Volker and Matthew Hebley. *The listing package*. Produce formatted program listings. 2018-01-06. Version 1.2. LICENSE: lppl. The listing environment is provided and is similar to figure and table, although it is not a floating environment. Includes support for , , , and introduces , , . It produces a file. It does not change (unless the option is used), so packages that change the layout of still work.  
 URL: <https://ctan.org/pkg/listing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listing>
- Kuhn, Jonathan. *The interactiveworkbook package*. LaTeX-based interactive PDF on the Web. 2016-06-24. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveworkbook>
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 URL: <https://ctan.org/pkg/ascelike>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ascelike>
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 URL: <https://ctan.org/pkg/bchart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bchart>
- Kühn, Wolfgang. *The ite package*. Interactive  $\TeX$  editor. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/ite>  
 MIRROR: <https://mirror.ctan.org/support/ite>
- Kuhnert, Sebastian. *The apptools package*. Tools for customising appendices. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an command to add code to a hook that is executed when is called by the user. Additionally, a  $\TeX$  conditional and a  $\LaTeX$ -style conditional are provided to check if has already been called.  
 URL: <https://ctan.org/pkg/apptools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apptools>
- *The bibleref-parse package*. Specify Bible passages in human-readable format. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package parses Bible passages that are given in human readable format. It accepts a wide variety of formats. This allows for a

- simpler and more convenient interface to the functionality of the package.  
 URL: <https://ctan.org/pkg/bibleref-parse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-parse>
- Kuiken, Gerard. *The ushyph package. US hyphenation patterns*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ushyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ushyph>
- Kuipers, Tobias. *The harpoon package. Extra harpoons, using the graphics package*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/harpoon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harpoon>
- Kukovec, Rok. *The exam-lite package. Quicker preparation of exams in L<sup>A</sup>T<sub>E</sub>X*. 2023-02-08. LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/exam-lite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exam-lite>
- *The jourcl package. Cover letter for journal submissions*. 2022-12-16. LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/jourcl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jourcl>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jourrr>
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 URL: <https://ctan.org/pkg/thesis-gwu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thesis-gwu>
- Kumar, Anagha. *The gradstudentresume package. A generic template for graduate student resumes*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gradstudentresume>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradstudentresume>
- *The medstarbeamer package. Beamer document class for MedStar Health Research Institute*. 2018-04-22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/medstarbeamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/medstarbeamer>
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 MIRROR: <https://mirror.ctan.org/info/MFwL>
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 URL: <https://ctan.org/pkg/hindawi-latex-template>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hindawi-latex-template>
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 URL: <https://ctan.org/pkg/blackboard>  
 MIRROR: <https://mirror.ctan.org/info/symbols/blackboard>
- *The doublestroke package. Typeset mathematical double stroke symbols*. 2016-07-29. Version 1.111. LICENSE: other-free  
 URL: <https://ctan.org/pkg/doublestroke>  
 MIRROR: <https://mirror.ctan.org/fonts/doublestroke>
- *The morehelp package. Improve L<sup>A</sup>T<sub>E</sub>X error messages*. 2019-06-21. Version 0.1alpha. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/morehelp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morehelp>
- Kummer, Olaf and Mark Shoulson. *The okuda package. Fonts for Klingon*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/okuda>  
 MIRROR: <https://mirror.ctan.org/fonts/okuda>
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 URL: <https://ctan.org/pkg/jkthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jkthesis>
- Kurz, Vladislav and Daniel Taupin. *The t1-fraktur package. A pair of fraktur font families in T1 encoding*. 2025-07-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/t1-fraktur>  
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 URL: <https://ctan.org/pkg/hideanswer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hideanswer>
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 URL: <https://ctan.org/pkg/inlinelabel>  
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- *The jpneduenumerate package. Enumerative expressions in Japanese education.* 2024-11-19. Version 1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/jpneduenumerate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpneduenumerate>
- *The jpnedumathsymbols package. Mathematical equation representation in Japanese education.* 2024-11-24. Version 1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/jpnedumathsymbols>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpnedumathsymbols>
- Kuska, Jens-Peer. *The mathematica package. Support for fonts distributed with Mathematica.* 2016-06-24. LICENSE: lppl. Virtual T<sub>E</sub>X fonts that can be used with the PostScript fonts distributed with Mathematica 3.0. The archives use a conforming directory structure. A style file for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> is included, that enables use of the fonts and the new symbols from L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>.  
 URL: <https://ctan.org/pkg/mathematica>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/Mathematica3.0>
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 URL: <https://ctan.org/pkg/alnumsec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alnumsec>
- *The labbook package. Typeset laboratory journals.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/labbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labbook>
- *The volumes package. Typeset only parts of a document, with complete indexes etc.* 2025-07-21. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/volumes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/volumes>
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 URL: <https://ctan.org/pkg/jpsj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpsj>
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 URL: <https://ctan.org/pkg/midi2tex>  
 MIRROR: <https://mirror.ctan.org/support/midi2tex>
- Kuznetsov, Alexey. *The BasicLaTeX-ru package. An introduction to L<sup>A</sup>T<sub>E</sub>X, in Russian.* 2024-09-29. Version 2.1. LICENSE: cc-by-nc-sa4  
 URL: <https://ctan.org/pkg/basiclatex-ru>  
 MIRROR: <https://mirror.ctan.org/info/russian/basiclatex-ru>
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 MIRROR: <https://mirror.ctan.org/fonts/arsenal-math>
- Kwan, Alistair. *The aucklandthesis package. Memoir-based class for formatting University of Auckland masters’ and doctors’ theses.* 2018-01-07. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/chicago-annotate>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago-annotate>
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URL: <https://ctan.org/pkg/blue>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/blu>
- *The bridge package. Typesetting bridge diagrams*. 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bridge>  
MIRROR: <https://mirror.ctan.org/info/laan/bridge>
  - *The bridge-pln package. Plain T<sub>E</sub>X macros for writing about bridge*. 2021-08-26. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bridge-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/bridge>
  - *The btable package. Bordered tables*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/btable>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/btable>
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URL: <https://ctan.org/pkg/crw>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/crw>
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URL: <https://ctan.org/pkg/laansort>  
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URL: <https://ctan.org/pkg/pwt>  
MIRROR: <https://mirror.ctan.org/info/laan/pwt>
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URL: <https://ctan.org/pkg/altsubsup>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/altsubsup>
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URL: <https://ctan.org/pkg/bracealign>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracealign>
  - *The overarrows package. Custom extensible arrows over math expressions*. 2025-10-24. Version 1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/overarrows>  
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URL: <https://ctan.org/pkg/texlogfilter>  
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URL: <https://ctan.org/pkg/nnext>  
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URL: <https://ctan.org/pkg/babel>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/base>
- *The babel-albanian package. Support for Albanian within babel*. 2020-11-25. Version 1.0d. LICENSE: lppl1.3. The package provides support for typesetting Albanian (as part of the system).  
URL: <https://ctan.org/pkg/babel-albanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
  - *The babel-czech package. Babel support for Czech*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Czech in . Some shortcuts are defined, as well as translations to Czech of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-czech>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>
  - *The babel-danish package. Babel contributed support for Danish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Danish conventions in a document (or a subset of the conventions, if Danish is not the main language of the document).  
URL: <https://ctan.org/pkg/babel-danish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>
  - *The babel-dutch package. Babel contributed support for Dutch*. 2021-08-29. Version 3.8l. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Dutch conventions in a document (or a subset of the conventions, if Dutch is not the main language of the document).  
URL: <https://ctan.org/pkg/babel-dutch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>
  - *The babel-english package. Babel support for English*. 2017-06-07. Version 3.3r. LICENSE: lppl1.3. The package provides the language definition file for support of English in . Care is taken to select hyphenation patterns for British English and Australian text, and default (“”) patterns for Canadian and USA text.  
URL: <https://ctan.org/pkg/babel-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
  - *The babel-esperanto package. Babel support for Esperanto*. 2025-07-14. Version 1.5a. LICENSE: lppl1.3. The package provides the language definition file for support of Esperanto in . Some shortcuts are defined, as well as translations to Esperanto of standard “LaTeX names”.



- URL: <https://ctan.org/pkg/babel-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>
- López, Javier Bezos and Johannes L. Braams. *The babel-finnish package. Babel support for Finnish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language description file that enables support of Finnish with .  
URL: <https://ctan.org/pkg/babel-finnish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>
- *The babel-interlingua package. Babel support for Interlingua*. 2018-01-13. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-interlingua>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>
  - *The babel-irish package. Babel support for Irish*. 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>
  - *The babel-kurmanji package. Babel support for Kurmanji*. 2018-04-25. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-kurmanji>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>
  - *The babel-norsk package. Babel support for Norwegian*. 2024-03-18. Version 2.0k. LICENSE: lppl1.3. The package provides the language definition file for support of Norwegian in . Some shortcuts are defined, as well as translations to Norsk of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
  - *The babel-portuges package. Babel support for Portuges*. 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
  - *The babel-scottish package. Babel support for Scottish Gaelic*. 2024-01-27. Version 1.0h. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-scottish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>
  - *The babel-slovenian package. Babel support for typesetting Slovenian*. 2025-11-11. Version 1.2p. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-slovenian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text*. 2026-01-15. Version 1.5.02. LICENSE: lppl1.3c. The package provides language definitions for use in .  
URL: <https://ctan.org/pkg/babel-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of  $\TeX$  built-in-names. Shortcuts are also defined.  
URL: <https://ctan.org/pkg/babel-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish*. 2021-02-06. Version 2.3e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian*. 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “LaTeX names” are provided.  
URL: <https://ctan.org/pkg/babel-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin*. 2024-01-26. Version 1.0d. LICENSE: lppl1.3

- URL: <https://ctan.org/pkg/babel-samin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, Arthur Rosendahl, and Udi Fogiel. *The babel-hebrew package. Babel support for Hebrew*. 2023-08-22. Version 2.4a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-hebrew>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>
- López, Javier Bezos, Johannes L. Braams, Elmar Schalück, Michael Janich, and Marcin Woliński. *The babel-polish package. Babel support for Polish*. 2022-03-12. Version 1.3. LICENSE: lppl1.3. The package provides the language definition file for support of Polish in . Some shortcuts are defined, as well as translations to Polish of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-polish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
- López, Javier Bezos, Johannes L. Braams, and Uroš Stefanović. *The babel-serbian package. Babel/Polyglossia support for Serbian*. 2022-09-30. Version 2.2a. LICENSE: lppl1.3. The package provides support for Serbian documents written in Latin, in .  
 URL: <https://ctan.org/pkg/babel-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>
- López, Javier Bezos, Johannes L. Braams, and Eduard Werner. *The babel-sorbian package. Babel support for Upper and Lower Sorbian*. 2021-11-06. Version 1.0j. LICENSE: lppl1.3. The package provides language definitions file for support of both Upper and Lower Sorbian, in . Some shortcuts are defined, as well as translations to the relevant language of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-sorbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 2025-05-26. Version 5.0. LICENSE: mit. This directory is a permanent place for the latest official release of the hyphenation patterns for the Spanish language, valid for , , and , with the tools used to generate them.  
 URL: <https://ctan.org/pkg/hyphen-spanish>  
 MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>
- López, Javier Bezos and Thomas Ruedas. *The fonteinf package. An introduction to font usage in L<sup>A</sup>T<sub>E</sub>X (German)*. 2023-06-10. LICENSE: nosource. A German translation of a on how to use fonts in L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/fonteinf>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/german/fonteinf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
- López, Joaquín Ataz. *The guía-bibtex package. Guía casi completa de BibTeX*. 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/guia-bibtex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
- López-Valencia, Alejandro and Santafé de Bogotá. *The oztex-fonts package. Fonts packaged for use in OzTeX*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/oztex-fonts>  
 MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/neufont>  
 MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2025-10-29. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibTeX standard set ( , , and ), together with a style to work with .  
 URL: <https://ctan.org/pkg/din1505>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2023-10-31. Version 0.302. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selnolig>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loretì, Maurizio. *The brushscr package. A handwriting script font*. 2019-07-06. LICENSE: pd. The BrushScript font simulates hand-written characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by L<sup>A</sup>T<sub>E</sub>X in order to use that font. The file fully describes the package and illustrates its use.  
 URL: <https://ctan.org/pkg/brushscr>  
 MIRROR: <https://mirror.ctan.org/fonts/brushscr>

- *The bsheaders package. Double-ruled chapter heading style.* 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
URL: <https://ctan.org/pkg/bsheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
- Loreti, Maurizio. *The lucold package. Use old-style digits with Lucida fonts.* 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used to automatically build , , and files from the existing Lucida PSNFSS distribution, and that may easily be changed for the generation of different virtual files for whatever font.  
URL: <https://ctan.org/pkg/lucold>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucold>
- *The recipe package. A L<sup>A</sup>T<sub>E</sub>X class to typeset recipes.* 2019-07-06. Version 0.9. LICENSE: pd. The layout design is relatively straightforward (and traditional: see ‘sample output’ under ‘documentation’); the class uses the Bookman and the fonts.  
URL: <https://ctan.org/pkg/recipe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recipe>
- *The RGB package. Tables of RGB colour parameters.* 2024-07-25. Version 1.2. LICENSE: other-free. The Linux (distributed as part of X11 distributions) is mechanically converted to a L<sup>A</sup>T<sub>E</sub>X file, which has been compiled to make the distribution. For details of the procedure, and sources, see the package’s home page.  
URL: <https://ctan.org/pkg/rgb>  
MIRROR: <https://mirror.ctan.org/info/colour/rgb>
- *The sfheaders package. Sans headers.* 2019-07-06. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sfheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>
- *The webomints package. Webomints font support.* 2021-09-11. Version 1.1c. LICENSE: other-nonfree. A set of files for using the Galapagos Design Group’s with (La)TeX. The original announcement of the font said “Created by George Ryan, Web-O-Mints contains a rich assortment of typographic decorations inspired by historical sources”. A copy of the type 1 font file is included with the distribution, as are test (demonstration) files.  
URL: <https://ctan.org/pkg/webomints>  
MIRROR: <https://mirror.ctan.org/fonts/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a T<sub>E</sub>X run.* 2025-10-28. Version 1.13. LICENSE: gpl  
URL: <https://ctan.org/pkg/lintex>  
MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker.* 2025-12-11. Version 3.3.1. LICENSE: apache2,mit  
URL: <https://ctan.org/pkg/pkgcheck>  
MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package. Generalization of L<sup>A</sup>T<sub>E</sub>X’s minipages.* 2016-06-24. Version 0.3.1. LICENSE: l<sup>a</sup>tpl  
URL: <https://ctan.org/pkg/genmpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genmpage>
- Lounsbury, Andrew. *The latex-for-undergraduates package. A tutorial aimed at introducing undergraduate students to L<sup>A</sup>T<sub>E</sub>X.* 2024-02-27. Version 1.0.3. LICENSE: pd  
URL: <https://ctan.org/pkg/latex-for-undergraduates>  
MIRROR: <https://mirror.ctan.org/info/latex-for-undergraduates>
- *The suppose package. Abbreviate the word “Suppose”.* 2021-05-20. Version 1.2.2. LICENSE: l<sup>a</sup>tpl1.3c  
URL: <https://ctan.org/pkg/suppose>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suppose>
- Lourenço, João M. *The biblatex-cse package. Council of Science Editors (CSE) style file for BibLaTeX.* 2021-09-11. Version 2.0.0. LICENSE: l<sup>a</sup>tpl1.3c. This is a BibLaTeX style that implements the bibliography style of the Council of Science Editors (CSE) for BibLaTeX. I did this style file by request of a user of my . He was quite thorough, double and triple checking that the output was conforming to the requirements of his University (Faculty of Veterinary from the University of Lisbon). Although this style served the requirements from his University, there may still be some unconformities to the CSE style. If you find any, please open an issue in the or, even better, submit a pull request.  
URL: <https://ctan.org/pkg/biblatex-cse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-cse>
- *The coloredtheorem package. A colourful boxed theorem environment.* 2025-04-01. Version 1.1.2. LICENSE: l<sup>a</sup>tpl1.3c. This package provides a colourful boxed theorem environment, combining and breakable boxes.

- URL: <https://ctan.org/pkg/coloredtheorem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloredtheorem>
- Lourenço, João M. *The stocksize package. A flexible and easy interface to paper (stock) dimensions*. 2026-01-01. Version 2.0.1. LICENSE: lppl1.3c. The package is excellent for customizing the page layout. However, using the command to change the page size in the middle of the document only affects the typing area and does not affect the real paper (stock) size. This package circumvents this situation by resizing the paper (stock) size to the new page layout.  
URL: <https://ctan.org/pkg/stocksize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stocksize>
- Louthan, George. *The tucv package. Support for typesetting a CV or résumé*. 2016-06-24. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/tucv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tucv>
- Love, David. *The truecols package. Colour facilities for SliTeX*. 2016-06-24. Version 1.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/truecols>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>
- Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers)*. 2020-03-22. Version 2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/register>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/register>
- Lu, Shilong. *The beautybook package. A beautiful book template for maths and science*. 2025-11-11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/beautybook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautybook>
- *The beautynote package. A package designed to meet the publication of books and the production of L<sup>A</sup>T<sub>E</sub>X templates, with elegant chapter*. 2025-11-11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/beautynote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautynote>
- Lubbers, Mart. *The rutitlepage package. Radboud University Titlepage Package*. 2025-11-11. Version 3.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/rutitlepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>
- Lubenets, Yuri. *The LaTeX-WIDE package. Multifunctional editor for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/latexwide>  
MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)
- *The russian-help package. LaTeX help in Russian*. 2016-06-18. LICENSE: pd  
URL: <https://ctan.org/pkg/russian-help>  
MIRROR: <https://mirror.ctan.org/info/win-help/latex/russian>
- Lück, Uwe. *The adhocfilelist package. ‘listfiles’ entries from the command line*. 2017-05-05. LICENSE: lppl  
URL: <https://ctan.org/pkg/adhocfilelist>  
MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
- *The bitelist package. Split list, in T<sub>E</sub>X’s mouth*. 2017-05-05. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bitelist>  
MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
- *The catcodes package. Generic handling of T<sub>E</sub>X category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/catcodes>  
MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
- *The commado package. Expandable iteration on comma-separated and filename lists*. 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/commado>  
MIRROR: <https://mirror.ctan.org/macros/generic/commado>
- *The dhua package. German abbreviations using thin space*. 2017-05-05. Version 0.11. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dhua>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
- *The doc-pictex package. A summary list of PicTeX documentation*. 2017-05-05. LICENSE: other-free  
URL: <https://ctan.org/pkg/doc-pictex>  
MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiTeX.txt>
- *The dowith package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dowith>  
MIRROR: <https://mirror.ctan.org/macros/generic/dowith>



- Lück, Uwe. *The ednotes package. Critical annotations to footnotes with ednotes*. 2018-01-06. Version 0.6b. LICENSE: lppl1.3. The package modifies the annotation commands and label-test mechanism of the package so that critical notes appear on the pages and in the order that one would expect.  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
- *The ednotes package. Typeset scholarly editions*. 2022-12-07. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
  - *The fifinddo package. Filtering files using T<sub>E</sub>X*. 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/fifinddo.sty>
  - *The fifinddo-info package. German HTML beamer presentation on nicetext and morehype*. 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/fifinddo-info>
  - *The filedate package. Access and compare info and modification dates*. 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
  - *The fileinfo package. Enhanced display of T<sub>E</sub>X File Information*. 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.  
 URL: <https://ctan.org/pkg/fileinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The finstrut package. Adjust behaviour of the ends of footnotes*. 2017-05-06. Version 0.5. LICENSE: lppl1.3. The T<sub>E</sub>X internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.  
 URL: <https://ctan.org/pkg/finstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>
  - *The ifnextok package. Utility macro: peek ahead without ignoring spaces*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifnextok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>
  - *The inputtrc package. Trace which file loads which*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inputtrc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
  - *The langcode package. Simple language-dependent settings based on language codes*. 2025-11-11. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langcode>  
 MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
  - *The latexfileinfo-pkgs package. A comparison of packages showing T<sub>E</sub>X file information*. 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
 MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
  - *The longnamefilelist package. Tidy \listfiles with long file names*. 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips T<sub>E</sub>X’s command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.  
 URL: <https://ctan.org/pkg/longnamefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
  - *The ltabptch package. Bug fix for longtable*. 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
 URL: <https://ctan.org/pkg/ltabptch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
  - *The makedoc package. Preprocessing documentation with T<sub>E</sub>X*. 2017-05-06. Version 0.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/makedoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>



- Lück, Uwe. *The monofill package. Alignment of plain text.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/monofill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
- *The morehype package. Hypertext tools for use with  $\text{\LaTeX}$ .* 2017-05-06. Version r0.83. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/morehype>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morehype>
  - *The myfilist package. Configuring the output of the `\listfiles` command.* 2018-01-06. Version 0.71. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/myfilist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The nicefilelist package. Provide `\listfiles` alignment.* 2025-04-21. Version 0.9c. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nicefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>
  - *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation.* 2017-05-06. Version r0.67. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nicetext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The niceverb package. Minimising markup for documenting  $\text{\LaTeX}$  packages.* 2017-05-06. Version 0.51. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/niceverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/niceverb.sty>
  - *The pictex-autoarea package. Automatic computation of bounding boxes with  $\text{PiCTeX}$ .* 2021-06-10. Version 0.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pictex-autoarea>  
 MIRROR: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>
  - *The plainpkg package. A minimal method for making generic packages.* 2017-05-06. Version 0.4a. LICENSE: lppl1.3. The package provides a minimal method for making generic (i.e.,  $\text{\TeX}$ -format-independent) packaged, combining functionality, fallback definitions for  $\text{\LaTeX}$  and functionality, and handling of arbitrary (multiple) “private letters” (analogous  $\text{\LaTeX}$  packages’ use of “”) in nested package files. The documentation contains a central reference for making and using generic packages based on the package.  
 URL: <https://ctan.org/pkg/plainpkg>  
 MIRROR: <https://mirror.ctan.org/macros/generic/plainpkg>
  - *The readprov package. Provides `GetFileInfo` without the need to load the file.* 2025-11-11. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/readprov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The tamefloats package. Experimentally use `\holdinginserts` with  $\text{\LaTeX}$  floats.* 2017-05-06. Version 0.42. LICENSE: lppl1.3.  $\text{\LaTeX}$ ’s figures, tables, and s are dangerous for footnotes (and probably also ). Here is a proposal (a ‘patch’ package) to help, by using in a simple way. It replaces the original problem with a new one — it is an experiment to find out whether the new problem is less bad (or it is just a contribution to the discussion, maybe just a summary of previous work). The files provide further information.  
 URL: <https://ctan.org/pkg/tamefloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tamefloats>
  - *The typeoutfileinfo package. Display class/package/file information.* 2023-07-29. Version 0.32. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/typeoutfileinfo>  
 MIRROR: <https://mirror.ctan.org/support/typeoutfileinfo>
  - *The versions package. Optionally omit pieces of text.* 2017-05-06. Version 0.55. LICENSE: lppl1.3. Stephan Bellantoni’s has provided preamble commands for selecting environments to be included/excluded. This package does the same, but corrects, improves, and extends it in both implementation and function.  
 URL: <https://ctan.org/pkg/versions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/versions>
  - *The wiki package. Use Wiki-style markup in a  $\text{\LaTeX}$  document.* 2017-05-06. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/wiki>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lück, Uwe and Karl Wette. *The fnlineno package. Number the lines of footnotes.* 2022-12-05. Version 0.55. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fnlineno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bard>  
 MIRROR: <https://mirror.ctan.org/fonts/bard/bard.mf>

- Lüddecke, Jobst-Hartmut. *The srune package. Saxon rune font*. 2025-07-21. LICENSE: noinfo. This Metafont font is designed from historic sources, and has ligatures to facilitate the shorthands common in German (La)TeX packages.  
 URL: <https://ctan.org/pkg/srune>  
 MIRROR: <https://mirror.ctan.org/fonts/srune>
- Ludewig, Berthold. *The schwell package. Calligraphic font for typesetting handwriting in Schwell style*. 2016-07-29. LICENSE: lppl  
 URL: <https://ctan.org/pkg/schwell>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style*. 2016-07-29. LICENSE: pd  
 URL: <https://ctan.org/pkg/sueterlin>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
  - *The va package. Handwriting fonts*. 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a  $\LaTeX$  .fd file, and full macro support for use with  $\LaTeX$  is available in the bundle.  
 URL: <https://ctan.org/pkg/va>  
 MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German*. 2016-06-24. LICENSE: lppl. This is a translation of the manual for .  
 URL: <https://ctan.org/pkg/translation-enumitem-de>  
 MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator*. 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth’s , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
 URL: <https://ctan.org/pkg/fntproof>  
 MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size*. 2016-06-24. Version 0.9. LICENSE: lppl. Redefines and , and defines . The dots produced by slant in the opposite direction to . All the commands are designed to change size appropriately in scripts, as well as in response to  $\LaTeX$  size changing commands. The commands may also be used in plain  $\TeX$ .  
 URL: <https://ctan.org/pkg/mathdots>  
 MIRROR: <https://mirror.ctan.org/macros/generic/mathdots>
  - *The minifp package. Fixed-point real computations to 8 decimals*. 2025-11-11. Version 0.96. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/minifp>  
 MIRROR: <https://mirror.ctan.org/macros/generic/minifp>
  - *The nkarta package. A “new” version of the karta cartographic fonts*. 2025-07-20. Version 0.2. LICENSE: pd. A development of the font, offering more mathematical stability in Metafont. A version that will produce the glyphs as Encapsulated PostScript, using MetaPost, is also provided.  
 URL: <https://ctan.org/pkg/nkarta>  
 MIRROR: <https://mirror.ctan.org/fonts/nkarta>
  - *The plstmary package. St. Mary’s Road font support for plain  $\TeX$* . 2016-06-24. Version 0.5c. LICENSE: pd. The package provides commands to produce all the symbols of the fonts, in a Plain  $\TeX$  environment.  
 URL: <https://ctan.org/pkg/plstmary>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plstmary>
  - *The splines package. MetaPost macros for drawing cubic spline interpolants*. 2016-06-24. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/splines>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/splines>
  - *The threeddice package. Create images of dice with one, two, or three faces showing, using MetaPost*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/threeddice>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/threeddice>
- Luecking, Daniel H. and Donald Arseneau. *The excludeonly package. Prevent files being \include-ed*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/excludeonly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/excludeonly>
- Luecking, Daniel H. and Geoffrey Tobin. *The mfpic package. Draw Metafont/post pictures from (La)TeX commands*. 2016-06-24. Version 1.10. LICENSE: lppl1.3

- URL: <https://ctan.org/pkg/mfpic>  
 MIRROR: <https://mirror.ctan.org/graphics/mfpic>
- Luengo, Pablo González. *The enumext package. Enumerate exercise sheets*. 2026-01-14. Version 2.1. LICENSE: lppl1.3c. This package provides enumerated list environments compatible with tagging PDF for creating “” along with “”, storing the “” to these in memory using the package.  
 URL: <https://ctan.org/pkg/enumext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enumext>
- *The ltximg package. Extract L<sup>A</sup>T<sub>E</sub>X environments into separate image files*. 2021-05-22. Version 2.1. LICENSE: gpl3+. is a Perl script that automates the process of extracting and converting environments provided by , and other packages from input file to image formats and standalone files using and . It generates a file with only extracted environments and another with all extracted environments converted to .  
 URL: <https://ctan.org/pkg/ltximg>  
 MIRROR: <https://mirror.ctan.org/support/ltximg>
  - *The scontents package. Stores L<sup>A</sup>T<sub>E</sub>X contents in memory or files*. 2025-11-20. Version 2.6. LICENSE: lppl1.3c. This package stores valid L<sup>A</sup>T<sub>E</sub>X code in memory (sequences) using the module of . The stored content (including verbatim) can be used as many times as desired in the document, additionally can be written to external files if desired.  
 URL: <https://ctan.org/pkg/scontents>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scontents>
- Lukas, Florian. *The rorlink package. Create ROR symbols which links to the given ROR-IDs*. 2025-10-28. Version 1.1.0. LICENSE: lppl1.3c. This package provides an easy to use command. It takes an URL of the Research Organization Registry (ROR) as argument and creates a ROR symbol which links to the given URL — very similar to the package from which it is derived. The symbol itself always fits with the chosen font size.  
 URL: <https://ctan.org/pkg/rorlink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rorlink>
- Lukasczyk, Stephan. *The inconsolata-nerd-font package. Inconsolata Nerd Font with support for X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>TeX*. 2025-11-11. Version 0.5. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/inconsolata-nerd-font>  
 MIRROR: <https://mirror.ctan.org/fonts/inconsolata-nerd-font>
- *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany*. 2025-11-11. Version 4.4.0. LICENSE: lppl1.3c. The se2thesis bundle provides a document class for writing a theses with the at the , Germany. The class is based on Markus Kohm’s classes and provides several additions and customizations to these classes. While the class provides some basic settings, mostly regrading the type area, fonts, and the title page, it still provides large degrees of freedom to its users. However, the package’s documentation also provides recommendations regarding several aspects, for example, recommending for bibliographies.  
 URL: <https://ctan.org/pkg/se2thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/se2thesis>
- Lukasczyk, Stephan and Uwe Ziegenhagen. *The dtk-bibliography package. Bibliography of “Die T<sub>E</sub>Xnische Komödie”*. 2025-11-15. Version 2025-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dtk-bibliography>  
 MIRROR: <https://mirror.ctan.org/info/dtk-bibliography>
- Lulli, Paolo. *The texpack package. Create documented L<sup>A</sup>T<sub>E</sub>X classes, packages and docs in a Unix environment*. 2016-06-24. LICENSE: gpl. Texpack is a little bundle of scripts to create documented L<sup>A</sup>T<sub>E</sub>X style, class files and docs. Texpack provides useful scripts for the automated creation of the skeleton required by documented T<sub>E</sub>X files. It is useful both for creating packages () and new classes (). Texpack also provides a command to automate the creation of commonly needed L<sup>A</sup>T<sub>E</sub>X skeleton files. This feature is mostly useful for the Italian author, but also provides the fast creation of a conditional preamble for handling / compilation.  
 URL: <https://ctan.org/pkg/texpack>  
 MIRROR: <https://mirror.ctan.org/support/texpack>
- Lundqvist, Mikael. *The mif2xfig package. Conversion between Frame Maker and Xfig*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mif2xfig>
- Łupkowski, Paweł. *The fancyslides package. Custom presentation class built upon L<sup>A</sup>T<sub>E</sub>X Beamer*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fancyslides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyslides>

- Lupton, Robert. *The rtft2tex package. Convert RTF to  $\TeX$* . 2016-06-24. Version 1.02. LICENSE: other-free  
 URL: <https://ctan.org/pkg/rtf2tex>  
 MIRROR: <https://mirror.ctan.org/support/rtf2tex>
- Luque, Jean-Gabriel. *The pst-cox package. Drawing regular complex polytopes with PSTricks*. 2019-02-03. Version 0.98 Beta. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-cox>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>
- Luque, Manuel. *The pst-contourplot package. Draw implicit functions using the “marching squares” algorithm*. 2018-07-23. Version 0.6. LICENSE: lppl. This package allows to draw implicit functions “ $f(x,y) = 0$ ” with options for coloring the inside of the surfaces, for marking the points and arrowing the curve at points chosen by the user. The package uses the algorithm.  
 URL: <https://ctan.org/pkg/pst-contourplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>
- Luque, Manuel, Denis Girou, and Herbert Voß. *The pst-lens package. Lenses with PSTricks*. 2018-09-15. Version 1.02. LICENSE: lppl. This package provides a really rather simple command that will draw a lens. Command parameters provide a remarkable range of effects.  
 URL: <https://ctan.org/pkg/pst-lens>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>
- Luque, Manuel and Christophe Jorssen. *The pst-osci package. Oscgons with PSTricks*. 2023-11-04. Version 2.82b. LICENSE: lppl. This package enables you to produce oscilloscope “screen shots”. Three channels can be used to represent the most common signals (damped or not): namely sinusoidal, rectangular, triangular, dog’s tooth (left and right oriented). The third channel allows you to add, to subtract or to multiply the two other signals. Lissajous diagrams (XY-mode) can also be obtained.  
 URL: <https://ctan.org/pkg/pst-osci>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>
- Luque, Manuel, Giuseppe Matarazzo, and Herbert Voß. *The pst-geo package. Geographical Projections*. 2025-02-21. Version 0.09. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-geo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>
- Luque, Manuel and Herbert Voß. *The pst-am package. Simulation of modulation and demodulation*. 2016-06-24. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-am>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
- *The pst-calendar package. Plot calendars in “fancy” ways*. 2025-07-20. Version 0.48. LICENSE: lppl. The package uses and to draw tabular calendars, or calendars on dodecahedra with a month to each face (the package also requires the and packages). The package works for years 2000–2099, and has options for calendars in French German and English, but the documentation is not available in English.  
 URL: <https://ctan.org/pkg/pst-calendar>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>
  - *The pst-cie package. CIE color space*. 2021-11-04. Version 1.06b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-cie>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cie>
  - *The pst-diffraction package. Print diffraction patterns from various apertures*. 2024-07-15. Version 2.06a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-diffraction>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>
  - *The pst-fun package. Draw “funny” objects with PSTricks*. 2025-07-20. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fun>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>
  - *The pst-mirror package. Images on a spherical mirror*. 2024-05-17. Version 1.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-mirror>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>
  - *The pst-optic package. Drawing optics diagrams*. 2024-10-28. Version 1.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-optic>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>
  - *The pst-platon package. Platonic solids in PSTricks*. 2018-09-15. Version 0.01. LICENSE: lppl. The package adds to the ability to draw 3-dimensional views of the five Platonic solids.  
 URL: <https://ctan.org/pkg/pst-platon>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>

- Luque, Manuel and Herbert Voß. *The pst-rubans package. Draw three-dimensional ribbons*. 2018-09-15. Version 1.2. LICENSE: lppl. The package uses and to draw three dimensional ribbons on a cylinder, torus, sphere, cone or paraboloid. The width of the ribbon, the number of turns, the colour of the outer and the inner surface of the ribbon may be set. In the case of circular and conical helices, one may also choose the number of ribbons.  
URL: <https://ctan.org/pkg/pst-rubans>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>
- *The pst-solarsystem package. Plot the solar system for a specific date*. 2024-02-02. Version 0.15. LICENSE: lppl. The package uses to produce diagrams of the visible planets, projected on the plane of the ecliptic. It is not possible to represent all the planets in their real proportions, so only Mercury, Venus, Earth and Mars have their orbits in correct proportions and their relative sizes are observed. Saturn and Jupiter are in the right direction, but not in the correct size.  
URL: <https://ctan.org/pkg/pst-solarsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>
  - *The pst-spirograph package. Drawing hypotrochoids as with a spirograph*. 2020-04-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spirograph>
  - *The pst-thick package. Drawing very thick lines and curves*. 2018-09-15. Version 1.0. LICENSE: lppl. The package supports drawing of very thick lines and curves in , with various fillings for the body of the lines.  
URL: <https://ctan.org/pkg/pst-thick>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>
  - *The pst-vue3d package. Draw perspective views of three dimensional objects*. 2020-04-11. Version 1.24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-vue3d>  
MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/pst-vue3d>
- Luttinen, Jaakko. *The tikz-bayesnet package. Draw Bayesian networks, graphical models and directed factor graphs*. 2016-06-24. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-bayesnet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bayesnet>
- Luz, Saturnino. *The mnotes package. Margin annotation for collaborative writing*. 2022-05-25. Version 0.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mnotes>
- Lyu, Jianrui. *The beamerthemeconcrete package. A collection of flat beamer themes*. 2024-01-22. Version 2024B. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/beamerthemeconcrete>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemeconcrete>
- *The codehigh package. Highlight code and demos with l3regex and lpeg*. 2025-11-11. Version 2025C. LICENSE: lppl1.3c. This package uses the package from the L<sup>A</sup>T<sub>E</sub>X3 Programming Layer to parse and highlight source code and demos. It is more powerful than the package, and more easy to use than . But it is slower than both of them. Therefore in LuaT<sub>E</sub>X the package provides another way to highlight code: using LPeg (Parsing Expression Grammars for Lua). LPeg is much more powerful and faster than .  
URL: <https://ctan.org/pkg/codehigh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codehigh>
  - *The freealign package. Align math formulas in different lines*. 2024-01-08. Version 2024A. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/freealign>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/freealign>
  - *The functional package. An intuitive functional programming interface for L<sup>A</sup>T<sub>E</sub>X2*. 2025-11-11. Version 2024C. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/functional>  
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MIRROR: <https://mirror.ctan.org/systems/win32/bakoma/macros/games.bkz>

— *The bakoma-mac package. A BaKoMa system for the Macintosh*. 2016-06-24. LICENSE: shareware

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-cleaneasy>
- Marder, Joachim, Kirill Müller, George Pearson, Andrew Hawryluk, Chelsea Hughes, and Ivan Kokan. *The Excel2LaTeX package. Convert Excel spreadsheets to L<sup>A</sup>T<sub>E</sub>X tables*. 2021-12-03. Version 3.5.0. LICENSE: lppl1.3. Making tables in L<sup>A</sup>T<sub>E</sub>X can be tedious, especially if some columns are calculated. This converter allows you to write a table in Excel instead, and export the current selection as L<sup>A</sup>T<sub>E</sub>X markup which can be pasted into an existing L<sup>A</sup>T<sub>E</sub>X document, or exported to a file and included via the command.
- URL: <https://ctan.org/pkg/excel2latex>  
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- Maretić, Marcel. *The hrlatex package. LaTeX support for Croatian documents*. 2018-01-06. Version 0.23. LICENSE: lppl. This package simplifies creation of new documents for the (average) Croatian user. As an example, a class file (designed for the graduation thesis at the University of Zagreb) and sample thesis documents are included.
- URL: <https://ctan.org/pkg/hrlatex>  
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- URL: <https://ctan.org/pkg/acroweb>  
MIRROR: <https://mirror.ctan.org/support/acroweb>
- *The fancytooltips package. Include a wide range of material in PDF tooltips*. 2020-09-02. Version 1.8. LICENSE: lppl1.2. The package was inspired by the package. In contrast to cooltooltips, fancytooltips allows inclusion of tooltips which contain arbitrary T<sub>E</sub>X material or a series of T<sub>E</sub>X materials (animated graphics) from an external PDF file. To see the tooltips, you have to open the files in Adobe Reader. The links and JavaScripts are inserted using eforms package from the .
- URL: <https://ctan.org/pkg/fancytooltips>  
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- *The bibexport package. Extract a BibTeX file based on a .aux file*. 2019-04-04. Version 3.03. LICENSE: lppl1.3. A Bourne shell script that uses BibTeX to extract bibliography entries that are 'd in a document. It can also expand a BibTeX file, expanding the abbreviations (other than the built-in ones like month names) and following the cross-references.
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- May, Wolfgang and Andreas Schedler. *The ntheorem package. Enhanced theorem environment.* 2017-04-18. Version 1.33. LICENSE: `lppl`  
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- McBane, George. *The gcard package. Arrange text on a sheet to fold into a greeting card.* 2016-06-24. LICENSE: `lppl`. The package provides a simple means of producing greeting cards. It arranges four panels onto a single sheet so that when the sheet is folded twice the four panels are arranged as front cover, inside left and right pages, and back cover. It uses the package for placement on the sheet and the package for the necessary rotation. The four panels are set in minipages for formatting by the user.  
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- *The pagecolor package. Interrogate page color.* 2025-01-29. Version 1.2d. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pagecolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagecolor>



- Münch, Hans-Martin. *The pagesLTS package. Variants of last page labels*. 2025-08-14. Version 2.0g. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pageslts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageslts>
- *The papermas package. Compute the mass of a printed version of a document*. 2023-04-12. Version 1.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/papermas>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papermas>
  - *The regstats package. Information about register use*. 2025-01-29. Version 1.1b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/regstats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regstats>
  - *The romanbar package. Write roman number with “bars”*. 2025-07-20. Version 1.0g. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/romanbar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbar>
  - *The tablefootnote package. Permit footnotes in tables*. 2016-06-24. Version 1.1c. LICENSE: lppl1.3. The package provides the command to be used in a or environment, where will not work (and when using and , and adjusting the counter as necessary, is too much work).  
 URL: <https://ctan.org/pkg/tablefootnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>
  - *The thumbs package. Create thumb indexes*. 2026-01-18. Version 1.1d. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/thumbs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumbs>
  - *The undolabl package. Override existing labels*. 2025-01-29. Version 1.0o. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/undolabl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undolabl>
  - *The uri package. Hyperlinks for a wide range of URIs*. 2018-09-06. Version 2.0b. LICENSE: lppl1.3c. The package provides automatic hyperlinks for URIs of type arXiv, ASIN, DOI, HDL, NBN, OCLC, OID, PubMed, TINY, TINY with preview, and WebCite and provides commands , , , and .  
 URL: <https://ctan.org/pkg/uri>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uri>
- Münch, Hans-Martin and Jeffrey Goldberg. *The lastpage package. Reference last page for Page N of M type footers*. 2025-08-14. Version 2.1h. LICENSE: lppl1.3c. Reference the number of pages in your  $\LaTeX$  document through the introduction of a new label which can be referenced like to give a reference to the last page of a document. It is particularly useful in the page footer that says: Page N of M.  
 URL: <https://ctan.org/pkg/lastpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lastpage>
- Münch, Uwe. *The bfsymb package. Generate bold symbols in Plain  $\TeX$  mathematics*. 2016-06-24. LICENSE: noinfo. Defines a command that represents its argument using the cmmib10 rather than the font currently in use. This technique has its limitations (the command of the same name in the bundle is much cleverer), but a simple does the job exactly.  
 URL: <https://ctan.org/pkg/bfsymb>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/bfsymb.tex>
- *The eiad-ltx package. LaTeX support for the eiad font*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eiad-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eiad>
- Munch-Maccagnoni, Guillaume. *The perfectcut package. Nested delimiters that consistently grow regardless of the contents*. 2023-05-17. Version 2.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/perfectcut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perfectcut>
- Munn, Alan. *The casiofont package. Support for the Casio ClassWiz font*. 2018-10-22. Version 1.1. LICENSE: lppl1.3. This package provides support for the Casio ClassWiz font, available from the . The font itself is included in the distribution. The package requires compilation with  $\LaTeX$  or Lua $\LaTeX$ .  
 URL: <https://ctan.org/pkg/casiofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- *The expex-glossonly package. Help gb4e, linguex, and covington users use the ExPex glossing macros*. 2024-02-15. Version 0.9b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/expex-glossonly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/expex-glossonly>

- Munn, Alan. *The gb4e-next package. Linguistic tools*. 2024-10-29. Version 0.5. LICENSE: lppl1.3. The package provides users two relative example reference commands. refers to the next example in the document and refers to the previous example. No explicit label command is required.  
 URL: <https://ctan.org/pkg/gb4e-next>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gb4e-next>
- *The he-she package. Alternating pronouns to aid gender-neutral writing*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/he-she>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/he-she>
  - *The invoice-class package. Produces a standard US invoice from a CSV file*. 2019-01-20. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/invoice-class>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
  - *The movement-arrows package. Drawing movement arrows on linguistic example sentences*. 2023-06-17. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/movement-arrows>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/movement-arrows>
  - *The msu-thesis package. Class for Michigan State University Master’s and PhD theses*. 2024-07-08. Version 4.3b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/msu-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/msu-thesis>
  - *The pst-vowel package. Enable arrows showing diphthongs on vowel charts*. 2018-09-15. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-vowel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-vowel>
  - *The recorder-fingering package. Package to display recorder fingering diagrams*. 2025-11-11. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/recorder-fingering>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recorder-fingering>
  - *The screenplay-pkg package. Package version of the screenplay document class*. 2017-08-06. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/screenplay-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>
- Munn, Alan and Tom Counsell. *The csv2latex package. Convert spreadsheet table cells into L<sup>A</sup>T<sub>E</sub>X source*. 2025-10-28. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/csv2latex>  
 MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The uthesis209 package. LaTeX 2.09 document style for UC Theses*. 2016-06-24. Version 2.7. LICENSE: noinfo. An obsolescent L<sup>A</sup>T<sub>E</sub>X 2.09 predecessor of the current ; the latest version of the package seems to have been released as the current one was being developed.  
 URL: <https://ctan.org/pkg/uthesis209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/uthesis>
- Münster, Peter. *The context-chromato package. ConTeXt macros for chromatograms*. 2023-10-14. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-chromato>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-chromato>
- *The context-cmscbf package. Use Computer Modern bold Caps and Small-caps in ConTeXt*. 2023-10-14. LICENSE: gpl. The module makes provision for bold caps and small caps CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
 URL: <https://ctan.org/pkg/context-cmscbf>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-cmscbf>
  - *The ConTeXt-cmttbf package. Use Computer Modern Typewriter bold font in ConTeXt*. 2023-10-14. LICENSE: gpl. The module makes provision for bold typewriter CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
 URL: <https://ctan.org/pkg/context-cmttbf>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-cmttbf>
  - *The context-construction-plan package. Construction plans in ConTeXt*. 2023-10-14. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-construction-plan>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-construction-plan>
  - *The context-degrade package. Degrading JPEG images in ConTeXt*. 2023-10-14. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-degrade>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-degrade>
  - *The context-french package. Support for writing French in ConTeXt*. 2023-10-14. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-french>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-french>

- Münster, Peter. *The context-ini file package. An ini-file pretty-printer, using ConTeXt*. 2023-10-13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-ini file>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-ini file>
- *The context-typearea package. Something like Koma-Script typearea*. 2023-10-14. LICENSE: gpl. The module provides a command that calculates the page layout as the  $\LaTeX$  package does.  
 URL: <https://ctan.org/pkg/context-typearea>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-typearea>
  - *The context-URWGaramond package. ConTeXt support for URW Garamond font*. 2023-10-13. LICENSE: pd. The required may also be found on CTAN.  
 URL: <https://ctan.org/pkg/context-urwgaramond>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-urwgaramond>
  - *The degrade package. Degrade JPEG images on the fly, prior to inclusion*. 2016-06-24. LICENSE: lppl. Degrade is a  $\LaTeX$  package that degrades JPEG images on the fly to decrease the size of the resulting PostScript or PDF file. It uses the convert utility from the ImageMagick bundle as well as (if you're producing PostScript output).  
 URL: <https://ctan.org/pkg/degrade>  
 MIRROR: <https://mirror.ctan.org/graphics/degrade>
- Murphy, Terrence and Rosalie D'Amico. *The makecookbook package. Make a Cookbook*. 2018-12-06. Version 0.85. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/makecookbook>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/makecookbook>
- Murphy, Timothy. *The javatex package. A Java implementation of  $\TeX$* . 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/javatex>  
 MIRROR: <https://mirror.ctan.org/systems/javatex>
- *The lgreek package. LaTeX macros for using Silvio Levy's Greek fonts*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/lgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgreek>
- Murzynowski, Grzegorz. *The gmdoc package. Documentation of  $\LaTeX$  packages*. 2018-01-06. Version 0.993. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc>
- *The gmeometric package. Change page size wherever it's safe*. 2016-06-24. Version 0.73. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmeometric>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/gmeometric>
  - *The gmiflink package. Simplify usage of \hypertarget and \hyperlink*. 2018-01-06. Version 0.97. LICENSE: lppl. Three -based macros that simplify usage of and : one argument instead of the same one twice. Also and which typeset plain text instead of generating an error or printing '??' if there is no respective hypertarget or label.  
 URL: <https://ctan.org/pkg/gmiflink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmiflink>
  - *The gmutils package. Support macros for other packages*. 2016-06-24. Version 0.996. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmutils>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
  - *The gmverb package. A variant of  $\LaTeX$  \verb, verbatim and shortvrb*. 2016-06-24. Version 0.98. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverb>
  - *The gmverse package. A package for typesetting (short) poems*. 2018-01-06. Version 0.73. LICENSE: lppl. A redefinition of the environment to make the command optional for line ends and to give it a possibility of optical centering and 'right-hanging' alignment of lines broken because of length.  
 URL: <https://ctan.org/pkg/gmverse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverse>
- Musa, Ahmed. *The changelayout package. Change the layout of individual pages and their text*. 2016-06-24. Version 1.0. LICENSE: lppl. The package is an extension of the package to permit the user to change the layout of individual pages and their texts.  
 URL: <https://ctan.org/pkg/changelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
- *The draftmark package. Put draft marks on selected pages*. 2016-06-24. Version 1.2. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/draftmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>
  - *The getfiledate package. Find the date of last modification of a file*. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of

pdfTeX); the user may specify how the date is to be presented.

URL: <https://ctan.org/pkg/getfiledate>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getfiledate>

Musa, Ahmed. *The keyreader package. A robust interface to xkeyval*. 2016-06-24. Version 0.5b. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/keyreader>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyreader>

- *The keyval2e package. A lightweight and robust key-value parser*. 2016-06-24. Version 0.0.2. LICENSE: lppl1.3. The package provides lightweight and robust facilities for creating and managing keys. Its machinery isn't as extensive as that of, e.g., the package, but it is equally robust; ease of use and speed of processing are the design aims of the package.

URL: <https://ctan.org/pkg/keyval2e>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyval2e>

- *The loops package. General looping macros for use with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/loops>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/loops>

- *The ltxkeys package. A robust key parser for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.0.3c. LICENSE: lppl

URL: <https://ctan.org/pkg/ltxkeys>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxkeys>

- *The ltxtools package. A collection of L<sup>A</sup>T<sub>E</sub>X API macros*. 2016-06-24. Version 0.0.1a. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/ltxtools>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxtools>

- *The newenvirom package. Processing an environment's body*. 2016-06-24. Version 1.0. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/newenvirom>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newenvirom>

- *The pagerange package. Flexible and configurable page range typesetting*. 2016-06-24. Version 0.5. LICENSE: lppl. The package defines a command that typesets ranges of page numbers, expanding them (e.g., adding first or last page numbers) and standardising them.

URL: <https://ctan.org/pkg/pagerange>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagerange>

- *The pgfkeyx package. Extended and more robust version of pgfkeys*. 2016-06-24. Version 0.0.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/pgfkeyx>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>

- *The skeycommand package. Create commands using parameters and keyval in parallel*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides tools for defining L<sup>A</sup>T<sub>E</sub>X commands and environments using combinations of parameters and keys. All the facilities of the and packages are available to the user of skeycommand.

URL: <https://ctan.org/pkg/skeycommand>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeycommand>

- *The skeyval package. Key-value parsing combining features of xkeyval and pgfkeys*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package integrates the features of and of by introducing a new type of handlers. Style keys, links, changing key callbacks and values on the fly, and other features of pgfkeys are introduced in a new context.

URL: <https://ctan.org/pkg/skeyval>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>

- *The storecmd package. Store the name of a defined command in a container*. 2016-06-24. Version 0.0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/storecmd>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storecmd>

- *The xwatermark package. Graphics and text watermarks on selected pages*. 2021-06-17. Version 1.5.2d. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/xwatermark>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xwatermark>

Musa, Ahmed and David Carlisle. *The catoptions package. Preserving and recalling standard catcodes*. 2023-11-26. Version 0.2.7i. LICENSE: lppl1.3. The package changes package loading internals so that all subsequently loaded packages can rely on normal/standard catcodes of all ASCII characters. The package defines canonical control sequences to represent all the visible ASCII characters. It also provides robust option parsing mechanisms (, and , which will be used by if the package has already been loaded). The package also provides a range of other T<sub>E</sub>X programming tools.

URL: <https://ctan.org/pkg/catoptions>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catoptions>



- Musliner, David J. *The go-make package. A make variant for L<sup>A</sup>T<sub>E</sub>X documents*. 2025-07-20. Version 3.6. LICENSE: other-free  
 URL: <https://ctan.org/pkg/go-make>  
 MIRROR: <https://mirror.ctan.org/support/go>
- Myers, Eric. *The ruled-tables package. Plain T<sub>E</sub>X table macros, with ruled capability*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ruled-tables>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/ruled-tables>
- Myers, Eric and Frank Paige. *The TeXsis package. Plain T<sub>E</sub>X macros for Physicists*. 2024-01-30. Version 2.18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texsis>  
 MIRROR: <https://mirror.ctan.org/macros/plain/formats/texsis>
- Naanou, Alex A. *The photobook package. A document class for typesetting photo books*. 2024-07-19. Version 0.1.31. LICENSE: bsd3.  
 The L<sup>A</sup>T<sub>E</sub>X document class extends the book class defining a set of parameters, meta-macros, macros and environments with reasonable defaults to help typeset, build and print books mainly based on visual/image content.  
 URL: <https://ctan.org/pkg/photobook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/photobook>
- Nabavi, Amanullah. *The mohe-book package. Typeset authored, translated, and research books according to mohe rules*. 2025-04-15. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mohe-book>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/mohe-book>
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 URL: <https://ctan.org/pkg/rigidnotation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rigidnotation>
- Nagel, Daniel. *The fontawesome6 package. Font Awesome 6 with L<sup>A</sup>T<sub>E</sub>X support*. 2022-05-02. Version 6.7.2-3. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/fontawesome6>  
 MIRROR: <https://mirror.ctan.org/fonts/fontawesome6>
- *The fontawesome7 package. Font Awesome 7 with L<sup>A</sup>T<sub>E</sub>X support*. 2022-05-02. Version 7.1.0-1. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/fontawesome7>  
 MIRROR: <https://mirror.ctan.org/fonts/fontawesome7>
- Nagy, Bence. *The hungarian package. New Hungarian hyphenation patterns*. 2016-11-05. LICENSE: gpl. These patterns are a modern substitute for those in the package.  
 URL: <https://ctan.org/pkg/hungarian>  
 MIRROR: <https://mirror.ctan.org/language/hungarian/hyphenation>
- Nähring, Tobias and Herbert Voß. *The pst-bezier package. Draw Bezier curves*. 2016-09-03. Version 0.03. LICENSE: lppl. The package provides a macro for drawing a Bézier curve. Provision is made for full control of over all the control points of the curve.  
 URL: <https://ctan.org/pkg/pst-bezier>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bezier>
- Nakashima, Hiroshi. *The dblfnote package. Double-column footnotes*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dblfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- *The fnpos package. Control the position of footnotes on the page*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fnpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- *The hvdashln package. Horizontal and vertical dashed lines in arrays and tabulars*. 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hvdashln>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hvdashln.sty>
- *The pfnote package. Number footnotes per page*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
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 URL: <https://ctan.org/pkg/paracol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paracol>
- Nanayakkara, Chevan. *The pdfannotations package. Annotate PDF slides*. 2023-12-03. Version 3.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfannotations>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfannotations>



- Naranong, Saitulaa. *The texliveonfly package. On-the-fly download of missing T<sub>E</sub>X Live packages.* 2025-11-11. LICENSE: gpl3  
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URL: <https://ctan.org/pkg/bmpsize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/bmpsize.dtx>
  - *The catchfile package*. Catch an external file into a macro. 2019-12-14. Version 1.8. LICENSE: lppl1.3. This package catches the contents of a file and puts it in a macro. It requires . Both and are supported.  
URL: <https://ctan.org/pkg/catchfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catchfile>
  - *The centernot package*. Centred \not command. 2018-01-06. Version 1.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/centernot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/centernot.dtx>
  - *The chemarr package*. Arrows for chemists. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/chemarr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/chemarr.dtx>
  - *The classlist package*. Record classes used in a document. 2019-09-28. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/classlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/classlist.dtx>
  - *The colonequals package*. Colon equals symbols. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/colonequals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>
  - *The dosepsbin package*. Deal with DOS binary EPS files. 2016-07-05. Version 1.2. LICENSE: artistic  
URL: <https://ctan.org/pkg/dosepsbin>  
MIRROR: <https://mirror.ctan.org/support/dosepsbin>
  - *The dvipscol package*. Alter the usage of the dvips colour stack. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dvipscol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/dvipscol.dtx>
  - *The embedfile package*. Embed files into PDF. 2025-10-27. Version 2.13. LICENSE: lppl1.3c. This package embeds files in a PDF document, using the PDF format’s embedding operation (note the contrast with the attach operation used by the and packages). Currently only >=1.30, in PDF mode, is supported.  
URL: <https://ctan.org/pkg/embedfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedfile>
  - *The engord package*. Converts numbers to English ordinal numbers. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/engord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>
  - *The enparen package*. Consistent nested brackets. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/enparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
  - *The eolgrab package*. Catch arguments delimited by end of line. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
  - *The epstopdf-pkg package*. Call epstopdf “on the fly”. 2025-07-20. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script . This of course requires that shell escape is enabled for the pdfTeX run.  
URL: <https://ctan.org/pkg/epstopdf-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>

- Oberdiek, Heiko. *The etexcmds package. Avoid name clashes with e-TeX commands*. 2019-12-31. Version 1.7. LICENSE: lppl1.3. New primitive commands are introduced in e-TeX; sometimes the names collide with existing macros. This package solves the name clashes by adding a prefix to e-TeX's commands. For example, eTeX's is provided as .  
URL: <https://ctan.org/pkg/etexcmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etexcmds>
- *The fibnum package. Generate Fibonacci numbers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fibnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/fibnum.dtx>
  - *The flags package. Setting and clearing of flags in bit fields*. 2016-06-24. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flags>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/flags.dtx>
  - *The gettitlestring package. Clean up title references*. 2019-12-21. Version 1.6. LICENSE: lppl1.3. Cleans up the title string (removing commands) for packages (such as ) that typeset such strings.  
URL: <https://ctan.org/pkg/gettitlestring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gettitlestring>
  - *The grfext package. Manipulate the graphics package's list of extensions*. 2019-12-06. Version 1.3. LICENSE: lppl1.3. This package provides macros for adding to, and reordering the list of graphics file extensions recognised by package .  
URL: <https://ctan.org/pkg/grfext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfext>
  - *The grffile package. Extended file name support for graphics (legacy package)*. 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/grffile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grffile>
  - *The hobsub package. Construct package bundles*. 2019-11-17. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hobsub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hobsub>
  - *The hologo package. A collection of logos with bookmark support*. 2025-11-13. Version 1.16. LICENSE: lppl1.3c. The package defines a single command , whose argument is the usual case-confused ASCII version of the logo. The command is bookmark-enabled, so that every logo becomes available in bookmarks without further work.  
URL: <https://ctan.org/pkg/hologo>  
MIRROR: <https://mirror.ctan.org/macros/generic/hologo>
  - *The holtxdoc package. Documentation macros for oberdiek bundle, etc*. 2025-07-19. Version 0.29. LICENSE: lppl1.3c. These are personal macros, which are not necessarily useful to other authors (they are provided as part of the source of others of the author's packages). Macros that may be of use to other authors are available separately, in package .  
URL: <https://ctan.org/pkg/holtxdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
  - *The hopatch package. Load patches for packages*. 2023-01-07. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hopatch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hopatch>
  - *The hycolor package. Implements colour for packages hyperref and bookmark*. 2020-01-28. Version 1.10. LICENSE: lppl1.3. This package provides the code for the option that is used by packages and . It is not intended as package for the user.  
URL: <https://ctan.org/pkg/hycolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hycolor>
  - *The hypbmsec package. Hypertext bookmarks in sectioning commands*. 2018-01-06. Version 2.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hypbmsec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypbmsec.dtx>
  - *The hypcap package. Adjusting the anchors of captions*. 2024-08-07. Version 1.13. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hypcap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypcap>
  - *The hypdestopt package. Hyperref destination optimizer*. 2025-06-23. Version 2.9. LICENSE: lppl1.3c. This package supports 's pdfTeX driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.  
URL: <https://ctan.org/pkg/hypdestopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdestopt>
- Oberdiek, Heiko. *The hypdoc package. Hyper extensions for doc.sty*. 2023-10-26. Version 1.19. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of . Bookmarks are added and references are linked as far as possible.

- URL: <https://ctan.org/pkg/hypdoc>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdoc>
- *The hypgotoe package. Links to embedded files.* 2019-12-31. Version 0.3. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/hypgotoe>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
- *The hyphsubst package. Substitute hyphenation patterns.* 2016-06-24. Version 0.3. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/hyphsubst>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
- *The ifdraft package. Detect “draft” and “final” class options.* 2018-01-06. Version 1.4. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/ifoldraft>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/ifoldraft.dtx>
- *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/iflang>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
- *The infwarerr package. Complete set of information/warning/error message macros.* 2019-12-06. Version 1.5. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/infwarerr>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
- *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does ; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package .
- URL: <https://ctan.org/pkg/inputenx>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
- *The intcalc package. Expandable arithmetic operations with integers.* 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the e-TeX extension if it is available.
- URL: <https://ctan.org/pkg/intcalc>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
- *The kvdefinekeys package. Define keys for use in the kvsetkeys package.* 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to , to define keys for use by .
- URL: <https://ctan.org/pkg/kvdefinekeys>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
- *The kvoptions package. Key value format for package options.* 2022-06-16. Version 3.15. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/kvoptions>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>
- *The kvsetkeys package. Key value parser with default handler support.* 2022-10-05. Version 1.19. LICENSE: lppl1.3. This package provides \kvsetkeys, a variant of package ’s . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see ’s shorthands) and only one level of curly braces are removed from the values.
- URL: <https://ctan.org/pkg/kvsetkeys>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
- *The LaTeX-tds package. A structured copy of the L<sup>A</sup>T<sub>E</sub>X distribution.* 2021-03-14. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/latex-tds>
- MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>
- *The letltxmacro package. Let assignment for L<sup>A</sup>T<sub>E</sub>X macros.* 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX’s assignment does not work for L<sup>A</sup>T<sub>E</sub>X macros with optional arguments or for macros that are defined as robust macros by . This package defines that also takes care of the involved internal macros.
- URL: <https://ctan.org/pkg/letltxmacro>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letltxmacro>
- *The listingsutf8 package. Allow UTF-8 in listings input.* 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output mode).
- URL: <https://ctan.org/pkg/listingsutf8>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
- *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use.* 2023-12-04. Version 1.26. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/ltxcmds>
- MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>

- Oberdiek, Heiko. *The luacolor package. Color support based on LuaTeX's node attributes*. 2023-08-18. Version 1.18. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luacolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>
- *The luatex-pkg package. Basic definitions for LuaTeX*. 2019-11-15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luatex-pkg>
  - *The magicnum package. Access T<sub>E</sub>X systems' "magic numbers"*. 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/magicnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
  - *The makerobust package. Making a macro robust (legacy package)*. 2025-10-28. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/makerobust>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
  - *The mkjobtexmf package. Generate a texmf tree for a particular job*. 2016-06-24. Version 0.8. LICENSE: artistic  
 URL: <https://ctan.org/pkg/mkjobtexmf>  
 MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
  - *The mleftright package. Variants of delimiters that act as maths open/close*. 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants of `and` and `,` that make the delimiters act as `and` and `,`. These commands address spacing difficulties in subformulas.  
 URL: <https://ctan.org/pkg/mleftright>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mleftright>
  - *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek*. 2024-07-27. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/oberdiek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek>
  - *The pagegrid package. Print page grid in background*. 2022-09-24. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pagegrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagegrid>
  - *The pagesel package. Select pages of a document for output*. 2023-01-11. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pagesel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagesel>
  - *The pdfcol package. Macros for maintaining colour stacks under pdfTeX*. 2022-09-24. Version 1.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcol>
  - *The pdfcolfoot package. Separate color stack for footnotes with pdfTeX*. 2023-01-14. Version 1.4. LICENSE: lppl1.3. Since version 1.40 supports several colour stacks. This package uses a separate colour stack for footnotes that can break across pages.  
 URL: <https://ctan.org/pkg/pdfcolfoot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcolfoot>
  - *The pdfcolmk package. Improved colour support under pdfTeX (legacy stub)*. 2019-11-27. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfcolmk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcolmk>
  - *The pdfcolparallel package. Fix colour problems in package 'parallel'*. 2019-12-31. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pdfcolparallel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparallel.dtx>
  - *The pdfcolparcolumns package. Fix colour problems in package 'parcolumns'*. 2019-12-31. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pdfcolparcolumns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparcolumns.dtx>
  - *The pdfcrop package. Crop PDF graphics*. 2023-04-16. Version 1.42. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfcrop>  
 MIRROR: <https://mirror.ctan.org/support/pdfcrop>
  - *The pdfcrypt package. Allows the setting of pdf encryption*. 2018-01-06. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pdfcrypt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcrypt.dtx>
  - *The pdfescape package. Implements pdfTeX's escape features using T<sub>E</sub>X or e-TeX*. 2019-12-14. Version 1.15. LICENSE: lppl1.3. This package implements T<sub>E</sub>X's escape features (`\`, `^`, `~`) using T<sub>E</sub>X or e-TeX.  
 URL: <https://ctan.org/pkg/pdfescape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>
  - *The pdf1scape package. Make landscape pages display as landscape*. 2025-06-23. Version 0.14. LICENSE: lppl1.3c. The package adds PDF support to the landscape environment of package `landscape`, by setting the PDF page attribute. Pages with this attribute will be



displayed in landscape orientation by conforming PDF viewers.

URL: <https://ctan.org/pkg/pdfscape>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfscape>

Oberdiek, Heiko. *The pdfrender package. Control rendering parameters.* 2023-12-11. Version 1.8. LICENSE: lppl1.3c. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.

URL: <https://ctan.org/pkg/pdfrender>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfrender>

— *The pdftexcmds package. LuaTeX support for pdfTeX utility functions.* 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.

URL: <https://ctan.org/pkg/pdftexcmds>

MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>

— *The picture package. Dimens for picture macros.* 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.

URL: <https://ctan.org/pkg/picture>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>

— *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts.* 2018-01-06. Version 1.7. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/pkfix>

MIRROR: <https://mirror.ctan.org/support/pkfix>

— *The pmboxdraw package. Poor man's box drawing characters.* 2019-12-10. Version 1.4. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/pmboxdraw>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>

— *The protecteddef package. Define protected commands.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X ‘robust’ command or an e-TeX ‘protected’ command as appropriate to its environment.

URL: <https://ctan.org/pkg/protecteddef>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>

— *The refcount package. Counter operations with label references.* 2019-12-21. Version 3.6. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/refcount>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>

— *The rerunfilecheck package. Checksum based rerun checks on auxiliary files.* 2025-06-21. Version 1.11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/rerunfilecheck>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>

— *The resizgather package. Automatically resize overly large equations.* 2018-01-06. Version 1.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/resizgather>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizgather.dtx>

— *The rotchiffre package. Perform simple rotation cyphers.* 2016-06-24. Version 1.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/rotchiffre>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>

— *The scrindex package. Make index package work with KOMA-Script classes.* 2025-12-05. Version 1.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/scrindex>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>

— *The selinput package. Semi-automatic detection of input encoding.* 2019-12-14. Version 1.6. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/selinput>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selinput>

— *The setouterhbox package. Set hbox in outer horizontal mode.* 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then T<sub>E</sub>X performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.

URL: <https://ctan.org/pkg/setouterhbox>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>

— *The settobox package. Assigning dimensions of a box to a length register.* 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:

URL: <https://ctan.org/pkg/settobox>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>



- Oberdiek, Heiko. *The soul package. Hyphenation for letterspacing, underlining, and more.* 2023-06-14. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/soul>  
 MIRROR: <https://mirror.ctan.org/macros/generic/soul>
- *The stackrel package. Enhancement to the \stackrel command.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stackrel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>
  - *The stampinclude package. Inclusion based on .aux file date stamps.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stampinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>
  - *The stringenc package. Converting a string between different encodings.* 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.  
 URL: <https://ctan.org/pkg/stringenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringenc>
  - *The tabularht package. Tabular environments with height specified.* 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabularht>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>
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 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>
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 URL: <https://ctan.org/pkg/csplain>  
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 MIRROR: <https://mirror.ctan.org/macros/cstex>
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 URL: <https://ctan.org/pkg/ean>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ean>
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 URL: <https://ctan.org/pkg/encTeX>  
 MIRROR: <https://mirror.ctan.org/systems/encTeX>
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 URL: <https://ctan.org/pkg/ofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
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 URL: <https://ctan.org/pkg/opbible>  
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 URL: <https://ctan.org/pkg/optex>  
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URL: <https://ctan.org/pkg/bigstrut>  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
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 URL: <https://ctan.org/pkg/otfinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
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 URL: <https://ctan.org/pkg/affilauthor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/affilauthor>
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 URL: <https://ctan.org/pkg/cesenaexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>
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 URL: <https://ctan.org/pkg/ehline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
- *The labels4easylist package. Add reference labels to easylist items.* 2019-05-16. Version 1.0. LICENSE: mit. This package provides the macro for adding configurable reference labels to items.  
 URL: <https://ctan.org/pkg/labels4easylist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylist>
- *The pdfarticle package. Class for pdf publications.* 2019-05-15. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfarticle>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>
- *The tikzpackets package. Display network packets.* 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/tikzpackets>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackets>
- *The vtable package. Vertical alignment of table cells.* 2019-05-16. Version 1.0. LICENSE: mit. The package allows vertical alignment of table cell by providing:  
 URL: <https://ctan.org/pkg/vtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vtable>
- Page, Stephen. *The doublespace package. Double space environment.* 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/doublespace>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>
- *The drafthead package. Mark "DRAFT" in page headers.* 2025-07-20. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drafthead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>
- Pagès, Clément. *The playcards package. A simple template for drawing playcards.* 2023-06-11. Version 0.2.1. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/playcards>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/playcards>
- Pagin, Peter. *The philex package. Cross references for named and numbered environments.* 2016-06-24. Version 1.3. LICENSE: lpl  
 URL: <https://ctan.org/pkg/philex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
- Paić, Alan and Ivan Kokan. *The babel-croatian package. Babel contributed support for Croatian.* 2016-06-24. Version 1.3l. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/babel-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package. A L<sup>A</sup>T<sub>E</sub>X-based archiver.* 2025-02-26. Version 1.1. LICENSE: lpl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files

when it's run through  $\LaTeX$ .

URL: <https://ctan.org/pkg/arllatex>

MIRROR: <https://mirror.ctan.org/support/bundledoc>

Pakin, Scott. *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/attachfile>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>

— *The boxedminipage package. Framed minipages of a specified total width (text and frame combined)*. 2020-04-21. Version 1.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/boxedminipage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>

— *The bundledoc package. Bundle together all the files needed to build a  $\LaTeX$  document*. 2025-02-26. Version 3.5. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/bundledoc>

MIRROR: <https://mirror.ctan.org/support/bundledoc>

— *The bytefield package. Create illustrations for network protocol specifications*. 2025-03-03. Version 2.9. LICENSE: lppl1.3a

URL: <https://ctan.org/pkg/bytefield>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>

— *The comicsans package. Use Microsoft Comic Sans font*. 2021-09-11. Version 1.0g. LICENSE: lppl

URL: <https://ctan.org/pkg/comicsans>

MIRROR: <https://mirror.ctan.org/fonts/comicsans>

— *The cooltooltips package. Associate a pop-up window and tooltip with PDF hyperlinks*. 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.

URL: <https://ctan.org/pkg/cooltooltips>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>

— *The covfonts package. Make Apostrophic Laboratories's Covington fonts available to  $\TeX$  and  $\LaTeX$* . 2022-04-24. Version 1.0a. LICENSE: lppl. The covfonts package provides all of the font metrics, virtual fonts, font-description files, and font-mapping files needed to use Apostrophic Laboratories's freely downloadable with  $\TeX$  and  $\LaTeX$ .

URL: <https://ctan.org/pkg/covfonts>

MIRROR: <https://mirror.ctan.org/fonts/covfonts>

— *The ctanify package. Prepare a package for upload to CTAN*. 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/ctanify>

MIRROR: <https://mirror.ctan.org/support/ctanify>

— *The dashrule package. Draw dashed rules*. 2016-06-24. Version 1.3. LICENSE: lppl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in  $\LaTeX$ . dashrule provides a command, `\dashrule`, which is a cross between  $\LaTeX$ 's `\rule` and PostScript's `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule's rules are constructed internally using (as opposed to, e.g., PostScript's) they are fully compatible with every  $\LaTeX$  back-end processor.

URL: <https://ctan.org/pkg/dashrule>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>

— *The dtxut package. Tutorial on writing .dtx and .ins files*. 2024-01-25. Version 2.4. LICENSE: lppl1.3c. This tutorial is intended for advanced  $\LaTeX$ 2e users who want to learn how to create and files for distributing their homebrewed classes and package files.

URL: <https://ctan.org/pkg/dtxut>

MIRROR: <https://mirror.ctan.org/info/dtxut>

— *The eqparbox package. Create equal-widthed parboxes*. 2017-09-04. Version 4.1. LICENSE: lppl1.3c. LaTeX users sometimes need to ensure that two or more blocks of text occupy the same amount of horizontal space on the page. To that end, the eqparbox package defines a new command, `\eqparbox`, which works just like `\parbox`, except that instead of specifying a width, one specifies a tag. All eqparboxes with the same tag—regardless of where they are in the document—will stretch to fit the widest eqparbox with that tag. This simple, equal-width mechanism can be used for a variety of alignment purposes, as is evidenced by the examples in eqparbox's documentation. Various derivatives of `\eqparbox` are also provided.

URL: <https://ctan.org/pkg/eqparbox>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqparbox>

— *The filecontents package. Create an external file from within a  $\LaTeX$  document*. 2023-04-02. Version 1.5a. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/filecontents>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontents>

- Pakin, Scott. *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document*. 2024-03-18. Version 5.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hyperxmp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>
- *The IEEEconf package. Macros for IEEE conference proceedings*. 2021-06-23. Version 1.4. LICENSE: lppl. The IEEEconf class implements the dictated by the IEEE Computer Society Press for conference proceedings.  
 URL: <https://ctan.org/pkg/ieeeconf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEconf>
  - *The leawood package. LaTeX support for use of ITC Leawood font family*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/leawood>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
  - *The listliketab package. Typeset lists as tables*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/listliketab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
  - *The mf2pt1 package. Convert stylized Metafont to PostScript Type 1*. 2024-07-07. Version 2.8. LICENSE: lppl1.3c. mf2pt1 is a Perl script that facilitates producing PostScript Type 1 fonts from a Metafont source file. It is not, as the name may imply, an automatic converter of arbitrary Metafont fonts to Type 1 format. mf2pt1 imposes a number of restrictions on the Metafont input. If these restrictions are met, mf2pt1 will produce valid Type 1 output with more accurate control points than can be reverse-engineered by T<sub>E</sub>Xtrace, , and other programs which convert bitmaps to outline fonts.  
 URL: <https://ctan.org/pkg/mf2pt1>  
 MIRROR: <https://mirror.ctan.org/support/mf2pt1>
  - *The mftinc package. Pretty-print Metafont source*. 2016-06-24. Version 1.0a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mftinc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
  - *The newcommand package. Generate new L<sup>A</sup>T<sub>E</sub>X command definitions*. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple -style commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
 URL: <https://ctan.org/pkg/newcommand>  
 MIRROR: <https://mirror.ctan.org/support/newcommand>
  - *The perl<sub>tex</sub> package. Define L<sup>A</sup>T<sub>E</sub>X macros in terms of Perl code*. 2024-12-05. Version 2.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/perl<sub>tex</sub>>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perl<sub>tex</sub>>
  - *The pkfix-helper package. Make PostScript files accessible to pkfix*. 2020-08-06. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pkfix-helper>  
 MIRROR: <https://mirror.ctan.org/support/pkfix-helper>
  - *The purifyeps package. Make EPS work with both L<sup>A</sup>T<sub>E</sub>X/dvips and pdfLaTeX*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/purifyeps>  
 MIRROR: <https://mirror.ctan.org/support/purifyeps>
  - *The repl<sub>text</sub> package. Control how text gets copied from a PDF file*. 2020-09-25. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/repl<sub>text</sub>>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repl<sub>text</sub>>
  - *The savetrees package. Optimise the use of each page of a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/savetrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savetrees>
  - *The spverbatim package. Allow line breaks within \verb and verbatim output*. 2016-06-24. Version 1.0. LICENSE: lppl. LaTeX’s macro treats its argument as an unbreakable unit of text. This can lead to poor typesetting, especially when the argument is long. The spverbatim package provides a macro that is analogous to and an environment that is analogous to with the difference being that and allow L<sup>A</sup>T<sub>E</sub>X to break lines at space characters.  
 URL: <https://ctan.org/pkg/spverbatim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spverbatim>
  - *The Comprehensive L<sup>A</sup>T<sub>E</sub>X Symbol List package. Symbols accessible from L<sup>A</sup>T<sub>E</sub>X*. 2024-01-03. Version 15.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/comprehensive>  
 MIRROR: <https://mirror.ctan.org/info/symbols/comprehensive>
  - *The threadcol package. Organize document columns into PDF “article thread”*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/threadcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threadcol>



- Pakin, Scott. *The uiucborder package. Class for UIUC thesis red-bordered forms.* 2016-06-24. Version 1.00. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/uiucborder>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
- *The visualFAQ package. A Visual  $\text{\LaTeX}$  FAQ.* 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a  $\text{\LaTeX}$  question? The Visual  $\text{\LaTeX}$  FAQ is an innovative new search interface that presents over a hundred typeset samples of frequently requested document formatting. Simply click on a hyperlinked piece of text and the Visual  $\text{\LaTeX}$  FAQ will send your Web browser to the appropriate page in the .  
 URL: <https://ctan.org/pkg/visualfaq>  
 MIRROR: <https://mirror.ctan.org/info/visualfaq>
  - *The wheretotrim package. Assist in reducing  $\text{\LaTeX}$  document page counts.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/wheretotrim>  
 MIRROR: <https://mirror.ctan.org/support/wheretotrim>
- Pall, Palash Baran. *The bangtex package. Writing Bangla and Assamese with  $\text{\LaTeX}$ .* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bangtex>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bangtex>
- Pallas, Joseph. *The suthesis package. Typeset a Stanford University thesis.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/suthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
- Palm, Reimo. *The lshort-estonian package. Estonian introduction to  $\text{\LaTeX}$ .* 2016-06-24. Version 5.05. LICENSE: gpl2. This is the Estonian translation of .  
 URL: <https://ctan.org/pkg/lshort-estonian>  
 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
- Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code.* 2023-01-17. Version 1.5. LICENSE: lppl. The package contains , the Lua web client version of mol2chemfig. It is used from the command line but calls the mol2chemfig server for every request, to convert chemical structures from MDL molfile format or SMILES format to  $\text{\TeX}$  format for processing using .  
 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
- *The pdfpreview package. Annotate PDF files with margin notes.* 2019-02-22. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdfpreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpreview>
- Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibweb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/bibweb>
- *The Ultra-TeX package. An emacs  $\text{\TeX}$  mode with “lightning completion”.* 2025-07-20. LICENSE: gpl. Ultra-TeX is an Emacs mode, a distant relation of , with several enhancements (relative to the version it started from) and with a “lightning completion” mode that doesn’t wait for a request for completion (the request is typically expressed by pressing the tab key).  
 URL: <https://ctan.org/pkg/ultratex>  
 MIRROR: <https://mirror.ctan.org/support/ultratex>
- Pamp, Quirin. *The frege package. Typeset fregean Begriffsschrift.* 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/frege>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
- Pan, Shengjun. *The lmake package. Process lists to do repetitive actions.* 2016-06-24. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
- *The meper package. MetaPost editor and previewer.* 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/meper>  
 MIRROR: <https://mirror.ctan.org/support/meper>
- Panagopoulos, George. *The db package. Process simple databases inside  $\text{\LaTeX}$ .* 2016-06-24. Version 2.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/db>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/db.sty>
- Pandey, Anshuman. *The gurmukhi package. Support for Gurmukhi.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
- Pandey, Anshuman. *The wnri-latex package. LaTeX support for wnri fonts.* 2018-01-06. Version 1.0b. LICENSE: gpl2. LaTeX support for the fonts.



- URL: <https://ctan.org/pkg/wnri-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
- Pandey, Anshuman and Abhijit Das. *The bengali-pandey package. Support for the Bengali language*. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/bengali-pandey>  
MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
- Panov, Andrey. *The cyrillic-modern package. Slightly modified computer modern fonts with Cyrillics*. 2024-05-11. Version 0.4. LICENSE: ofl  
URL: <https://ctan.org/pkg/cyrillic-modern>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cyrillic-modern>
- Panov, Andrey and Nikola Lečić. *The cm-unicode package. Computer Modern Unicode font family*. 2021-03-10. Version 0.7.0. LICENSE: ofl  
URL: <https://ctan.org/pkg/cm-unicode>  
MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
- Pantieri, Lorenzo. *The ArsClassica package. A different view of the ClassicThesis package*. 2017-10-31. LICENSE: lppl. The package changes some typographical points of the ClassicThesis style, by André Miede. It enables the user to reproduce the look of the guide (the web page is in Italian).  
URL: <https://ctan.org/pkg/arsclassica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arsclassica>
- Pantigny, François. *The cascade package. Constructions with braces to present mathematical demonstrations*. 2025-11-11. Version 1.2a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cascade>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascade>
- *The nicematrix package. Improve the typesetting of mathematical matrices with PGF*. 2026-01-05. Version 7.5a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nicematrix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicematrix>
- *The piton package. Typeset computer listings with LPEG of LuaLaTeX*. 2026-01-08. Version 4.11. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/piton>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/piton>
- *The witharrows package. “Aligned” math environments with arrows for comments*. 2025-11-11. Version 2.9a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/witharrows>  
MIRROR: <https://mirror.ctan.org/macros/generic/witharrows>
- Pantke, Micaela. *The futhorc package. Anglo-Friesic futhorc alphabet font*. 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/futhorc>  
MIRROR: <https://mirror.ctan.org/fonts/futhorc>
- Papa, Brian and American Meteorological Society. *The ametsoc package. Official American Meteorological Society L<sup>A</sup>T<sub>E</sub>X Template*. 2022-04-06. Version 4.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/ametsoc>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ametsoc>
- Papanicola, Robert. *The bodegraph package. Draw Bode, Nyquist and Black plots with gnuplot and TikZ*. 2024-11-10. Version 1.6. LICENSE: lppl. The package provides facilities to draw Bode, Nyquist and Black plots using and . Elementary Transfer Functions and basic correctors are preprogrammed for use.  
URL: <https://ctan.org/pkg/bodegraph>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/bodegraph>
- *The grafcet package. Draw Grafcet/SFC with TikZ*. 2018-01-17. Version 1.3.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/grafcet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/grafcet>
- *The schemabloc package. Draw block diagrams, using TikZ*. 2023-10-03. Version 1.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/schemabloc>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/schemabloc>
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URL: <https://ctan.org/pkg/latex2nemeth>  
MIRROR: <https://mirror.ctan.org/support/latex2nemeth>
- ParaGraph International, Vladimir Volovich, and Anatoliy A. Malyarenko. *The literaturnaya package. The Literaturnaya family of fonts*. 2021-09-11. Version 0.2. LICENSE: nosell

- URL: <https://ctan.org/pkg/literurnaya>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
- Parashchenko, Oleg. *The cals package. Multipage tables with wide range of features*. 2017-01-20. Version 2.4.2. LICENSE: lppl1.3. The package is a set of macros to typeset multipage tables with repeatable headers and footers, with cells spanned over rows and columns. Decorations are supported: padding, background color, width of separation rules. The code is compatible with and .  
URL: <https://ctan.org/pkg/cals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cals>
- *The parades package. Tabulators and space between paragraphs in galley approach*. 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/parades>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parades>
- Park, William. *The pictex2 package. Adds relative coordinates and improves the \plot command*. 2016-06-24. LICENSE: lppl. Adds two user commands to standard . One command uses relative coordinates, thus eliminating the need to calculate the coordinate of every point manually as in standard PiTeX. The other command modifies to use a rule instead of dots if the line segment is horizontal or vertical.  
URL: <https://ctan.org/pkg/pictex2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>
- Park, William and Dominique Unruh. *The braille package. Support for braille*. 2016-06-24. LICENSE: lppl1.3. This package allows the user to produce Braille documents on paper for the blind without knowing Braille (which can take years to learn). Python scripts and convert ordinary text to grade 1 and 2 Braille tags; then, the  $\LaTeX$  package takes the tags and prints out corresponding Braille symbols.  
URL: <https://ctan.org/pkg/braille>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braille>
- Parry, Chad. *The bibleref-lds package. Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bibleref-lds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-lds>
- *The bibleref-mouth package. Consistent formatting of Bible references*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows Bible references to be formatted in a consistent way. It is similar to the bibleref package, except that the formatting macros are all purely expandable — that is, they are all implemented in  $\TeX$ 's mouth. This means that they can be used in any expandable context, such as an argument to a command.  
URL: <https://ctan.org/pkg/bibleref-mouth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-mouth>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/diffcoeff>
- *The numerica package. Numerically evaluate mathematical expressions in  $\LaTeX$  form*. 2025-11-11. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica>
- *The numerica-plus package. Iteration and recurrence relations: finding fixed points, zeros and extrema of functions*. 2025-11-11. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-plus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
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URL: <https://ctan.org/pkg/portland>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>
- Partl, Hubert and B. Simon. *The sfarticle package. A  $\LaTeX$  2.09 article style with an sf switch*. 2016-06-24. LICENSE: noinfo. The package is a variant of standard that has an option (for sans typesetting) and various of the ‘fixed names’ (such as ‘Contents’) defined in macros (and thus variable).  
URL: <https://ctan.org/pkg/sfarticle>  
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- Pasechnik, Dima and Dan Drake. *The SageTeX package. Embed Sage code and plots into L<sup>A</sup>T<sub>E</sub>X*. 2023-01-11. Version 3.6.1. LICENSE: gpl2+.  
SageTeX allows you to embed code, the results of computations, plots, and graphics from the into L<sup>A</sup>T<sub>E</sub>X documents. It is similar in spirit to Literate Haskell and lhs2TeX.  
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- Pasquet, Stéphane. *The pas-cours package. Macros useful in preparing teaching material*. 2020-07-16. Version 1.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cours>  
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- *The pas-crosswords package. Creating crossword grids, using TikZ*. 2016-06-24. Version 1.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-crosswords>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-crosswords>
  - *The pas-cv package. Flexible typesetting of Curricula Vitae*. 2016-06-24. Version 2.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cv>  
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  - *The pas-tableur package. Create a spreadsheet layout*. 2024-09-14. Version 2.06. LICENSE: lppl  
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- Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for L<sup>A</sup>T<sub>E</sub>X or other formats*. 2025-10-29. Version 0.99e. LICENSE: knuth  
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MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/aaai>
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URL: <https://ctan.org/pkg/aaai-named>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aaai-named.bst>
  - *The ijcai89 package. Format papers for IJCAI 1989*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ijcai89>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
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URL: <https://ctan.org/pkg/named>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/named>
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URL: <https://ctan.org/pkg/graph35>  
MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package. Draw pixel-art pictures*. 2023-02-20. Version 1.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pixelart>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
  - *The SpiX package. Yet another T<sub>E</sub>X compilation tool: simple, human readable, no option, no magic*. 2022-11-18. Version 1.3.0. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/spix>  
MIRROR: <https://mirror.ctan.org/support/spix>
  - *The thalie package. Typeset drama plays*. 2022-12-11. Version 0.13a. LICENSE: lppl1.3. The package provides tools to typeset drama plays. It defines commands to introduce characters’ lines, to render stage directions, to divide a play into acts and scenes and to build the automatically.  
URL: <https://ctan.org/pkg/thalie>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
- Pearlmutter, Barak A. *The bibfile-reformat-pages package. Puts .bib file page ranges into uniform format*. 2016-06-24. LICENSE: gpl.  
This is a small gawk script to put all the page ranges in a file into a uniform format, either 1234-1256 or upon request 1234-56; null ranges such as 1234-1234 are always scrunched to just 1234. The script squeezes out spaces around the separator; can make

- all separators one- or two-hyphens upon request. The script is very conservative: it is probably impossible for it actually to mess up a file.
- URL: <https://ctan.org/pkg/bibfile-reformat-pages>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
- Pearson, George. *The asaetr package*. *Transactions of the ASAE*. 2016-06-24. Version 1.0a. LICENSE: pd  
URL: <https://ctan.org/pkg/asaetr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asaetr>
- *The scientificviewer package*. *MacKichan software viewer*. 2025-10-28. LICENSE: nosource  
URL: <https://ctan.org/pkg/scientificviewer>  
MIRROR: <https://mirror.ctan.org/systems/win32/scientificviewer>
- Pease, Emma. *The phonetic package*. *Metafont Phonetic fonts, based on Computer Modern*. 2020-09-26. LICENSE: lppl  
URL: <https://ctan.org/pkg/phonetic>  
MIRROR: <https://mirror.ctan.org/fonts/phonetic>
- *The tree-dvips package*. *Trees and other linguists’ macros*. 2016-06-24. Version .91. LICENSE: lppl1  
URL: <https://ctan.org/pkg/tree-dvips>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
- Péault, Olivier. *The mptrees package*. *Probability trees with MetaPost*. 2024-04-08. Version 24.04. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mptrees>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package*. *MetaPost macros for secondary school mathematics teachers*. 2023-05-03. Version 23.05.b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/repere>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
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URL: <https://ctan.org/pkg/outlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/outlines>
- Pedersen, Bjørn. *The bpchem package*. *Typeset chemical names, formulae, etc*. 2025-07-19. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/bpchem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bpchem>
- *The delimtxt package*. *Read and parse text tables*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/delimtxt>  
MIRROR: <https://mirror.ctan.org/macros/latex/exptl/delimtxt>
  - *The dnaseq package*. *Format DNA base sequences*. 2016-06-24. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/dnaseq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>
  - *The gradback package*. *Gradient backgrounds for dvips output*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/gradback>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradback>
  - *The serial package*. *Generate serial letters*. 2016-06-24. LICENSE: lppl. The serial package provides a wrapper to the letter class for the generation of serial letters. It contains different interfaces to data base generated adress files. Additionally, a configuration file allows easy customization of the letterheads etc. Requires from and the following are recommended: , , .  
URL: <https://ctan.org/pkg/serial>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serial>
- Pedersen, Lucas Alexander V. *The ku-template package*. *Copenhagen University or faculty logo for front page*. 2017-11-28. Version 0.02. LICENSE: mit  
URL: <https://ctan.org/pkg/ku-template>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ku-template>
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URL: <https://ctan.org/pkg/gchords>  
MIRROR: <https://mirror.ctan.org/graphics/gchords>
- Pégourié-Gonnard, Manuel. *The luacode package*. *Helper for executing lua code from within T<sub>E</sub>X*. 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within T<sub>E</sub>X with can sometimes be tricky: there is no easy way to use the percent character, counting backslashes may be hard, and Lua comments don’t work the way you expect. The package provides the command and the () environments to help with these problems.

- URL: <https://ctan.org/pkg/luacode>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>
- *The lualatex-doc package. A guide to use of  $\LaTeX$  with LuaTeX.* 2023-12-07. LICENSE: fdl  
URL: <https://ctan.org/pkg/lualatex-doc>  
MIRROR: <https://mirror.ctan.org/obsolete/info/luatex/lualatex-doc>
  - *The pdf14 package. Restore PDF 1.4 to a  $\TeX$  Live 2010 format.* 2025-11-11. Version 0.1. LICENSE: lppl1.3. Starting with  $\TeX$  Live 2010, the various formats, that directly generate PDF, default to generating PDF 1.5. This is generally a , but it can lead to compatibility issues with some older PDF viewers. This package changes the version of PDF generated with formats (based on pdfTeX or LuaTeX in PDF mode), back to 1.4 for documents that need to achieve maximal compatibility with old viewers.  
URL: <https://ctan.org/pkg/pdf14>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdf14>
  - *The show2e package. Variants of `\show` for  $\LaTeX_{2e}$ .* 2016-06-24. Version 1.0. LICENSE: lppl. This small package aims at making debugging (especially in an interactive way) easier, by providing variants suited to  $\LaTeX_{2e}$  commands (whether with optional arguments or robust) and environments. The variant commands also display the internal macros used by such commands, if any. The variant helps with macros with exotic names.  
URL: <https://ctan.org/pkg/show2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/show2e>
  - *The ted package. A (primitive) token list editor.* 2025-11-11. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/ted>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ted>
  - *The xargs package. Define commands with many optional arguments.* 2016-06-24. Version 1.1. LICENSE: lppl. The package provides extended versions of and related  $\LaTeX$  commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.  
URL: <https://ctan.org/pkg/xargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xargs>
- Pégourié-Gonnard, Manuel, Philipp Gesang, Élie Roux, David Carlisle, and Joseph Wright. *The luatexbase package. Basic resource management for LuaTeX code.* 2016-06-24. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luatexbase>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luatexbase>
- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaLaTeX (German translation).* 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
URL: <https://ctan.org/pkg/lualatex-doc-de>  
MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences.* 2025-11-11. Version 2.2.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bfh-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>
- *The mucproc package. Conference proceedings for the German MuC-conference.* 2017-04-18. Version 1.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mucproc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mucproc>
  - *The rwth-ci package. LaTeX templates using CI of RWTH Aachen University.* 2026-01-02. Version 1.0a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/rwth-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rwth-ci>
  - *The tuda-ci package. LaTeX templates of Technische Universität Darmstadt.* 2025-11-15. Version 4.05. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tuda-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tuda-ci>
  - *The unigrazpub package. LaTeX templates for University of Graz Library Publishing Services.* 2025-11-11. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unigrazpub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unigrazpub>
- Peischl, Marei. *The urcls package. Beamer and scrlltr2 classes and styles for the University of Regensburg.* 2024-10-25. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urcls>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/urcls>



- *The ZUGFeRD package. ZUGFeRD and Faktur-X invoicing using L<sup>A</sup>T<sub>E</sub>X.* 2025-11-11. Version 0.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/zugferd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zugferd>
- Peischl, Marei and Alex Antener. *The qrbill package. Create QR bills using L<sup>A</sup>T<sub>E</sub>X.* 2025-11-11. Version 2.01. LICENSE: lppl1.3c,bsd3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrbill>
- Peise, Elmar. *The drawmatrix package. Draw visual representations of matrices in L<sup>A</sup>T<sub>E</sub>X.* 2017-06-05. Version 1.5.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/drawmatrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmatrix>
- Penninga, Marc. *The fontools package. Tools to simplify using fonts (especially TT/OTF ones).* 2025-09-09. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/fontools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/truetypemetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
- Pepping, Simon. *The ifacmtg package. Elsevier Science preprint style for IFAC meetings.* 2016-06-24. LICENSE: other-nonfree. To prepare a paper for an IFAC meeting, using L<sup>A</sup>T<sub>E</sub>X, the author needs a bibliography style such as .  
 URL: <https://ctan.org/pkg/ifacmtg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifacmtg>
- Peregoudov, Iliya. *The cmcyr-patch package. A set of Type 1 Cyrillic fonts.* 2016-06-24. LICENSE: noinfo. This is a set of fonts, derived from a set within the ; the originals had encoding problems, and the package offers modified (working) versions.  
 URL: <https://ctan.org/pkg/cmcyr-patch>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
- Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination.* 2019-02-03. LICENSE: pd  
 URL: <https://ctan.org/pkg/cvsty>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
- Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica.* 2025-10-29. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ecta>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
- Peri, Lorenzo. *The xreview package. Reviewing L<sup>A</sup>T<sub>E</sub>X documents made easy(er).* 2025-11-11. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/xreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xreview>
- Peron, Jacques. *The luaoptions package. Option handling for LuaLaTeX packages.* 2022-11-02. Version 0.8. LICENSE: mit. This LuaLaTeX package provides extensive support for handling , on package level and locally. It allows the declaration of sets of options, along with defaults, expected/allowed values and limited type checking. These options can be enforced as package options, changed at any point during a document, or overwritten locally by optional macro arguments. It is also possible to instantiate an Options object as an independent Lua object, without linking it to a package. can be used to enforce and prepopulate options, or it can be used to simply handle the parsing of optional arguments into proper Lua tables.  
 URL: <https://ctan.org/pkg/luaoptions>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaoptions>
- Peron, Jacques and The Gregorio Project. *The lyluatex package. Commands to include lilypond scores within a (Lua)LaTeX document.* 2023-04-18. Version 1.1.5. LICENSE: mit  
 URL: <https://ctan.org/pkg/lyluatex>  
 MIRROR: <https://mirror.ctan.org/support/lyluatex>
- Perren, Jonatán. *The pgf-go package. Diagramming and commenting on Go games.* 2021-09-11. Version 0.2025.03.10. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-go>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-go>
- Perrone, Michael P. *The plainyr package. Plain bibliography style, sorted by year first.* 2025-10-29. LICENSE: other-free  
 URL: <https://ctan.org/pkg/plainyr>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/plainyr.bst>
- Perske, Rainer. *The verbinp package. “8-bit” verbatim.* 2025-12-05. LICENSE: noinfo. In the days before the advent of L<sup>A</sup>T<sub>E</sub>X2e, and of the package, this package enabled the use of ISO 8859-1 coded verbatim input through a command.  
 URL: <https://ctan.org/pkg/verbinp>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/verbinp.sty>
- Perske, Rainer. *The verbtex package. Verbatim, interpreting non-ascii text.* 2016-06-24. LICENSE: gpl. The package provides common verbatim facilities (inline text and text input from a file), and is set up to interpret other than plain ASCII text (specifically ISO

- 8859-1 and Microsoft code pages 437 and 850); nothing more than the font family is needed.  
 URL: <https://ctan.org/pkg/verbttext>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/verbttext>
- Pfahler, Simon. *The colorblind package. Easy colorblind-safe typesetting*. 2026-01-19. Version 1.2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/colorblind>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorblind>
- Pfennig, Frank. *The schedule209 package. Typeset schedules*. 2016-09-25. LICENSE: noinfo. The package implements a document style which enables the user to construct diagrams showing the planned progress of projects, etc. This package seems unrelated to the package written for use with  $\text{\LaTeX}$  2e. The two packages provide very similar facilities, but the present package's use of PostScript features (for shading schedule entry backgrounds) is entirely ad hoc.  
 URL: <https://ctan.org/pkg/schedule209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/schedule.sty>
- Pfister, Wilfried. *The lifia-th package. A thesis class for LIFIA, Grenoble*. 2016-06-24. Version 2.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lifia-th>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lifia-th>
- Phan, Anthony. *The m3D package. Extension of plain MetaPost for 3D graphics*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/m3d>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/m3D>
- *The mathabx package. Three series of mathematical symbols*. 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathabx>  
 MIRROR: <https://mirror.ctan.org/fonts/mathabx>
- *The mbboard package. Comprehensive blackboard bold fonts*. 2016-06-24. Version 0.4. LICENSE: knuth  
 URL: <https://ctan.org/pkg/mbboard>  
 MIRROR: <https://mirror.ctan.org/fonts/mbboard>
- Piaw, Na Choon. *The scmac package. Typeset scripts with Plain  $\text{\TeX}$* . 2016-06-18. Version 2.02. LICENSE: other-free  
 URL: <https://ctan.org/pkg/scmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scmac202.tex>
- Piazzai, Michele. *The beamertheme-arguelles package. Simple, typographic beamer theme*. 2025-09-30. Version 2.5.0. LICENSE: mit. Argüelles is a beamer theme that helps you create beautiful presentations. It aims for simplicity and readability by following best practices of graphic design. The layout is elegant but subtle, so as to keep the audience's attention on your content. This is brought to life by , one of the 53 Fonts of the Decade selected by the Association Typographique Internationale (2011).  
 URL: <https://ctan.org/pkg/beamertheme-arguelles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-arguelles>
- *The opencolor package. Definitions from the Open Color library*. 2023-03-05. Version 1.0.1. LICENSE: mit. This package provides hexadecimal color definitions of the 130 colors included in the library.  
 URL: <https://ctan.org/pkg/opencolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opencolor>
- *The uvaletter package. Unofficial letterhead template for the University of Amsterdam*. 2023-03-30. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/uvaletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uvaletter>
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 URL: <https://ctan.org/pkg/exercise>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercise>
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 URL: <https://ctan.org/pkg/mathdesign>  
 MIRROR: <https://mirror.ctan.org/fonts/mathdesign>
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 URL: <https://ctan.org/pkg/winfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/winfonts>
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 URL: <https://ctan.org/pkg/lgrind>  
 MIRROR: <https://mirror.ctan.org/support/lgrind>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
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URL: <https://ctan.org/pkg/syntaxdi>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
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URL: <https://ctan.org/pkg/calculatoritems>  
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  - *The circularglyphs package. A circular glyphs alphabet*. 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c,other-free  
URL: <https://ctan.org/pkg/circularglyphs>  
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  - *The coloredbelts package. Insert colored belts in documents (to present skills, for example)*. 2025-11-11. Version 0.1.6. LICENSE: lppl1.3c,cc-by-sa-3  
URL: <https://ctan.org/pkg/coloredbelts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloredbelts>
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  - *The couleurs-fr package. French version of colour definitions from xcolor*. 2025-10-28. Version 0.1.4. LICENSE: lppl1.3c. This package provides colours with French names, based on (svgnames, dvipsnames) and .  
URL: <https://ctan.org/pkg/couleurs-fr>  
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  - *The CreationBoites package. Macros to create simple tcolorbox with some customizations*. 2025-12-27. Version 0.1.8. LICENSE: lppl1.3c. This package provides some macros to create sampleboxes with :  
URL: <https://ctan.org/pkg/creationboites>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/creationboites>
  - *The customenvs package. Custom environments (MCQ, list with picked items, ...)* 2026-01-17. Version 0.42f. LICENSE: lppl1.3c,cc0,cc-by-4,mit,cc-by-sa-4  
URL: <https://ctan.org/pkg/customenvs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/customenvs>
  - *The euromoney package. Vectorial coins and banknotes in euro, with stacking option*. 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c,pd  
URL: <https://ctan.org/pkg/euromoney>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euromoney>
  - *The FenetreCas package. Commands for CAS-like windows (Xcas or Geogebra) in TikZ*. 2024-11-25. Version 0.1.4. LICENSE: lppl1.3c. This package provides some commands (in French) to display, with TiZ, windows like Xcas or Geogebra :  
URL: <https://ctan.org/pkg/fenetrecas>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/fenetrecas>
  - *The fontawesomescaled package. Additional macros for fontawesome icons*. 2025-07-17. Version 0.1.1. LICENSE: lppl1.3c. This package provides additional macros for icons with custom scale or alias creation:  
URL: <https://ctan.org/pkg/fontawesomescaled>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fontawesomescaled>
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URL: <https://ctan.org/pkg/highlightx>  
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URL: <https://ctan.org/pkg/inlinegraphicx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinegraphicx>
- *The ipsum package*. Insert multilingual placeholder text. 2025-07-15. Version 0.1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ipsum>
- *The jetbrainsmono-otf package*. Package (or only fontspec config files) support for the OpenType font JetBrains. 2025-01-10. Version 0.1. LICENSE: lppl1.3,ofl  
URL: <https://ctan.org/pkg/jetbrainsmono-otf>  
MIRROR: <https://mirror.ctan.org/fonts/jetbrainsmono-otf>
- *The JeuxCartes package*. Macros to insert playing cards. 2025-11-28. Version 0.3.5. LICENSE: lppl1.3c,lgpl2.1,pd,cc-by-sa-4,pd,mit. This package provides macros to insert playing cards, single, or hand, or random-hand, Poker or French Tarot or Uno, from files.  
URL: <https://ctan.org/pkg/jeuxcartes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jeuxcartes>
- *The logoetalab package*. Insert Licence Etalab 2.0 logo. 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c,cc-by-2  
URL: <https://ctan.org/pkg/logoetalab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/logoetalab>
- *The lucide-icons package*. Use lucide-icons through  $\LaTeX$  commands. 2025-12-27. Version 0.1.1. LICENSE: lppl1.3c,isc. This package provides commands like which allow to use through  $\LaTeX$  commands. The implementation relies on images (PDF from SVG) and should work on every installation.  
URL: <https://ctan.org/pkg/lucide-icons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucide-icons>
- *The mathador package*. LaTeX commands for the French game “Mathador”. 2025-11-12. Version 0.1.1. LICENSE: lppl1.3c,other-free  
URL: <https://ctan.org/pkg/mathador>  
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URL: <https://ctan.org/pkg/monaspace-otf>  
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- *The nodepthtext package*. Change small texts to remove the depth of the letters. 2024-11-25. Version 0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/nodepthtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nodepthtext>
- *The openmoji package*. Use openmoji through  $\LaTeX$  commands. 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c,cc-by-sa-4. This package provides commands like which allow to use through  $\LaTeX$  commands. This relies on images (PDF from SVG), so no fancy unicode-font stuff is needed and it work on every installation.  
URL: <https://ctan.org/pkg/openmoji>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/openmoji>
- *The OutilsGeomTikZ package*. Some geometric tools, with TikZ. 2025-08-05. Version 0.1.7. LICENSE: lppl1.3c. This package provides some commands, with French keys, to display geometric tools using , for example a pen, a compass, a rule, a square, a protractor, ...  
URL: <https://ctan.org/pkg/outilsgeomtikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/outilsgeomtikz>
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URL: <https://ctan.org/pkg/panneauxroute>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/panneauxroute>
- *The PapierGurvan package*. Commands to work with Gurvan Paper. 2024-11-25. Version 0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/papiergurban>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/papiergurban>
- *The pennstander-otf package*. OpenType versions of the pennstander fonts (with math support). 2026-01-06. Version 0.3a. LICENSE: ofl,lppl1.3c. This bundle provides OpenType versions designed by Julius Ross. It is usable with LuaTeX or XeTeX engines only.  
URL: <https://ctan.org/pkg/pennstander-otf>  
MIRROR: <https://mirror.ctan.org/fonts/pennstander-otf>
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pictochrono>
- *The PixelArtTikz package*. Work with PixelArts, with TikZ. 2025-12-07. Version 0.20a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pixelarttikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelarttikz>
  - *The postit package*. A  $\text{\LaTeX}$  package for displaying Post-it notes. 2025-07-30. Version 0.1.5. LICENSE: lppl1.3c. This package provides some commands and options for creating Post-it-like boxes with :  
URL: <https://ctan.org/pkg/postit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postit>
  - *The ProfLycee package*. A  $\text{\LaTeX}$  package for French maths teachers in high school. 2026-01-20. Version 4.00c. LICENSE: lppl1.3c,cc0,mit,cc-by-sa-3  
URL: <https://ctan.org/pkg/proflycee>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
  - *The ProfSio package*. Commands (with TikZ) to work with French “BTS SIO” maths themes. 2025-09-24. Version 0.3.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/profsio>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/profsio>
  - *The pynotebook package*. pynotebook presents (raw, Markdown or Python) codes (and execution with LuaLaTeX) as in a Jupyter Notebook. 2025-06-23. Version 0.1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pynotebook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pynotebook>
  - *The quizztex package*. Create quizzes like in TV shows. 2025-08-05. Version 0.1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/quizztex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quizztex>
  - *The randintlist package*. Creating random integer number lists, with repeating and sorting options. 2025-11-11. Version 0.1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/randintlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randintlist>
  - *The ResolSysteme package*. Work on linear systems using xint or pyluatex. 2024-11-25. Version 0.1.8. LICENSE: lppl1.3c. This package provides some commands (in French) to perform calculations on small (2x2 or 3x3 or 4x4) linear systems, with or :  
URL: <https://ctan.org/pkg/resolsysteme>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resolsysteme>
  - *The Scrabble package*. Commands for Scrabble boards. 2025-12-16. Version 0.20a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrabble>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scrabble>
  - *The sim-os-menus package*. Insert ‘terminal’ or ‘context menu’ or ‘viewers’ like in an OS. 2025-08-05. Version 0.1.9. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sim-os-menus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sim-os-menus>
  - *The SympyCalc package*. Work with SymPy and PyLuaTeX. 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c. This package provides some commands (mostly for French users) to perform commands and format the result with some adjustments in formatting:  
URL: <https://ctan.org/pkg/sympycalc>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/sympycalc>
  - *The tablerIcons package*. Use tablerIcons through  $\text{\LaTeX}$  commands. 2021-09-11. Version 0.1.2. LICENSE: lppl1.3c,mit. This package provides commands like which allow to use through  $\text{\LaTeX}$  commands. This relies on images (PDF from SVG), so no fancy unicode-font stuff is needed and it work on every installation.  
URL: <https://ctan.org/pkg/tablericons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tablericons>
  - *The TangramTikZ package*. Tangram puzzles, with TikZ. 2025-05-05. Version 0.2.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tangramtikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tangramtikz>
  - *The thematicpuzzle package*. Horizontal banners in a puzzle style. 2025-08-05. Version 0.1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/thematicpuzzle>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/thematicpuzzle>
- Pierquet, Cédric. *The tikz-decofonts package*. Simple decoration fonts, made with TikZ, for short texts. 2026-01-17. Version 0.1.7. LICENSE: lppl1.3c,cc-by-sa-4



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- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-decofonts>
- *The tikz-triminos package. Create triminos, made with TikZ.* 2025-02-02. Version 0.1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-triminos>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-triminos>
- *The tikz2d-fr package. Work with some 2D TikZ commands (French).* 2024-11-25. Version 0.1.1. LICENSE: lppl1.3c. This is a small package to work with some () 2D commands for TiZ:  
 URL: <https://ctan.org/pkg/tikz2d-fr>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz2d-fr>
- *The tikz3d-fr package. Work with some 3D figures.* 2025-05-22. Version 0.1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz3d-fr>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz3d-fr>
- *The tikzbrickfigurines package. Draw brick figurines with TikZ.* 2025-08-18. Version 0.1.1. LICENSE: lppl1.3c. A small L<sup>A</sup>T<sub>E</sub>X package to draw (2D) brick-figurines with . The user can modify colors and/or elements.  
 URL: <https://ctan.org/pkg/tikzbrickfigurines>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbrickfigurines>
- *The timeop package. Calculates and displays arithmetic operations with durations.* 2025-05-05. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/timeop>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/timeop>
- *The tkz-bernoulli package. Draw Bernoulli trees with TikZ.* 2024-11-25. Version 0.1.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tkz-bernoulli>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-bernoulli>
- *The tkz-grapheur package. A L<sup>A</sup>T<sub>E</sub>X package with tools for graph plotting (and TikZ).* 2026-01-12. Version 0.2.9. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tkz-grapheur>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-grapheur>
- *The tkz-interval package. Interval brackets made with TikZ.* 2025-11-11. Version 1.0b. LICENSE: lppl1.3c. The idea is to provide a command for representing intervals with brackets created using , with automatic size management and customization of thickness and depth, for examples. It is also possible to specify surrounding spaces, and optional overlap for open brackets.  
 URL: <https://ctan.org/pkg/tkz-interval>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-interval>
- *The TrivialPursuit package. Insert Trivial Pursuit board game.* 2025-08-25. Version 0.1.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/trivialpursuit>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/trivialpursuit>
- *The vectorlogos package. Vectorial logos (GeoGebra, Emacs, Scratch, ...) with ‘inline’ support.* 2024-11-25. Version 0.1.3. LICENSE: lppl1.3c,cc-by-3,cc-by-4,other-free,gpl2  
 URL: <https://ctan.org/pkg/vectorlogos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vectorlogos>
- *The vscodeicons package. Use vscode icons through L<sup>A</sup>T<sub>E</sub>X commands.* 2021-09-11. Version 0.1.0. LICENSE: lppl1.3c,cc-by-sa-4,mit. This package inspired by provides commands to use the icons from the project through L<sup>A</sup>T<sub>E</sub>X commands. This relies on images (PDF from SVG), so no fancy unicode-font stuff is needed and it work on every installation.  
 URL: <https://ctan.org/pkg/vscodeicons>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vscodeicons>
- *The WriteOnGrid package. Write on grid lines.* 2026-01-13. Version 0.1.9. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/writeongrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/writeongrid>
- *The xint-regression package. Classic regressions, with xint.* 2025-11-26. Version 0.1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xint-regression>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xint-regression>
- Pieters, Olivier. *The dynamicnumber package. Dynamically typeset numbers and values in L<sup>A</sup>T<sub>E</sub>X through “symbolic links”.* 2024-10-25. Version 0.1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/dynamicnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
- *The limecv package. A (Xe/Lua)LaTeX document class for curriculum vitæ.* 2025-05-21. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)LaTeX document class to write curriculum vitæ. It is designed with the following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.

- URL: <https://ctan.org/pkg/limecv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/limecv>
- Pietro, Anthony Di. *The uwa-colours package. The colour palette of The University of Western Australia.* 2021-09-14. Version 1.0.0. LICENSE: lpl1.3. This package uses the package to define macros for the colour palette of The University of Western Australia.  
URL: <https://ctan.org/pkg/uwa-colours>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwa-colours>
- *The uwa-letterhead package. The letterhead of the University of Western Australia.* 2025-05-23. Version 1.0.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/uwa-letterhead>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-letterhead>
  - *The uwa-pcf package. A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia.* 2025-05-23. Version 1.0.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/uwa-pcf>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
  - *The uwa-pif package. A Participant Information Form (PIF) for a human research protocol at the University of Western Australia.* 2021-09-29. Version 1.0.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/uwa-pif>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pif>
- Pietsch, Hannes. *The csvtolatex package. Link spread sheets to  $\text{\LaTeX}$ .* 2016-06-24. Version 1.3. LICENSE: gpl3  
URL: <https://ctan.org/pkg/csvtolatex>  
MIRROR: <https://mirror.ctan.org/support/csvtolatex>
- Piff, Mike. *The piff-ams package. Early macros for using AMS fonts.* 2025-12-05. Version 3.16. LICENSE: other-nonfree. This package was created (in its present form) after the advent of  $\text{\LaTeX}2\epsilon$ , but before the corresponding macros from the AMS itself had arrived. Those macros are now part of the standard  $\text{\LaTeX}$  distribution as part of .  
URL: <https://ctan.org/pkg/piff-ams>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/piff-ams>
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- *The pracjourn package*. Typeset articles for PracTeX. 2021-08-26. Version 0.4n. LICENSE: gpl
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- *The vwcol package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lpl1.3. The package provides a crude environment `\vwcol` for typesetting multicolumn paragraph text of various column widths on a single page.
- URL: <https://ctan.org/pkg/vwcol>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abstract>
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URL: <https://ctan.org/pkg/anonchap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonchap>
  - *The appendix package. Extra control of appendices*. 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.  
URL: <https://ctan.org/pkg/appendix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/appendix>
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URL: <https://ctan.org/pkg/bez123>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bez123>
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URL: <https://ctan.org/pkg/booklet>  
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URL: <https://ctan.org/pkg/ccaption>  
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  - *The chngcntr package. Change the resetting of counters*. 2018-04-10. Version 1.1a. LICENSE: lppl. Defines commands (which sets up a counter to be reset when another is incremented) and (which unsets such a relationship).  
URL: <https://ctan.org/pkg/chngcntr>  
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  - *The chngpage package. Change the page layout in the middle of a document*. 2016-06-24. Version 1.2b. LICENSE: lppl1.3. The package provides broadly similar functionality to , with which it is distributed. It is, however, considered obsolete, and should not be used in new documents.  
URL: <https://ctan.org/pkg/chngpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changepage>
- Robertson, Will and Peter R. Wilson. *The combine package. Bundle individual documents into a single document*. 2016-06-24. Version 0.7a. LICENSE: lppl1.3. The combine class lets you bundle individual documents into a single document, such as when preparing a conference proceedings. The auxiliary combinat package puts the titles and authors from commands into the main document’s

Table of Contents. The package cooperates with the and packages.

URL: <https://ctan.org/pkg/combine>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combine>

- *The docmfp package.* Document non-LaTeX code. 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non-LaTeX code, such as Metafont or MetaPost, or other programming languages.

URL: <https://ctan.org/pkg/docmfp>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docmfp>

- *The epigraph package.* A package for typesetting epigraphs. 2020-04-23. Version 1.5e. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/epigraph>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epigraph>

- *The hanging package.* Hanging paragraphs. 2025-11-11. Version 1.2b. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/hanging>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hanging>

- *The hyphenat package.* Disable/enable hyphenation. 2025-11-11. Version 2.3c. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/hyphenat>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>

- *The ifmtarg package.* If-then-else command for processing potentially empty arguments. 2018-04-16. Version 1.2b. LICENSE: lppl

URL: <https://ctan.org/pkg/ifmtarg>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>

- *The layouts package.* Display various elements of a document’s layout. 2016-06-24. Version 2.6d. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/layouts>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layouts>

- *The makecmds package.* The new \makecommand command always (re)defines a command. 2016-06-24. LICENSE: lppl. The package provides a command, which is like except it always (re)defines a command. There is also and for environments.

URL: <https://ctan.org/pkg/makecmds>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>

- *The midpage package.* Environment for vertical centring. 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by .

URL: <https://ctan.org/pkg/midpage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>

- *The newfile package.* User level management of  $\LaTeX$  input and output. 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by  $\TeX$ . The so provided are mapped to various of the  $\LaTeX$  input and output mechanisms. Some facilities of the package are also mapped.

URL: <https://ctan.org/pkg/newfile>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>

- *The nextpage package.* Generalisations of the page advance commands. 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.

URL: <https://ctan.org/pkg/nextpage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>

- *The pagenote package.* Notes at end of document. 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.

URL: <https://ctan.org/pkg/pagenote>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>

- *The romannum package.* Generate roman numerals instead of arabic digits. 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes  $\LaTeX$  generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.

URL: <https://ctan.org/pkg/romannum>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>

- *The stdclsdv package.* Provide sectioning information for package writers. 2025-10-28. Version 1.1a. LICENSE: lppl

URL: <https://ctan.org/pkg/stdclsdv>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>

- Robertson, Will and Peter R. Wilson. *The titling package.* Control over the typesetting of the \maketitle command. 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the , and information permanently available. Multiple titles are allowed in a single document. New titling elements can be added and a titlepage title can be centered on a physical page.



- URL: <https://ctan.org/pkg/titling>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titling>
- *The tocbibind package*. Add bibliography/index/contents to Table of Contents. 2016-06-24. Version 1.5k. LICENSE: lpl
  - URL: <https://ctan.org/pkg/tocbibind>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocbibind>
  - *The tocloft package*. Control table of contents, figures, etc. 2025-07-19. Version 2.3j. LICENSE: lpl1.3c. Provides control over the typography of the Table of Contents, List of Figures and List of Tables, and the ability to create new ‘List of ...’. The ToC may be changed.  
URL: <https://ctan.org/pkg/tocloft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocloft>
  - *The tocvsec2 package*. Section numbering and table of contents control. 2016-06-24. Version 1.3a. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/tocvsec2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
  - *The verse package*. Aids for typesetting simple verse. 2024-02-13. Version 2.4c. LICENSE: lpl  
URL: <https://ctan.org/pkg/verse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verse>
  - *The vertbars package*. Mark vertical rules in margin of text. 2018-12-16. Version 1.0c. LICENSE: lpl1.3c. This package is an extension to , replacing that package’s line numbers with bars to the left or right of the text.  
URL: <https://ctan.org/pkg/vertbars>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vertbars>
  - *The xtab package*. Break tables across pages. 2016-06-24. Version 2.3f. LICENSE: lpl. Xtab is an extended and somewhat improved version of ; its environment provides tables that break across pages.  
URL: <https://ctan.org/pkg/xtab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtab>
- Robertson, Will, Peter R. Wilson, and Harald Harders. *The printlen package*. Print lengths using specified units. 2019-03-12. Version 1.1a. LICENSE: lpl. prints the value of a  $\TeX$  length in the units specified by (‘unit’ may be any  $\TeX$  length unit except for scaled point, viz., any of: , , , , , or ). When the unit is , the printed length value will include any stretch or shrink; otherwise these are not printed. The ‘unit’ argument may also be , in which case length values will be printed in point units but without any stretch or shrink values.  
URL: <https://ctan.org/pkg/printlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/printlen>
- Robson, Adrian P. *The backnaur package*. Typeset Backus Naur Form definitions. 2020-01-11. Version 3.1. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/backnaur>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/backnaur>
- *The flowchart package*. Shapes for drawing flowcharts, using TikZ. 2016-06-24. Version 3.3. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/flowchart>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
  - *The makeshape package*. Declare new PGF shapes. 2016-06-24. Version 2.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/makeshape>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/makeshape>
- Rochester, Wayne A. *The warpcol package*. Relative alignment of rows in numeric columns in tabulars. 2016-06-24. Version 1.0c. LICENSE: lpl. Defines a tabular column type for formatting numerical columns in  $\TeX$ . The column type enables numerical items to be right justified relative to each other, while centred beneath the column label. In addition, macros are provided to enable variations on this column type to be defined. Usage of the package is superficially similar to that of ; however, the alignment scheme is different, and the packages have different, though overlapping, applications.  
URL: <https://ctan.org/pkg/warpcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warpcol>
- Rochford, Peter A. *The navydocs package*. Support for Technical Reports by US Navy Organizations. 2025-11-11. Version 1.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/navydocs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
- Roderick, David. *The binomexp package*. Calculate Pascal’s triangle. 2016-06-24. Version 1.0. LICENSE: lpl  
URL: <https://ctan.org/pkg/binomexp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/binomexp>



- Rødland, Einar Andreas. *The TeXcount package. Count words in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-10-28. Version 3.1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texcount>  
 MIRROR: <https://mirror.ctan.org/support/texcount>
- Rodrigues, Vinícius Barros. *The ecothesis package. LaTeX thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ecothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidean geometry with PSTricks*. 2025-11-11. Version 1.77. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using T<sub>E</sub>X macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.  
 URL: <https://ctan.org/pkg/pst-eucl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/emerald>  
 MIRROR: <https://mirror.ctan.org/fonts/emerald>
- Roegel, Denis B. *The aeguill package. Add several kinds of guillemets to the ae fonts*. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.  
 URL: <https://ctan.org/pkg/aeguill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues’ Easter nomogram*. 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/garrigues>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>
  - *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genealogy>  
 MIRROR: <https://mirror.ctan.org/fonts/genealogy>
  - *The metaobj package. MetaPost package providing high-level objects*. 2016-06-24. Version 0.93. LICENSE: lppl  
 URL: <https://ctan.org/pkg/metaobj>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metaobj>
  - *The pi package. Calculate pi*. 2019-10-01. Version 0.993. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pi>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/pi.tex>
  - *The suanpan package. MetaPost macros for drawing Chinese and Japanese abaci*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/suanpan>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/suanpan>
  - *The threed package. 3D animations*. 2016-06-24. Version 1.34. LICENSE: lppl. Create animations of 3-dimensional objects (such as polyhedra) in .  
 URL: <https://ctan.org/pkg/mp3d>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mp3d>
  - *The truchet package. Truchet tiling in MetaPost*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/truchet>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/truchet>
- Roegel, Denis B. and Andrej Brodnik. *The ipa package. LaTeX macros for using WSUIPA fonts*. 2025-11-11. Version 1.0. LICENSE: noinfo. The package comprises alternative L<sup>A</sup>T<sub>E</sub>X support of the fonts. On CTAN (and in the T<sub>E</sub>X Live distribution), these macros are to be found with the fonts themselves.  
 URL: <https://ctan.org/pkg/ipa>  
 MIRROR: <https://mirror.ctan.org/fonts/wsuiipa>
- Rogalla, Michael. *The REdit package. Menu-based editor*. 2016-06-24. Version 2.10. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/redit>  
 MIRROR: <https://mirror.ctan.org/support/redit>
- Rogard, Erwann. *The ccool package. A key-value document command parser*. 2025-11-11. Version 3.2. LICENSE: lppl1.3c. This package provides a key-value interface, , on top of xparse’s document command parser. Global options control input processing and its expansion. By default, they are set to meet likely requirements, depending on context: the selected language, and which of text and math mode is active. These options can be overridden inline. This versatility could find its use, for example, to encode notational conventions (such as  $\rightarrow$ ) at the point where they are introduced in the document (“Let R denote real numbers”).

Polymorphic commands can be generated by parameterizing the keys (for instance, one parameter value for style, another for a property). User input to can optionally be serialized. This can useful for typesetting documents sharing the same notation.

URL: <https://ctan.org/pkg/ccool>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccool>

Rogard, Erwann. *The clistmap package. Map and iterate over L<sup>A</sup>T<sub>E</sub>X3 clists*. 2025-11-11. Version 1.2. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/clistmap>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clistmap>

— *The erw-13 package. Utilities based on L<sup>A</sup>T<sub>E</sub>X3*. 2025-11-11. Version 4.2. LICENSE: lppl1.3c. Utilities based on L<sup>A</sup>T<sub>E</sub>X3. Highlight: .

URL: <https://ctan.org/pkg/erw-13>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/erw-13>

— *The keyparse package. Key based parser*. 2025-11-11. Version 1.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/keyparse>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyparse>

— *The lambdax package. Use Lambda expression within L<sup>A</sup>T<sub>E</sub>X*. 2021-08-20. Version 1.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/lambdax>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lambdax>

— *The oops package. A framework for making definitions, typically mathematical, inline*. 2025-07-22. Version 1.0. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/oops>

MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/oops>

Rogers, Alan. *The apabst package. Early APA BibTeX style*. 2025-10-29. Version 1.1. LICENSE: other-free. This style has been developed elsewhere, notably as part of a comprehensive supporting typesetting to APA standards.

URL: <https://ctan.org/pkg/apabst>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/apa.bst>

— *The bbs package. Bibliography style for Behavioral and Brain Sciences*. 2025-10-29. Version 1.1. LICENSE: nocommercial. The style is derived from in the , adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.

URL: <https://ctan.org/pkg/bbs>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/bbs.bst>

— *The cbe package. Bibliography style for Council of Biology Editors format*. 2025-10-29. Version 1.1. LICENSE: noinfo

URL: <https://ctan.org/pkg/cbe>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/cbe.bst>

— *The humanbio package. Bibliography style for “Human Biology”*. 2025-10-29. Version 1.1. LICENSE: nocommercial. A style derived from in the bundle, adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.

URL: <https://ctan.org/pkg/humanbio>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/humanbio.bst>

— *The humannat package. Bibliography style for “Human Nature” and “American Anthropologist”*. 2025-10-29. Version 1.03. LICENSE: nocommercial. A style derived from in the distribution, adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.

URL: <https://ctan.org/pkg/humannat>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/humannat.bst>

— *The jtb package. BibTeX style for Journal of Theoretical Biology*. 2025-10-29. LICENSE: other-nonfree

URL: <https://ctan.org/pkg/jtb>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jtb.bst>

— *The PNAS 2009 package. BibTeX style for PNAS (newer version)*. 2025-10-29. Version 1.0. LICENSE: other-free. This style produces bibliographies in the format of “Proceedings of the National Academy of Sciences, USA”. The style was derived from the standard and adapted to the new (2009) formatting rules.

URL: <https://ctan.org/pkg/pnas2009>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/pnas2009.bst>

— *The PNAS package. BibTeX style for PNAS (old version)*. 2025-10-29. Version 1.0. LICENSE: other-free

URL: <https://ctan.org/pkg/pnas>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/pnas.bst>

Rohner, M. *The fig2sty package. Use fig as layout designer for L<sup>A</sup>T<sub>E</sub>X*. 2023-08-23. Version 0.1. LICENSE: other-free

URL: <https://ctan.org/pkg/fig2sty>

Rokicki, Tom and Nelson H. F. Beebe. *The epsf package. Simple macros for EPS inclusion*. 2016-06-24. Version 2.7.4. LICENSE: pd

URL: <https://ctan.org/pkg/epsf>

MIRROR: <https://mirror.ctan.org/macros/generic/epsf>

- Rokicki, Tom and Karl Berry. *The dvipsk package. Convert DVI to PostScript*. 2021-08-26. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvipsk>
- Rokicki, Tom and The TeX Live Team. *The dvips package. A DVI to PostScript driver*. 2021-08-26. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvips>
- *The pkware package. Utility programs for use with PK bitmap fonts*. 2026-01-20. LICENSE: pd  
URL: <https://ctan.org/pkg/pkware>  
MIRROR: <https://mirror.ctan.org/systems/stanford/pkware>
- Rokicki, Tom, Esteban Zimanyi, and The TeX Live Team. *The dvidvi package. Convert one DVI file into another*. 2025-06-29. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvidvi>  
MIRROR: <https://mirror.ctan.org/dviware/dvidvi>
- Rolland, Christian. *The babel-breton package. Babel contributed support for Breton*. 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-breton>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/breton>
- Romanenko, Alex. *The visualtex package. A T<sub>E</sub>X-oriented visual editor for Windows platforms*. 2017-04-18. Version 3.99. LICENSE: gpl  
URL: <https://ctan.org/pkg/visualtex>  
MIRROR: <https://mirror.ctan.org/systems/win32/visualtex>
- Römer, Christine. *The studies-lm package. An interactive L<sup>A</sup>T<sub>E</sub>X course for students*. 2019-06-21. LICENSE: nosource  
URL: <https://ctan.org/pkg/studies-lm>  
MIRROR: <https://mirror.ctan.org/info/german/studies-lm>
- *The translation-biblatex-de package. German translation of the User Guide for BibLaTeX*. 2021-05-28. Version 3.15b. LICENSE: lppl. A German translation of the User Guide for .  
URL: <https://ctan.org/pkg/translation-biblatex-de>  
MIRROR: <https://mirror.ctan.org/info/translations/biblatex/de>
  - *The translation-footmisc-de package. A German translation of the documentation of footmisc*. 2016-06-24. Version 1. LICENSE: lppl. A German translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-footmisc-de>  
MIRROR: <https://mirror.ctan.org/info/translations/footmisc/de>
  - *The translation-pst-jtree-de package. A German translation of the documentation of pst-jtree*. 2016-06-24. Version 1. LICENSE: lppl. The package provides a German translation of the documentation of  
URL: <https://ctan.org/pkg/translation-pst-jtree-de>  
MIRROR: <https://mirror.ctan.org/info/translations/pst-jtree/de>
- Römer, Christine and Ronny Berndt. *The translation-filecontents-de package. German version of filecontents*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
URL: <https://ctan.org/pkg/translation-filecontents-de>  
MIRROR: <https://mirror.ctan.org/info/translations/filecontents/de>
- Römer, Christine and Matthias Biniok. *The translation-moreverb-de package. German version of moreverb*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
URL: <https://ctan.org/pkg/translation-moreverb-de>  
MIRROR: <https://mirror.ctan.org/info/translations/moreverb/de>
- Römer, Christine and Susanne Fischer. *The translation-europecv-de package. German version of europecv*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
URL: <https://ctan.org/pkg/translation-europecv-de>  
MIRROR: <https://mirror.ctan.org/info/translations/europecv/de>
- Römer, Christine and Ilona Gessinger. *The translation-arsclassica-de package. German version of arsclassica*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
URL: <https://ctan.org/pkg/translation-arsclassica-de>  
MIRROR: <https://mirror.ctan.org/info/translations/arsclassica/de>
- Römer, Christine and Sandro Heuke. *The translation-chemsym-de package. German version of chemsym*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
URL: <https://ctan.org/pkg/translation-chemsym-de>  
MIRROR: <https://mirror.ctan.org/info/translations/chemsym/de>
- Römer, Christine and Thomas Manderla. *The booktabs-de package. German version of booktabs*. 2020-08-29. Version 1.61803. LICENSE: gpl. This is a “translation” of the .

- URL: <https://ctan.org/pkg/booktabs-de>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/booktabs-de>
- Römer, Christine and Katrin Vogel. *The translation-ecv-de package. Ecv documentation, in German*. 2016-06-24. LICENSE: lppl. This is a “translation” of the documentation.  
 URL: <https://ctan.org/pkg/translation-ecv-de>  
 MIRROR: <https://mirror.ctan.org/info/translations/ecv/de>
- Romer, Linus. *The bezierplot package. Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost*. 2024-11-02. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bezierplot>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/bezierplot>
- *The fetamont package. Extended version of Knuth’s logo typeface*. 2017-04-15. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fetamont>  
 MIRROR: <https://mirror.ctan.org/fonts/fetamont>
- *The miama package. The Miama Nueva handwriting font with L<sup>A</sup>T<sub>E</sub>X support*. 2025-01-16. Version 1.2. LICENSE: ofl,lppl1.3  
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 MIRROR: <https://mirror.ctan.org/fonts/miama>
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hexboard>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnpara>
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URL: <https://ctan.org/pkg/extdash>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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- Scharrer, Martin. *The adjustbox package. Graphics package-alike macros for “general” boxes*. 2025-02-26. Version 1.3c. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/adjustbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
- *The collcell package. Collect contents of a tabular cell as argument to a macro*. 2025-02-21. Version 0.6. LICENSE: lppl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.  
 URL: <https://ctan.org/pkg/collcell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
  - *The collectbox package. Collect and process macro arguments as boxes*. 2022-10-26. Version 0.4c. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/collectbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
  - *The ctanupload package. Support for users uploading to CTAN*. 2016-06-24. Version 1.2c. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/ctanupload>  
 MIRROR: <https://mirror.ctan.org/support/ctanupload>
  - *The currfile package. Provide file name and path of input files*. 2024-03-15. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/currfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/currfile>
  - *The easyfig package. Simplifying the use of common figures*. 2022-10-26. Version 1.2a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/easyfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
  - *The filehook package. Hooks for input files*. 2022-10-26. Version 0.8b. LICENSE: lppl1.3c. The package provides several file hooks ( , , ...) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .  
 URL: <https://ctan.org/pkg/filehook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filehook>
  - *The filemod package. Provide file modification times, and compare them*. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides macros to read and compare the modification dates of files. The files may be files, images or other files (as long as they can be found by  $\LaTeX$ ). It uses the primitive of pdfLaTeX to find the file modification date as PDF date string, parses the string and returns the value to the user. The package will also work for output with recent versions of the  $\LaTeX$  compiler which uses pdfLaTeX in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.  
 URL: <https://ctan.org/pkg/filemod>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filemod>
- Scharrer, Martin. *The ginc1tex package. Include  $\TeX$  files as graphics (.tex support for \includegraphics)*. 2022-10-26. Version 0.3. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/ginc1tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>



- *The gobble package*. More gobble macros for PlainTeX and L<sup>A</sup>T<sub>E</sub>X. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gobble>  
MIRROR: <https://mirror.ctan.org/macros/generic/gobble>
- *The ifoddpage package*. Determine if the current page is odd or even. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.  
URL: <https://ctan.org/pkg/ifoddpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifoddpage>
- *The lstaddons package*. Add-on packages for listings: autogobble and line background. 2024-08-20. Version 0.2. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:  
URL: <https://ctan.org/pkg/lstaddons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstaddons>
- *The macros2e package*. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros. 2025-11-30. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the L<sup>A</sup>T<sub>E</sub>X2e base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.  
URL: <https://ctan.org/pkg/macros2e>  
MIRROR: <https://mirror.ctan.org/info/macros2e>
- *The multienv package*. Multiple environments using a “key=value” syntax. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.  
URL: <https://ctan.org/pkg/multienv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multienv>
- *The mwe package*. Packages and image files for MWEs. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)TeX document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.  
URL: <https://ctan.org/pkg/mwe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwe>
- *The newverbs package*. Define new versions of \verb, including short verb versions. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/newverbs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newverbs>
- *The rcs-multi package*. Typeset RCS version control in multiple-file documents. 2022-10-26. Version 0.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/rcs-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>
- *The realboxes package*. Variants of common box-commands that read their content as real box and not as macro argument. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realboxes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/realboxes>
- *The standalone package*. Compile T<sub>E</sub>X pictures stand-alone or as part of a document. 2025-02-23. Version 1.5a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
- *The storebox package*. Storing information for reuse. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
- *The sty2dtx package*. Create a .dtx file from a .sty file. 2025-11-11. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>
- Scharrer, Martin. *The svn-multi package*. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents. 2022-10-26. Version 2.4d. LICENSE: lppl  
URL: <https://ctan.org/pkg/svn-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>
- *The svn-prov package*. Subversion variants of \Provides... macros. 2022-10-26. Version 3.1862. LICENSE: lppl. The package introduces Subversion variants of the standard L<sup>A</sup>T<sub>E</sub>X macros , and where the file name and date is extracted from Subversion Id keywords. The file name may also be given explicitly as an optional argument.



- URL: <https://ctan.org/pkg/svn-prov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-prov>
- *The texdef package. Display the definitions of T<sub>E</sub>X commands.* 2025-02-17. Version 1.10. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/texdef>  
 MIRROR: <https://mirror.ctan.org/support/texdef>
  - *The tikz-timing package. Easy generation of timing diagrams as TikZ pictures.* 2022-10-26. Version 0.7f. LICENSE: lppl. This package provides macros and an environment to generate timing diagrams (digital waveforms) without much effort. The package is used to produce the graphics. The diagrams may be inserted into text (paragraphs, , etc.) and into tikzpictures. A tabular-like environment is provided to produce larger timing diagrams.  
 URL: <https://ctan.org/pkg/tikz-timing>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>
  - *The tikzpagenodes package. A single TikZ node for the whole page.* 2022-10-26. Version 1.1. LICENSE: lppl. The package provides special PGF/TikZ nodes for the text, marginpar, footer and header area of the current page. They are inspired by the ‘current page’ node defined by itself.  
 URL: <https://ctan.org/pkg/tikzpagenodes>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>
  - *The ydoc package. Macros for documentation of L<sup>A</sup>T<sub>E</sub>X classes and packages.* 2022-11-01. Version 0.7alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ydoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ydoc>
- Schaum, Charles P. *The nameauth package. Name authority mechanism for consistency in body text and index.* 2025-08-28. Version 4.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
- *The schemata package. Print topical diagrams.* 2025-08-28. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
- Scheidt, Martin. *The tikz-tracksschematic package. A TikZ library for creating track diagrams in railways.* 2022-06-02. Version 0.7.1. LICENSE: isc  
 URL: <https://ctan.org/pkg/tikz-tracksschematic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-tracksschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package. Footnote numbering per page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pagefoots>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package. A free T<sub>E</sub>X distribution for MS-Windows.* 2025-12-31. Version 25.12. LICENSE: other-free  
 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package. A version of MiKTeX to carry around.* 2025-12-31. Version 25.12. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
 URL: <https://ctan.org/pkg/miktex-portable>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-25.12-x64.exe>
- Schenk, Stephan. *The chembst package. A collection of BibT<sub>E</sub>X files for chemistry journals.* 2025-10-29. Version 0.2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chembst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package. Simple consecutive numbering of chemical compounds.* 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.  
 URL: <https://ctan.org/pkg/chemcompounds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcompounds>
- Scherer, Andreas. *The amiweb2c package. An Amiga port of web2C.* 2020-10-29. Version 2.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/amiweb2c>  
 MIRROR: <https://mirror.ctan.org/systems/amiga/amiweb2c>
- *The cwebbin package. CWEB for ANSI-C/C++ compilers.* 2022-01-26. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cwebbin>

- *The knuth-hint package*. HINT collection of typeset C/WEB sources in  $\TeX$  Live. 2025-03-16. Version 2.6. LICENSE: pd,knuth  
URL: <https://ctan.org/pkg/knuth-hint>  
MIRROR: <https://mirror.ctan.org/info/knuth-hint>
- *The knuth-pdf package*. PDF collection of typeset C/WEB sources in  $\TeX$  Live. 2025-03-16. Version 2.6. LICENSE: pd  
URL: <https://ctan.org/pkg/knuth-pdf>  
MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
- *The pwebmac package*. Consolidated WEB macros for DVI and PDF output. 2025-03-16. Version 5.1. LICENSE: pd  
URL: <https://ctan.org/pkg/pwebmac>  
MIRROR: <https://mirror.ctan.org/web/pwebmac>
- Schinke, Carsten. *The gbrief-creator package*. A front end for the gbrief package. 2016-06-24. Version 1.000 beta. LICENSE: nosource.  
A small Windows front end, that creates files for use with the German letter macros.  
URL: <https://ctan.org/pkg/gbrief-creator>  
MIRROR: <https://mirror.ctan.org/support/gbrief-creator>
- Schinko, Yannick. *The lexend package*. The Lexend fonts for Xe $\LaTeX$  and Lua $\LaTeX$  through fontspec. 2021-01-30. Version 1.1.0.70.  
LICENSE: lppl1.3c,ofl  
URL: <https://ctan.org/pkg/lexend>  
MIRROR: <https://mirror.ctan.org/fonts/lexend>
- Schlechte, Wolfgang Andreas. *The newthm package*. Obsolete version of ntheorem. 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/newthm>
- Schleicher, Ralph and Norbert Schwarz. *The dos-dc package*. A distribution of the DC fonts for em $\TeX$ . 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/dos-dc>  
MIRROR: <https://mirror.ctan.org/systems/msdos/dos-dc>
- Schlemmer, Tobias. *The tsem1ines package*. Support for the ancient \emline macro. 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/tsem1ines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsem1ines>
- Schlicht, Robert. *The euroitc package*. LaTeX interface for the ITC euro font symbols. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/euroitc>  
MIRROR: <https://mirror.ctan.org/fonts/euroitc>
- *The microtype package*. Subliminal refinements towards typographical perfection. 2025-07-09. Version 3.2b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/microtype>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/microtype>
- Schlömer, Nico. *The auto1 package*. LaTeX support for Underware Auto 1 fonts. 2018-01-06. Version 0.2. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/auto1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
- *The tex-font-errors-cheatsheet package*. Cheat sheet outlining the most common  $\TeX$  font errors. 2019-02-13. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>  
MIRROR: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
- Schmeing, Michael. *The mversion package*. Keeping track of document versions. 2016-06-24. Version 1.0.1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mversion>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mversion>
- Schmid, Dominik. *The temporal-logic package*. Symbols for Temporal Logics. 2026-01-06. Version 1.1. LICENSE: lppl1.3c. This package defines functions for rendering temporal operators defined in (LTL), (MTL), (MFOTL), and the (CMFTBL). The package defines various functions with variants in order to include or omit optional parameters of the operators like the optional interval.  
URL: <https://ctan.org/pkg/temporal-logic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/temporal-logic>
- Schmid, Hanspeter. *The hpsdiss package*. A dissertation class. 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/hpsdiss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
- Schmid, Hanspeter. *The sfg package*. Draw signal flow graphs. 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).  
URL: <https://ctan.org/pkg/sfg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfg>

- Schmidt, Jan. *The tikz-palattice package. Draw particle accelerator lattices with TikZ*. 2017-03-09. Version 2.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-palattice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
- Schmidt, Walter A. *The epmtfe package. TeX environment for OS/2*. 2016-06-24. Version 5.4. LICENSE: other-free. The EPM T<sub>E</sub>X Front End is an additional module for the OS/2 ‘Enhanced Editor’ (EPM), v6.03, turning the editor into a powerful integrated T<sub>E</sub>X environment that can be used in conjunction with , or another OS/2 T<sub>E</sub>X system.  
 URL: <https://ctan.org/pkg/epmtfe>  
 MIRROR: <https://mirror.ctan.org/systems/os2/epmtfe>
- *The icomma package. Intelligent commas for decimal numbers*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/icomma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The mathppl package. Use PostScript Palatino for typesetting maths*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathppl>
- Schmidt, Walter A., Patrick Gundlach, Marco Daniel, and Oliver Kopp. *The lshort-german package. German version of “A Short Introduction to L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>”: L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>-Kurzbeschreibung*. 2024-03-14. Version 3.0c. LICENSE: opl  
 URL: <https://ctan.org/pkg/lshort-german>  
 MIRROR: <https://mirror.ctan.org/info/lshort/german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting*. 2021-12-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/augie>  
 MIRROR: <https://mirror.ctan.org/fonts/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L<sup>A</sup>T<sub>E</sub>X*. 2022-01-26. LICENSE: lppl. LaTeX font definition files for the Concrete fonts and a L<sup>A</sup>T<sub>E</sub>X package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth’s ).  
 URL: <https://ctan.org/pkg/ccfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
  - *The cmbright package. Computer Modern Bright fonts*. 2023-07-10. Version 8.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmbright>  
 MIRROR: <https://mirror.ctan.org/fonts/cmbright>
  - *The cmsd package. Interfaces to the CM Sans Serif Bold fonts*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmsd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmsd>
  - *The DayRoman package. The Day Roman typeface*. 2021-12-07. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dayroman>  
 MIRROR: <https://mirror.ctan.org/fonts/DayRoman>
  - *The DictSym package. DictSym font and macro package*. 2024-02-05. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dictsym>  
 MIRROR: <https://mirror.ctan.org/fonts/dictsym>
  - *The ecc package. Sources for the European Concrete fonts*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ecc>  
 MIRROR: <https://mirror.ctan.org/fonts/ecc>
  - *The eulervm package. Euler virtual math fonts*. 2025-11-11. Version 4.0. LICENSE: lppl. The well-known Euler fonts are suitable for typesetting mathematics in conjunction with a variety of text fonts which do not provide mathematical character sets of their own. Euler-VM is a set of mathematics fonts based on Euler and CM. This approach has several advantages over immediately using the Euler fonts: Most noticeably, less T<sub>E</sub>X resources are consumed, the quality of various math symbols is improved and a usable symbol can be provided. The virtual fonts are accompanied by a L<sup>A</sup>T<sub>E</sub>X package which makes them easy to use, particularly in conjunction with Type1 PostScript text fonts. They are compatible with . A package option allows the fonts to be loaded at 95% of their nominal size, thus blending better with certain text fonts, e.g., Minion.  
 URL: <https://ctan.org/pkg/eulervm>  
 MIRROR: <https://mirror.ctan.org/fonts/eulervm>
- Schmidt, Walter A. and Keiran Harcombe. *The eurosans package. Interface to Adobe’s sans-serif Euro font*. 2021-12-07. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eurosans>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurosans>

- *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992.* 2025-11-11. Version 0.9.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fixmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>
  - *The gensymb package. Generic symbols for both text and math mode.* 2022-10-17. Version 1.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gensymb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gensymb>
  - *The hvmath package. Support for using the Micropress HV-Math fonts (Helvetica Maths).* 2021-12-07. Version 1.5. LICENSE: lppl. Typeset math in a style that suits the Adobe Helvetica text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
URL: <https://ctan.org/pkg/hvmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
  - *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/lucida>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>
  - *The psnfss-source package. Sources of the metrics used in PSNFSS.* 2021-12-07. Version 9.2. LICENSE: lppl. The package comprises the makefiles, fontinst scripts and AFM files used to build the .  
URL: <https://ctan.org/pkg/psnfss-source>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>
  - *The tmmath package. Support for using the Micropress TM-Math fonts.* 2021-12-07. Version 2.4. LICENSE: lppl. Support for typesetting math in a style that suits the Adobe Times text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
URL: <https://ctan.org/pkg/tmmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>
  - *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/upgreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The urw-garamond package. URW Garamond No8 Adobe Type 1 fonts.* 2021-12-07. LICENSE: nocommercial  
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MIRROR: <https://mirror.ctan.org/fonts/urw/garamond>
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
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 URL: <https://ctan.org/pkg/baskervillef>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervillef>
  - *The bboldx package. Extension of the bbold package with a Blackboard Bold alphabet.* 2022-12-31. Version 1.032. LICENSE: other-free. Extension of to a package with three weights, of which the original is considered as light and the additions as regular and bold.  
 URL: <https://ctan.org/pkg/bboldx>  
 MIRROR: <https://mirror.ctan.org/fonts/bboldx>
  - *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lppl. The bundle provides virtual fonts and E<sub>T</sub><sub>X</sub> support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The



most recent version of offers support for these virtual fonts.

URL: <https://ctan.org/pkg/bickham>

MIRROR: <https://mirror.ctan.org/fonts/bickham>

Sharpe, Michael. *The boondox package. Mathematical alphabets derived from the STIX fonts*. 2017-02-26. Version 1.02d. LICENSE: ofl,lppl.

The package contains a number of PostScript fonts derived from the OpenType fonts that may be used in maths mode in regular and bold weights for calligraphic, fraktur and double-struck alphabets. Virtual fonts with metrics suitable for maths mode are provided, as are  $\LaTeX$  support files.

URL: <https://ctan.org/pkg/boondox>

MIRROR: <https://mirror.ctan.org/fonts/boondox>

— *The cochineal package. Cochineal fonts with  $\LaTeX$  support*. 2024-03-09. Version 1.085. LICENSE: ofl,lppl1.3

URL: <https://ctan.org/pkg/cochineal>

MIRROR: <https://mirror.ctan.org/fonts/cochineal>

— *The DSSerif package. A double-struck serifed font for mathematical use*. 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3

URL: <https://ctan.org/pkg/dsserif>

MIRROR: <https://mirror.ctan.org/fonts/dsserif>

— *The dutchcal package. A reworking of ESSTIX13, adding a bold version*. 2019-05-21. Version 1.0. LICENSE: lppl

URL: <https://ctan.org/pkg/dutchcal>

MIRROR: <https://mirror.ctan.org/fonts/dutchcal>

— *The erewhon package. Font package derived from Heuristica and Utopia*. 2025-06-08. Version 1.123. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.

URL: <https://ctan.org/pkg/erewhon>

MIRROR: <https://mirror.ctan.org/fonts/erewhon>

— *The esstix package. PostScript versions of the ESSTIX, with macro support*. 2016-06-24. Version 1.0. LICENSE: ofl

URL: <https://ctan.org/pkg/esstix>

MIRROR: <https://mirror.ctan.org/fonts/esstix>

— *The ETbb package. An expansion of Edward Tufte’s ET-Bembo family*. 2023-12-12. Version 1.057. LICENSE: mit,lppl1.3

URL: <https://ctan.org/pkg/etbb>

MIRROR: <https://mirror.ctan.org/fonts/etbb>

— *The fbb package. A free Bembo-like font*. 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3

URL: <https://ctan.org/pkg/fbb>

MIRROR: <https://mirror.ctan.org/fonts/fbb>

— *The garamondx package. ‘Expert’-like extensions to URW Garamond, and maths italic*. 2025-01-09. Version 1.22. LICENSE: nosell

URL: <https://ctan.org/pkg/garamondx>

MIRROR: <https://mirror.ctan.org/fonts/garamondx>

— *The gelasiomath package. Math and small cap additions to Gelasio fonts*. 2025-01-07. Version 1.01. LICENSE: ofl,lppl1.3. The package offers math support for the package, using symbols from newtxmath, Roman math letters from Gelasio and Greek math letters based on XCharter Greek. Also added small caps based on XCharter small caps and other minor features to Gelasio.

URL: <https://ctan.org/pkg/gelasiomath>

MIRROR: <https://mirror.ctan.org/fonts/gelasiomath>

— *The heuristica package. Fonts extending Utopia, with  $\LaTeX$  support files*. 2025-10-28. Version 1.093. LICENSE: ofl,lppl

URL: <https://ctan.org/pkg/heuristica>

MIRROR: <https://mirror.ctan.org/fonts/heuristica>

— *The libertinec package. Libertine add-on to support Greek and Cyrillic*. 2017-06-16. Version 1.01. LICENSE: lppl1.3. The package provides  $\LaTeX$  support files to access the Greek and Cyrillic glyphs in LinuxLibertine. It functions as an add-on to the package, using filenames and macro names that are compatible with that package. Supported encodings: LGR, T2A, T2B, T2C, OT2.

URL: <https://ctan.org/pkg/libertinec>

MIRROR: <https://mirror.ctan.org/fonts/libertinec>

— *The LibertinusT1Math package. A Type 1 font and  $\LaTeX$  support for Libertinus Math*. 2024-06-03. Version 2.0.6. LICENSE: ofl,lppl

URL: <https://ctan.org/pkg/libertinust1math>

MIRROR: <https://mirror.ctan.org/fonts/libertinust1math>

— *The mathalpha package. General package for loading maths alphabets in  $\LaTeX$* . 2025-01-18. Version 1.145. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/mathalpha>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>



- Sharpe, Michael. *The minion2newtx package. Enable use of Minion Pro with newtx*. 2024-04-13. Version 2.01. LICENSE: gpl3,lppl. The package is an add-on to the newtxmath package, providing metric files that allow use of the Roman and Greek letters from MinionPro Version 2 within using the ‘minion’ option.  
 URL: <https://ctan.org/pkg/minion2newtx>  
 MIRROR: <https://mirror.ctan.org/fonts/minion2newtx>
- *The montserrat package. Montserrat sans serif, otf and pfb, with L<sup>A</sup>T<sub>E</sub>X support files*. 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/montserrat>  
 MIRROR: <https://mirror.ctan.org/fonts/montserrat>
  - *The newpx package. Alternative uses of the PX fonts, with improved metrics*. 2025-10-30. Version 1.551. LICENSE: lppl,gfl  
 URL: <https://ctan.org/pkg/newpx>  
 MIRROR: <https://mirror.ctan.org/fonts/newpx>
  - *The newtx package. Alternative uses of the TX fonts, with improved metrics*. 2025-01-10. Version 1.756. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/newtx>  
 MIRROR: <https://mirror.ctan.org/fonts/newtx>
  - *The newtxsf package. Sans-math fonts for use with newtx*. 2024-01-25. Version 1.056. LICENSE: ofl,lppl1.3. The package provides a maths support that amounts to modifications of the sans serif Roman and Greek letters with most symbols taken from (which must of course be installed and its map file enabled).  
 URL: <https://ctan.org/pkg/newtxsf>  
 MIRROR: <https://mirror.ctan.org/fonts/newtxsf>
  - *The newtxtt package. Enhancement of typewriter fonts from newtx*. 2024-03-13. Version 1.059. LICENSE: gpl3,lppl  
 URL: <https://ctan.org/pkg/newtxtt>  
 MIRROR: <https://mirror.ctan.org/fonts/newtxtt>
  - *The nimbus15 package. Support files for Nimbus 2015 Core fonts*. 2024-11-18. Version 1.015. LICENSE: other-free,lppl1.3  
 URL: <https://ctan.org/pkg/nimbus15>  
 MIRROR: <https://mirror.ctan.org/fonts/nimbus15>
  - *The notomath package. Math support for Noto fonts*. 2024-06-03. Version 1.031. LICENSE: ofl,lppl1.3. Math support via for Google’s . (Regular and Bold weights only.)  
 URL: <https://ctan.org/pkg/notomath>  
 MIRROR: <https://mirror.ctan.org/fonts/notomath>
  - *The pst-bspline package. Draw cubic Bspline curves and interpolations*. 2016-06-24. Version 1.62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pst-bspline>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
  - *The pst-layout package. Page layout macros based on PSTricks packages*. 2018-09-15. Version .95. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-layout>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
  - *The pstdoc package. A tool for PSTricks documentation*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstdoc>  
 MIRROR: <https://mirror.ctan.org/info/pstdoc>
  - *The ptmsc package. Addon to the newtx package*. 2021-09-11. Version 1.1. LICENSE: lppl1.3. This is an addon to the package that allows the substitution of the commercial Adobe TimesSC fonts for the default upright small caps in .  
 URL: <https://ctan.org/pkg/ptmsc>  
 MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
  - *The ptxalfa package. Virtual maths alphabets based on pxfonts and txfonts*. 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
 URL: <https://ctan.org/pkg/ptxalfa>  
 MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
  - *The rsfso package. A mathematical calligraphic font based on rsfs*. 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
 URL: <https://ctan.org/pkg/rsfso>  
 MIRROR: <https://mirror.ctan.org/fonts/rsfso>
  - *The scanpages package. Support importing and embellishing scanned documents*. 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scanpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>

- Sharpe, Michael. *The ScholaX package. Extension of T<sub>E</sub>XGyreSchola (New Century Schoolbook) with math support*. 2022-02-01. Version 1.033. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scholax>  
 MIRROR: <https://mirror.ctan.org/fonts/scholax>
- *The SticksToo package. A reworking of STIX2*. 2024-09-23. Version 1.036. LICENSE: ofl,lppl1.3. SticksToo is a reworking of the STIX2 fonts with support files focussing on enhancements of support for L<sup>A</sup>T<sub>E</sub>X users wishing to be able to access more of its features. A companion addition to the package (version 1.55) provides a matching math package using STIX2 letters (Roman and Greek) with symbols.  
 URL: <https://ctan.org/pkg/stickstoo>  
 MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
  - *The superiors package. Attach superior figures to a font family*. 2024-01-11. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/superiors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/superiors>
  - *The tempora package. Greek and Cyrillic to accompany Times*. 2016-06-24. Version 1.05. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/tempora>  
 MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUp<sub>rcal</sub> package. Upright calligraphic font based on TX calligraphic*. 2025-11-11. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as upright versions of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
 URL: <https://ctan.org/pkg/txuprcal>  
 MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet*. 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/urwchancal>  
 MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
  - *The XCharter package. Extension of Bitstream Charter fonts*. 2024-06-19. Version 1.26. LICENSE: other-free,lppl1.3  
 URL: <https://ctan.org/pkg/xcharter>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlm<sub>tt</sub> package. Use Latin Modern Typewriter fonts*. 2022-08-08. Version 1.032. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/zlm<sub>tt</sub>>  
 MIRROR: <https://mirror.ctan.org/fonts/zlm<sub>tt</sub>>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package. Array data structures for (La)T<sub>E</sub>X*. 2016-06-24. Version 1.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/arrayjob>  
 MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- *The arrayjobx package. Array data structures for (La)T<sub>E</sub>X*. 2016-06-24. Version 1.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/arrayjobx>  
 MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- Sharpsten, Christian. *The armymemo package. A document class for Army memorandums in accordance with AR 25-50*. 2019-01-28. Version 1.0.0. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/armymemo>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/armymemo>
- Shashkov, Sergey. *The russ package. L<sup>A</sup>T<sub>E</sub>X in Russian, without babel*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/russ>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>
- Shawyer, Bruce. *The fullpict package. Full page pictures*. 2016-06-24. LICENSE: noinfo. The package provides picture-mode environments whose size is related to the size of the page. The fullpict environment takes arguments to specify the dimension of the picture in picture mode ‘unit lengths’; the value for is defined by the fact that the picture is to be 90% of . Similar environments halfpict (half the width of fullpict), and scalepict (a given percentage of the width of fullpict), are also defined.  
 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
- Shell, Michael. *The IEEEtran package. Document class for IEEE Transactions journals and conferences*. 2021-06-24. Version 1.8b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ieeetran>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
- *The ieeetrantools package. Functionality from IEEEtran for use with other classes*. 2021-06-24. Version 1.4. LICENSE: lppl1.3. The package provides several commands from the so that they can be used under other L<sup>A</sup>T<sub>E</sub>X classes; the package should not be used in a document that uses that parent class. The user guide only covers the ways in which usage differs from that in the parent

class; thus the documentation of that class should be regarded as part of the documentation for the package.

URL: <https://ctan.org/pkg/ieeetrantools>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>

Shell, Michael. *The mciteplus package. Enhanced multiple citations*. 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus  $\TeX$  package is an enhanced reimplementation of Thorsten Ohl's package which provides support for the grouping of multiple citations together as is often done in physics journals. An extensive set of features provide for other applications such as reference sublisting.

URL: <https://ctan.org/pkg/mciteplus>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mciteplus>

— *The testflow package. A tool to validate PS/PDF output from  $\TeX$* . 2021-06-24. Version 1.1. LICENSE: lppl

URL: <https://ctan.org/pkg/testflow>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>

Shen, Willie. *The physics-patch package. Improved version of the physics package*. 2025-11-11. Version 3.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/physics-patch>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physics-patch>

Shepherd, James. *The jasthesis package. A 'standard' thesis class*. 2016-06-24. Version 0.5. LICENSE: noinfo

URL: <https://ctan.org/pkg/jasthesis>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jasthesis>

Sherman, Heather. *The envelope package. Print envelopes*. 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/envelope>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/envelope>

Shibakov, Alexander. *The splint package. Write LALR(1) parsers in  $\TeX$  using bison and flex*. 2024-01-31. Version 1.3.0. LICENSE: gpl3+. The bundle provides the means of building parsers and scanners in  $\TeX$ . and are used to create the tables that drive the automata programmed as  $\TeX$  macros.

URL: <https://ctan.org/pkg/splint>

MIRROR: <https://mirror.ctan.org/support/splint>

Shigeru, Miyata. *The xetex-pstricks package. Running PSTricks under XeTeX*. 2018-09-15. LICENSE: pd

URL: <https://ctan.org/pkg/xetex-pstricks>

MIRROR: <https://mirror.ctan.org/graphics/xetex/pstricks>

Shipunov, Alexey. *The altverse package. Typesetting verse*. 2019-10-07. Version 0.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/altverse>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/altverse.sty>

— *The autolist package. More lists*. 2019-10-07. Version 0.4. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/autolist>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/autolist.sty>

— *The biokey package. Flexible identification key tables in  $\TeX$* . 2019-10-07. Version 3.11. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/biokey>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>

— *The biolist package. List observed species*. 2019-10-07. Version 0.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/biolist>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/biolist.sty>

— *The boldline package. Heavier lines in tables*. 2019-10-07. Version 0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/boldline>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/boldline.sty>

— *The cassette-shipunov package. Print labels for audio cassettes*. 2025-12-05. Version 0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/cassette-shipunov>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/cassete.cls>

— *The classif2 package. Biological classification tables*. 2019-10-09. Version 2.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/classif2>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/classif2.sty>

— *The drcaps package. Simple dropped capitals*. 2019-10-07. Version 0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/drcaps>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/drcaps.sty>

— *The shipunov package. A collection of  $\TeX$  packages and classes*. 2019-10-08. Version 1.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/shipunov>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>

- Shipunov, Alexey. *The sltables package. Simplified tables for  $\LaTeX$* . 2019-10-07. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/sltables>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
- *The xecyr package. Using Cyrillic languages in XeTeX*. 2019-10-07. Version 1.2. LICENSE: lppl1.3. Helper tools for using Cyrillic languages with Xe $\LaTeX$  and .  
 URL: <https://ctan.org/pkg/xecyr>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecyr>
- Shizuya, Hakuta. *The lisp-on-tex package. Execute LISP code in a  $\LaTeX$  document*. 2024-12-19. Version 2.1. LICENSE: bsd  
 URL: <https://ctan.org/pkg/lisp-on-tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lisp-on-tex>
- Shoib, Yasir. *The ryersonSGSThesis package. Ryerson School of Graduate Studies thesis template*. 2019-02-26. Version 1.0.3. LICENSE: apache2  
 URL: <https://ctan.org/pkg/ryersonsgstheis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ryersonsgstheis>
- Shoshiashvili, Levan. *The georgian package. Support for typesetting in Georgian*. 2016-06-24. Version 0.9.5. LICENSE: lppl1.3. The bundle provides fonts, and  $\LaTeX$  NFSS support, for typesetting text written in Georgian.  
 URL: <https://ctan.org/pkg/georgian>  
 MIRROR: <https://mirror.ctan.org/language/georgian>
- Shoshiashvili, Levan and Werner Lemberg. *The babel-georgian package. Babel support for Georgian*. 2017-11-21. Version 2.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-georgian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/georgian>
- Shoulson, Mark. *The vispeech package. Using Bell's Visible Speech alphabet*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/vispeech>  
 MIRROR: <https://mirror.ctan.org/language/vispeech>
- Shub, Daniel E. *The biblatex-cv package. Create a CV from BibTeX files*. 2021-06-04. Version 0.01. LICENSE: lppl1.3. This package creates an academic curriculum vitae (CV) from a BibTeX file. The package makes use of BibLaTeX/biber to automatically format, group, and sort the entries on a CV.  
 URL: <https://ctan.org/pkg/biblatex-cv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-cv>
- Shual, Boaz. *The technion-thesis-template package. Template for theses on the Technion graduate school*. 2019-02-04. Version 1.0. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/technion-thesis-template>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/technion-thesis-template>
- Shvaika, Andriy. *The cmpj package. Style for the journal Condensed Matter Physics*. 2021-03-18. Version 3.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmpj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmpj>
- Shvaika, Andriy, Maksym Polyakov, and Dimitri Vulis. *The ukrhyph package. Hyphenation Patterns for Ukrainian*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ukrhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ukrhyph>
- Siddikov, M. *The Orderer package. Order references in a  $\TeX$  file*. 2016-06-24. LICENSE: lppl. Orderer is a small Perl script that will take a  $\TeX$  document and re-order the references in it. This saves the user from building a database.  
 URL: <https://ctan.org/pkg/orderer>  
 MIRROR: <https://mirror.ctan.org/support/orderer>
- Siebenmann, Laurent. *The ascii-cyrillic package. A Latin alphabet representation of Cyrillic*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ascii-cyrillic>  
 MIRROR: <https://mirror.ctan.org/language/ascii-cyrillic>
- *The boxedart4mac package. Import graphics into Macintosh  $\TeX$* . 2016-06-24. LICENSE: noinfo. The package is an (accelerated) alternative to the author's package, for the and Textures distributions only.  
 URL: <https://ctan.org/pkg/boxedart4mac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/boxedart4mac>
  - *The boxedeps package. Incorporate EPS files into  $\TeX$  documents*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/boxedeps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/boxedeps>



- Siebenmann, Laurent. *The BSR2dvi package. Convert a  $\TeX$ tures working file to DVI*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bsr2dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/BSR2dvi>
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URL: <https://ctan.org/pkg/koma-moderncvclassic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-moderncvclassic>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juramisc>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalender>
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URL: <https://ctan.org/pkg/pst-perspective>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-perspective>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pulley>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rputover>
- Söll, Thomas and Herbert Voß. *The pst-geometrictools package. A PSTricks package to draw geometric tools*. 2024-04-15. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pst-geometrictools>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geometrictools>
- *The pst-vehicle package. A PSTricks package for rolling vehicles on graphs of mathematical functions*. 2021-12-29. Version 1.3. LICENSE: lppl1.3c. This package permits to represent vehicles rolling without slipping on mathematical curves. Different types of vehicles are proposed, the shape of the curve is to be defined by its equation “=()” in algebraic notation.  
URL: <https://ctan.org/pkg/pst-vehicle>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-vehicle>
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URL: <https://ctan.org/pkg/obnov>  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kblocks>
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URL: <https://ctan.org/pkg/jlm>  
MIRROR: <https://mirror.ctan.org/support/jed/jlm>
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URL: <https://ctan.org/pkg/templates-sommer>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The caption2 package. Superseded version of the caption package.* 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/caption2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The ltcaption package. Fix some caption problems in longtables.* 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The newfloat package. Define new floating environments.* 2025-11-11. Version 1.2. LICENSE: lppl1.3. The package offers the command `\newfloat`, which the user may use to define new floating environments which behave like the  $\LaTeX$  standard floating environments and `\float`.  
 URL: <https://ctan.org/pkg/newfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfloat>
  - *The rotfloat package. Rotate floats.* 2016-06-24. Version 1.2. LICENSE: lppl. The package provides commands to define new floats of various styles (plain, boxed, ruled, and userdefined ones); the package provides new environments (sidewaysfigure and sidewaystable) which are rotated by 90 or 270 degrees. But what about new rotated floats, e.g. a rotated ruled one? This package makes this possible; it builds a bridge between the two packages and extends the commands from the float package to define rotated versions of the new floats, too.  
 URL: <https://ctan.org/pkg/rotfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
  - *The rplain package. Redefines the plain pagestyle.* 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the  $\LaTeX$  pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://ctan.org/pkg/rplain>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>
  - *The subcaption package. Support for sub-captions.* 2023-10-01. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/subcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The totalcount package. Commands for typesetting total values of counters.* 2023-05-17. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/totalcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totalcount>
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 URL: <https://ctan.org/pkg/ticollege>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ticollege>
- *The tipfr package. Produces calculator's keys with the help of TikZ.* 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tipfr>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tipfr>
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/figchild>
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 URL: <https://ctan.org/pkg/bm2font>  
 MIRROR: <https://mirror.ctan.org/graphics/bm2font>
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 URL: <https://ctan.org/pkg/noprot>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/noprot.sty>
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 URL: <https://ctan.org/pkg/mf2tex>  
 MIRROR: <https://mirror.ctan.org/graphics/mf2tex>

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 URL: <https://ctan.org/pkg/statex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
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 URL: <https://ctan.org/pkg/statex2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex2>
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 URL: <https://ctan.org/pkg/newapa>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/newapa>
- Spiegel, Simon. *The biblatex-fiwi package. BibLaTeX styles for use in German humanities*. 2017-11-21. Version 1.7. LICENSE: lppl1.3. The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard BibLaTeX styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
 URL: <https://ctan.org/pkg/biblatex-fiwi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-fiwi>
- Spiel, Chris. *The synthslant package. Synthetically slant text*. 2025-10-27. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/synthslant>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/synthslant>
- *The typog package. Typographic fine-tuning and micro-typographic enhancements*. 2025-10-27. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/typog>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typog>
- Spina, Sergio. *The plipsum package. 'Lorem ipsum' for Plain TeX developers*. 2016-06-24. Version 4.3. LICENSE: lppl. The package provides a paragraph generator designed for use in Plain TeX documents. The paragraphs generated contain many 'f-groups' (, etc.) so the text can act as a test of the ligatures of the font in use.  
 URL: <https://ctan.org/pkg/plipsum>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plipsum>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bib2xhtml>
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 URL: <https://ctan.org/pkg/utfsym>  
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 URL: <https://ctan.org/pkg/biblatex-publist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-publist>
- *The jslectureplanner package. Creation and management of university course material*. 2025-11-11. Version 1.15. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/jslectureplanner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jslectureplanner>
  - *The univie-ling package. Papers, theses and research proposals in (Applied) Linguistics at Vienna University*. 2024-09-29. Version 2.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/univie-ling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/univie-ling>
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 URL: <https://ctan.org/pkg/covington>  
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- Spivak, Michael. *The LamsTeX package. A merge of the best in AMS-TeX and L<sup>A</sup>T<sub>E</sub>X*. 2018-01-06. Version 2.01. LICENSE: pd  
 URL: <https://ctan.org/pkg/lamstex>  
 MIRROR: <https://mirror.ctan.org/macros/lamstex>

- Spivak, Michael. *The lamstex-index package. Index processor for LamsTeX*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/lamstex-index>  
 MIRROR: <https://mirror.ctan.org/indexing/lamstex-index>
- *The mtp2lite package. Subset of MathTime Pro 2 font set*. 2017-04-18. Version 2 lite. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/mtp2lite>  
 MIRROR: <https://mirror.ctan.org/fonts/mtp2lite>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/zed>
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 URL: <https://ctan.org/pkg/xml2pmx>  
 MIRROR: <https://mirror.ctan.org/support/xml2pmx>
- Spratte, Jonathan P. *The clrstrip package. Place contents into a full width colour strip*. 2021-08-29. LICENSE: lppl1.3c. This lightweight package provides the environment, that places its contents into a full page width colour strip.  
 URL: <https://ctan.org/pkg/clrstrip>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>
- *The ducksay package. Draw ASCII art of animals saying a specified message*. 2025-11-22. Version 2.8. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ducksay>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ducksay>
  - *The duckuments package. Create duckified dummy content*. 2019-10-03. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/duckuments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/duckuments>
  - *The enverb package. Read an environment verbatim*. 2025-11-11. Version 1.1. LICENSE: lppl1.3c. This package allows you to collect the contents of an environment verbatim, and provides that inside the macro . What you then do with that content is up to you. It also allows you to place arbitrary content at the start and end of each line (which doesn't have to be verbatim). The two convenience macros and can be used to typeset the contents and wrap the contents inside another verbatim environment, respectively.  
 URL: <https://ctan.org/pkg/enverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enverb>
  - *The etl package. Expandable token list operations*. 2025-11-11. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/etl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etl>
  - *The expkv package. An expandable key=val implementation*. 2023-01-28. LICENSE: lppl1.3c. As of January 2023, this package has been merged into the .  
 URL: <https://ctan.org/pkg/expkv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *The expkv-bundle package. An expandable key=val implementation and friends*. 2024-12-26. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/expkv-bundle>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *The expkv-cs package. Define expandable key=val macros using expkv*. 2023-01-28. LICENSE: lppl1.3c. As of January 2023, this package has been merged into the .  
 URL: <https://ctan.org/pkg/expkv-cs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *The expkv-def package. A key-defining frontend for expkv*. 2023-01-28. LICENSE: lppl1.3c. As of January 2023, this package has been merged into the .  
 URL: <https://ctan.org/pkg/expkv-def>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *The expkv-opt package. Parse class and package options with expkv*. 2023-01-28. LICENSE: lppl1.3c. As of January 2023, this package has been merged into the .  
 URL: <https://ctan.org/pkg/expkv-opt>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *The grabbox package. Read an argument into a box and execute the code afterwards*. 2022-12-07. Version 1.4. LICENSE: lppl1.3c. The package provides the command , which grabs an argument into a box and executes the code afterwards.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grabbox>
- Spratte, Jonathan P. *The pgfm<sub>ath</sub>-x<sub>fp</sub> package. Define pgfm<sub>ath</sub> functions using x<sub>fp</sub>*. 2025-11-11. Version 1.0a. LICENSE: lppl1.3c  
URL: [https://ctan.org/pkg/pgfm<sub>ath</sub>-x<sub>fp</sub>](https://ctan.org/pkg/pgfm<sub>ath</sub>-x<sub>fp</sub)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/pgfm<sub>ath</sub>-x<sub>fp</sub>](https://mirror.ctan.org/macros/latex/contrib/pgfm<sub>ath</sub>-x<sub>fp</sub)
- *The pxpic package. Draw pixel pictures*. 2023-08-17. Version 1.5. LICENSE: lppl1.3c. With you draw pictures pixel by pixel. It was inspired by a by Paulo Cereda, among other things (most notably a beautiful duck) showcasing the use of characters from the Mario video games by Nintendo in  $\text{\LaTeX}$ .  
URL: <https://ctan.org/pkg/pxpic>  
MIRROR: <https://mirror.ctan.org/graphics/pxpic>
  - *The xistercian package. Cistercian numerals in  $\text{\LaTeX}$* . 2025-11-11. Version 1.3. LICENSE: lppl1.3c. This package allows you to use Cistercian numerals in  $\text{\LaTeX}$ . The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using `\cisternum`. The two main macros are:  
URL: <https://ctan.org/pkg/xistercian>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/xistercian>
- Spreng, Stefan. *The listofsymbols package. Create and manipulate lists of symbols*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/listofsymbols>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listofsymbols>
- Spribille, Tobias. *The adrlist package. Using address lists in  $\text{\LaTeX}$* . 2016-06-24. LICENSE: noinfo. The package provides a read-file command `\readadrlist` and a set of commands for unpicking the address data in the file.  
URL: <https://ctan.org/pkg/adrlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adrlist>
- Springer Verlag. *The springer package. Macros for Springer journals*. 2016-06-24. Version 1.8. LICENSE: noinfo  
URL: <https://ctan.org/pkg/springer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/springer/svjour>
- Srinivasan, K. *The adami package. A DOS system for working with Tamil*. 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/adami>  
MIRROR: <https://mirror.ctan.org/language/indian/adami90.zip>
- Staats, Michale and Denis Endisch. *The untex package. Strip (La)TeX commands from source file*. 2016-06-24. Version 1.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/untex>  
MIRROR: <https://mirror.ctan.org/support/untex>
- Stacey, Andrew. *The braids package. Draw braid diagrams with PGF/TikZ*. 2025-11-11. Version 2.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/braids>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/braids>
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URL: <https://ctan.org/pkg/celtic>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>
  - *The hobby package. An implementation of Hobby’s algorithm for PGF/TikZ*. 2025-11-11. Version 1.12. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hobby>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hobby>
  - *The penrose package. A TikZ library for producing Penrose tilings*. 2025-11-11. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/penrose>  
MIRROR: <https://mirror.ctan.org/obsolete/graphics/pgf/contrib/penrose>
  - *The pgfmorepages package. Assemble multiple logical pages onto a physical page*. 2020-04-16. Version 1.20. LICENSE: lppl1.3c. This package replaces and extends the pgfpages sub-package of the `pgf`. It provides the capability to arrange multiple “logical” pages on multiple “physical” pages, for example as for arranging pages to make booklets.  
URL: <https://ctan.org/pkg/pgfmorepages>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgfmorepages>
  - *The rulercompass package. A TikZ library for straight-edge and compass diagrams*. 2016-06-24. Version 1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/rulercompass>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/rulercompass>
  - *The spath3 package. Manipulate “soft paths” in PGF*. 2025-11-11. Version 2.8. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/spath3>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/spath3>

- *The tikzmark package*. Use TikZ’s method of remembering a position on a page. 2022-10-26. Version 1.15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzmark>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmark>
- Stacey, Andrew. *The tilings package*. A TikZ library for drawing tiles and tilings. 2025-11-11. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tilings>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tilings>
- *The tqft package*. Drawing TQFT diagrams with TikZ/PGF. 2024-06-01. Version 2.3. LICENSE: lppl1.3. The package defines some node shapes useful for drawing TQFT diagrams with . That is, it defines highly customisable shapes that look like cobordisms between circles, such as those used in TQFT and other mathematical diagrams.  
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MIRROR: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
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 URL: <https://ctan.org/pkg/aeb-pro>  
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  - *The aeb-mobile package. Format PDF files for use on a smartphone.* 2021-09-11. Version 1.4. LICENSE: lppl  
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 URL: [https://ctan.org/pkg/aeb\\_dad](https://ctan.org/pkg/aeb_dad)  
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 URL: <https://ctan.org/pkg/aebvelope>  
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 URL: <https://ctan.org/pkg/cntdwn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>
- *The conv-xkv package. Create new key-value syntax.* 2017-03-20. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/conv-xkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
- *The datepicker-pro package. Create a popup datepicker using SWF.* 2021-09-11. Version 1.4. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/datepicker-pro>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>
- *The digicap-pro package. Creates captions to digital photos.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/digicap-pro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>
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 URL: <https://ctan.org/pkg/docassembly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
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 URL: <https://ctan.org/pkg/dps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>
- *The ecards package. Electronic flash cards.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/ecards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
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 URL: <https://ctan.org/pkg/eforms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The endnotes-hy package. Patches the endnotes package to create hypertext links to the correct anchors.* 2020-04-16. LICENSE: lppl1.2.  
 The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
 URL: <https://ctan.org/pkg/endnotes-hy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
- *The eq-fetchbb1 package. Match Biblical passages with verse references in a quiz.* 2021-09-11. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eq-fetchbb1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-fetchbb1>
- *The eq-pin2corr package. Add PIN security to the “Correct” button of a quiz created by exerquiz.* 2021-06-05. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/eq-pin2corr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>
- *The eq-save package. Save exerquiz quizzes and resume.* 2021-09-11. LICENSE: lppl1.2. The package has a scheme for saving data from documents so the student can return later to continue with quiz results restored.  
 URL: <https://ctan.org/pkg/eq-save>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-save>
- *The eq2db package. Convert a quiz to one submitted to a server-side script.* 2021-09-11. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eq2db>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq2db>
- *The eqexam package. A stand-alone exam package.* 2021-09-11. LICENSE: lppl1.2. eqExam is a  $\LaTeX$  package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
 URL: <https://ctan.org/pkg/eqexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqexam>
- *The exerquiz package. Environments for defining exercises and quizzes.* 2021-10-13. Version 8.8.5. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/exerquiz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>



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 URL: <https://ctan.org/pkg/fc-arith>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)
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 LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/fetchbibpes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>
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 URL: <https://ctan.org/pkg/fitr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitr>
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 URL: <https://ctan.org/pkg/fldigial>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
- *The forms16be package*. Initialize form properties using big-endian encoding. 2019-06-03. Version 1.3. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/forms16be>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
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 URL: <https://ctan.org/pkg/graphicxbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
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 URL: <https://ctan.org/pkg/graphicxsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
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 URL: <https://ctan.org/pkg/icon-appr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>
- *The insdljs package*. Insert document-level JavaScript in  $\LaTeX$  documents. 2021-06-19. Version 2.5.5. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/insdljs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The jj-game package*. A  $\LaTeX$  class to construct Jeopardy-like games. 2021-09-11. Version 3.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jj-game>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)
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 URL: <https://ctan.org/pkg/lmacs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
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 URL: <https://ctan.org/pkg/ltx4yt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
- *The mi-solns package*. Extract solutions from exercises and quizzes. 2019-01-12. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mi-solns>  
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 URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
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URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
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URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
- *The renditions package. Multiple versions from the same content.* 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
URL: <https://ctan.org/pkg/renditions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
- *The richtext package. Create rich text strings.* 2021-09-11. LICENSE: lppl1.2. The richtext package is used to create rich text strings that can, in turn, be inserted into the RV (and V) keys of text field. Currently, only the eforms package supports the RV key.  
URL: <https://ctan.org/pkg/richtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmannot>
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URL: <https://ctan.org/pkg/robot-man>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>
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URL: <https://ctan.org/pkg/xbmks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
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MIRROR: <https://mirror.ctan.org/graphics/tktexcad>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
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URL: <https://ctan.org/pkg/callouts>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/didec>
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 URL: <https://ctan.org/pkg/mercatormap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mercatormap>
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 URL: <https://ctan.org/pkg/sanitize-umlaut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sanitize-umlaut>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcolorbox>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The achicago package. Chicago Manual citations in  $\LaTeX$* . 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/achicago>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The achicago-bst package. Chicago Manual BibTeX style*. 2025-10-29. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/achicago-bst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The al latex package. Abstract  $\LaTeX$* . 2024-01-30. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/al latex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/al latex/al latex-1.0>
  - *The attrib package. Attribution of block quotations in  $\LaTeX$* . 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/attrib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The bits package. Sub-document environments in  $\LaTeX$* . 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
  - *The blkcntrl package. Block-element hooks in  $\LaTeX$* . 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/blkcntrl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The compsci package. Document (LaTeX) programming with  $\LaTeX$* . 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/compsci>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/dialogue>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/drama>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
  - *The frankenbundle package. Develop and distribute  $\LaTeX$  packages and classes and BibTeX styles*. 2016-06-24. Version 1.10. LICENSE: pd  
 URL: <https://ctan.org/pkg/frankenbundle>  
 MIRROR: <https://mirror.ctan.org/support/frankenbundle>
  - *The frankenstein package. A collection of  $\LaTeX$  packages*. 2016-06-24. LICENSE: collection. Frankenstein is a bundle of  $\LaTeX$  packages serving various purposes and a BibTeX bibliography style. Descriptions are given under the individual packages: , , , , , , , , , ,  
 URL: <https://ctan.org/pkg/frankenstein>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The frankenstein-unsupported package. Unsupported packages from the Frankenstein bundle*. 2020-03-09. LICENSE: collection. These packages were part of the original release of the bundle (under the name “monster”). The collection comprises:  
 URL: <https://ctan.org/pkg/frankenstein-unsupported>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
  - *The includex package. Extended \include*. 2016-06-24. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/includex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>



- *The lips package. Text ellipses in  $\LaTeX$ .* 2016-06-24. Version 2.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- Swift, Matt. *The monster package. Obsolete name for Frankenstein.* 2016-06-24. LICENSE: gpl. This is an (obsolete) 8+3-compliant name for the bundle.  
 URL: <https://ctan.org/pkg/monster>
- *The moredefs package. LaTeX defining, expansion, and debugging commands.* 2016-06-24. Version 1.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/moredefs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The newclude package. Reimplemented \include system for  $\LaTeX$ .* 2016-06-24. Version 2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/newclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The slemp package. Slanted emphasis in  $\LaTeX$ .* 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/slemp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The swiftex package. Edit doc.sty and normal  $\LaTeX$  files with GNU Emacs.* 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting  $\LaTeX$  code that uses the package, including the document class. DocTeX mode was designed to be significantly more useful than the alternatives provided by standard Emacs and (AUC  $\TeX$  has since caught up in this regard). Swift $\TeX$  mode is for editing buffers containing normal  $\LaTeX$  files and provides an alternative to the  $\LaTeX$  modes in the standard Emacs distribution and in .  
 URL: <https://ctan.org/pkg/swiftex>  
 MIRROR: <https://mirror.ctan.org/support/emacs-modes/swiftex>
- *The titles package. Titles of books, articles, etc. in  $\LaTeX$ .* 2016-06-24. Version 1.2. LICENSE: gpl. A  $\LaTeX$  package defining macros that typeset the titles of books, journals, etc. and handle following spacing and punctuation intelligently, based on context. Useful for bibliographic databases and any document. Also includes other markup like , , , etc.  
 URL: <https://ctan.org/pkg/titles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- Swift, Matt and Donald Arseneau. *The relsize package. Set the font size relative to the current font size.* 2016-06-24. Version 4.1. LICENSE: pd. The basic command of the package is `\relsize{s}`, whose argument is a number of s to change size; from this are defined commands `\smaller{s}`, `\larger{s}`, etc.  
 URL: <https://ctan.org/pkg/relsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relsize>
- Sydoriak, Steve. *The laletter package. Los Alamos letter style.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/laletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/laletter>
- *The lamemo package. Memo style as used at Los Alamos.* 2021-08-26. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lamemo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/lamemo>
- Syrjänen, Tommi. *The Aboensis package. A late medieval OpenType cursive font.* 2022-04-06. LICENSE: ofl,lppl1.3c,cc-by-4,pd  
 URL: <https://ctan.org/pkg/aboensis>  
 MIRROR: <https://mirror.ctan.org/fonts/aboensis>
- *The foliono package. Use folio numbers to replace page numbers.* 2024-10-25. Version 1.000. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/foliono>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foliono>
- *The missaali package. A late medieval OpenType textura font.* 2021-12-10. Version 2.0. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/missaali>  
 MIRROR: <https://mirror.ctan.org/fonts/missaali>
- Syropoulos, Apostolos. *The asana-math package. A font to typeset maths in Xe(La)TeX and Lua(La)TeX.* 2025-11-19. Version 000.962. LICENSE: ofl  
 URL: <https://ctan.org/pkg/asana-math>  
 MIRROR: <https://mirror.ctan.org/fonts/Asana-Math>
- *The bib-greek package. A BibTeX style for Greek documents.* 2025-10-29. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bib-greek>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>

- *The epiolmec package. Typesetting the Epi-Olmec Language.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/epiolmec>  
 MIRROR: <https://mirror.ctan.org/language/epiolmec>
- Syropoulos, Apostolos. *The frederika2016 package. An OpenType Greek calligraphy font.* 2025-11-11. Version 1.000 2016 initial release.  
 LICENSE: ofl  
 URL: <https://ctan.org/pkg/frederika2016>  
 MIRROR: <https://mirror.ctan.org/fonts/frederika2016>
- *The greek-makeindex package. Makeindex working with Greek.* 2016-06-24. Version 2.0. LICENSE: other-free. is resolutely stuck with Latin-based alphabets, so will not deal with Greek indexes, unaided. This package provides a Perl script that will transmute the index of a Greek document in such a way that makeindex will sort the entries according to the rules of the Greek alphabet.  
 URL: <https://ctan.org/pkg/greek-makeindex>  
 MIRROR: <https://mirror.ctan.org/language/greek/mkgrkindex>
- *The grnumalt package. Ancient Greek (Athenian) numbers.* 2019-06-21. Version 1.1. LICENSE: other-nonfree. The package implements a numbering system that was used in ancient Athens, producing the ‘Athenian’ numeral for any positive number. The package’s command can (in principle) be used to provide alternative typeset display of the value of counters.  
 URL: <https://ctan.org/pkg/grnumalt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grnumalt>
- *The grtimes package. Typeset Greek text with Times New Roman Greek.* 2019-06-21. Version 1.0. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/grtimes>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
- *The grverb package. Typesetting Greek verbatim.* 2019-06-21. Version 1.0. LICENSE: other-nonfree. The package provides verbatim typesetting, in the context of the Greek option in . The package uses the public domain font, and the font itself (in Type 1 format), metrics and a font map entry for its use are provided.  
 URL: <https://ctan.org/pkg/grverb>  
 MIRROR: <https://mirror.ctan.org/language/greek/grverb>
- *The hellas package. Typeset bibliographies which include Greek.* 2025-10-29. LICENSE: other-free. Hellas is a BibTeX style, based on the standard plain style, for typesetting databases that containing both Greek and non-Greek bibliographic records. For most bibliographic record types there is an equivalent record type whose name begins with the prefix . These records may have fields and in addition to the fields one might expect in a standard BibTeX record.  
 URL: <https://ctan.org/pkg/hellas>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
- *The linearA package. Linear A script fonts.* 2022-04-29. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linearA>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/linearA>
- *The mf2pt3 package. Create Adobe Type 3 fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mf2pt3>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>
- *The multibbl package. Multiple bibliographies.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/multibbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
- *The ocherokee package. LaTeX Support for the Cherokee language.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ocherokee>  
 MIRROR: <https://mirror.ctan.org/language/ Cherokee/ocherokee>
- *The oinuit package. LaTeX Support for the Inuktitut Language.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oinuit>  
 MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
- *The phaistos package. Disk of Phaistos font.* 2022-12-14. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phaistos>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>
- *The staves package. Typeset Icelandic staves and runic letters.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/staves>  
 MIRROR: <https://mirror.ctan.org/language/staves>
- *The svrsymbols package. A font with symbols for use in physics texts.* 2019-02-12. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/svrsymbols>  
 MIRROR: <https://mirror.ctan.org/fonts/svrsymbols>

- *The umtypewriter package. Fonts to typeset with the xgreek package.* 2022-09-18. Version 1.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/umtypewriter>  
MIRROR: <https://mirror.ctan.org/fonts/umtypewriter>
- *The xexchangebar package. An extension of package changebar that can be used with Xe<sub>Λ</sub>TeX.* 2019-11-14. Version 1.0. LICENSE: lppl1.3. The package extends package so it can be used with Xe<sub>Λ</sub>TeX. It introduces the new option for use with Xe<sub>Λ</sub>TeX. Everything else remains the same and users should consult the original documentation for usage information.  
URL: <https://ctan.org/pkg/xexchangebar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
- Syropoulos, Apostolos. *The xecyrmongolian package. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe|Lua)LaTeX.* 2024-10-25. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xecyrmongolian>  
MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
- *The xesoul package. Use the soul package with Xe<sub>Λ</sub>TeX.* 2025-11-11. Version 1.0. LICENSE: lppl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with Xe<sub>Λ</sub>TeX.  
URL: <https://ctan.org/pkg/xesoul>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
- *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/xetex-greek>  
MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
- *The xgreek package. Greek Language Support for Xe<sub>Λ</sub>TeX and LuaLaTeX.* 2025-01-28. Version 3.5.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xgreek>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>
- Syropoulos, Apostolos and Jens Elstner. *The xespotcolor package. Spot colours support for Xe<sub>Λ</sub>TeX.* 2021-03-06. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xespotcolor>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package. Greek encoding support for inputenc.* 2023-03-21. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/greek-inputenc>  
MIRROR: <https://mirror.ctan.org/language/greek/greek-inputenc>
- Syropoulos, Apostolos and Ioannis Gamvetas. *The philokalia package. A font to typeset the Philokalia Books.* 2018-01-06. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/philokalia>  
MIRROR: <https://mirror.ctan.org/fonts/philokalia>
- Syropoulos, Apostolos and Philip Kime. *The biber-solaris package. Biber binaries for Solaris.* 2025-10-28. Version 2.18. LICENSE: artistic2  
URL: <https://ctan.org/pkg/biber-solaris>  
MIRROR: <https://mirror.ctan.org/biblio/biber/biber-solaris>
- Syropoulos, Apostolos, Javier Bezos López, Johannes L. Braams, and Günter Milde. *The babel-greek package. Babel support for the Greek language and script.* 2023-10-13. Version 1.15. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-greek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/greek>
- Syropoulos, Apostolos and Dick Nickalls. *The ascii-font package. Use the ASCII “font” in  $\TeX$ .* 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/ascii-font>  
MIRROR: <https://mirror.ctan.org/fonts/ascii>
- *The decimal package. LaTeX package for the English raised decimal point.* 2016-06-24. LICENSE: lppl1  
URL: <https://ctan.org/pkg/decimal>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decimal>
- *The mathspic package. A Perl filter program for use with PiCTeX.* 2016-06-24. Version 1.13. LICENSE: lppl  
URL: <https://ctan.org/pkg/mathspic>  
MIRROR: <https://mirror.ctan.org/graphics/mathspic>
- Syropoulos, Apostolos and Yannis Potamianos. *The elmath package. Mathematics in Greek texts.* 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/elmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elmath>
- Szabó, Péter. *The a2ping package. Advanced PS, PDF, EPS converter.* 2019-11-28. Version 2.84p. LICENSE: gpl. a2ping is a Perl script command line utility written for Unix that converts many raster image and vector graphics formats to EPS or PDF and other

page description formats. Accepted input file formats are: PS (PostScript), EPS, PDF, PNG, JPEG, TIFF, PNM, BMP, GIF, LBM, XPM, PCX, TGA. Accepted output formats are: EPS, PCL5, PDF, PDF1, PBM, PGM, PPM, PS, markedEPS, markedPS, PNG, XWD, BMP, TIFF, JPEG, GIF, XPM. a2ping delegates the low-level work to Ghostscript (GS), pdftops and . a2ping fixes many glitches during the EPS to EPS conversion, so its output is often more compatible and better embeddable than its input.

URL: <https://ctan.org/pkg/a2ping>

MIRROR: <https://mirror.ctan.org/graphics/a2ping>

Szabó, Péter. *The anyfontsize package. Select any font size in  $\TeX$* . 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/anyfontsize>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anyfontsize>

— *The examplep package. Verbatim phrases and listings in  $\TeX$* . 2020-05-09. Version 0.04. LICENSE: gpl

URL: <https://ctan.org/pkg/examplep>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examplep>

— *The graphicp package. An enhanced version of graphics*. 2016-06-24. Version 0.12. LICENSE: noinfo

URL: <https://ctan.org/pkg/graphicp>

MIRROR: <https://mirror.ctan.org/macros/latex/exptl/graphicp>

— *The latex-uni8 package. Universal inputenc, fontenc, and babel for pdfLaTeX and LuaLaTeX*. 2019-01-20. Version 0.03. LICENSE: lppl. This package provides a  $\TeX$  style file which makes it easy to use input encoding (UTF-8 by default, can be changed), (optional), (T1 if is not used), (English language by default), hyphenation, underline (with ), default text and math fonts (Computer Modern or Times), and paper sizes correctly with both pdfLaTeX and LuaLaTeX.

URL: <https://ctan.org/pkg/latex-uni8>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latex-uni8>

— *The sam2p package. Convert bitmap formats to compact PS/PDF*. 2021-09-15. Version 0.49.4. LICENSE: gpl

URL: <https://ctan.org/pkg/sam2p>

MIRROR: <https://mirror.ctan.org/graphics/sam2p>

— *The tt2001 package. Type 1 EC fonts generated by  $\TeX$ trace*. 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/tt2001>

MIRROR: <https://mirror.ctan.org/fonts/ps-type1/tt2001>

Szabó, Péter and Tibor Tómacs. *The babel-hungarian package. Babel support for Hungarian*. 2025-05-02. Version 1.5d. LICENSE: lppl,gpl. The package provides a language definition file that enables support of Hungarian with .

URL: <https://ctan.org/pkg/babel-hungarian>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hungarian>

Tahsiri, Amir Mohammad. *The BibBreeze package. A referencing package for automatically reconstructing bibliography data*. 2025-11-11. Version 1.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/bibbreeze>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/bibbreeze>

Takato, Setsuo. *The ketcindy package. Creating graphics for  $\TeX$  using Cinderella*. 2021-03-10. Version 20191225.0. LICENSE: gpl3+

URL: <https://ctan.org/pkg/ketcindy>

MIRROR: <https://mirror.ctan.org/graphics/ketcindy>

Takeda, Shiro. *The econ-bst package. BibTeX style for economics papers*. 2025-11-21. Version 3.3. LICENSE: lppl1.3c. This is a BibTeX style file for papers in economics. It provides the following features:

URL: <https://ctan.org/pkg/econ-bst>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>

Talbot, Nicola. *The bib2gls package. Command line application to convert .bib files to glossaries-extra.sty resource files*. 2025-11-13. Version 4.7. LICENSE: gpl3+

URL: <https://ctan.org/pkg/bib2gls>

MIRROR: <https://mirror.ctan.org/support/bib2gls>

— *The csvtools package. Reading data from CSV files*. 2016-06-24. Version 1.24. LICENSE: lppl

URL: <https://ctan.org/pkg/csvtools>

MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>

— *The datatool package. Tools to load and manipulate data*. 2025-12-04. Version 3.4.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/datatool>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>

— *The datatool-english package. English language support for datatool.sty v3.0+*. 2019-09-27. Version 1.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/datatool-english>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool-english>



- *The datatool-regions package. Region (numeric) support for datatool v3.0+.* 2019-09-27. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datatool-regions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool-regions>
- Talbot, Nicola. *The datatooltk package. A Java GUI for preparing datatool input.* 2018-07-06. Version 1.9. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/datatooltk>  
 MIRROR: <https://mirror.ctan.org/support/datatooltk>
- *The datetime package. Change format of \today with commands for current time.* 2016-06-24. Version 2.60. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
- *The datetime2 package. Formats for dates, times and time zones.* 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
- *The datetime2-bahasai package. Bahasai language module for the datetime2 package.* 2018-01-10. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bahasai>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasai>
- *The datetime2-breton package. Breton language module for the datetime2 package.* 2019-11-05. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-breton>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>
- *The datetime2-bulgarian package. Bulgarian language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bulgarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>
- *The datetime2-catalan package. Catalan language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-catalan>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>
- *The datetime2-czech package. Czech language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>
- *The datetime2-danish package. Danish language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>
- *The datetime2-dutch package. Dutch language module for the datetime2 package.* 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
- *The datetime2-en-fulltext package. English Full Text styles for the datetime2 package.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
- *The datetime2-english package. English language module for the datetime2 package.* 2019-10-21. Version 1.05. LICENSE: lppl1.3.  
 This module provides the following styles that can be set using provided by . The region not only determines the date/time format but also the time zone abbreviations if the zone mapping setting is on.  
 URL: <https://ctan.org/pkg/datetime2-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>
- *The datetime2-esperanto package. Esperanto language module for the datetime2 package.* 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-esperanto>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-esperanto>
- *The datetime2-estonian package. Estonian language module for the datetime2 package.* 2018-04-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-estonian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-estonian>
- *The datetime2-galician package. Galician language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-galician>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-galician>
- *The datetime2-greek package. Greek language module for the datetime2 package.* 2018-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-greek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-greek>
- *The datetime2-hebrew package. Hebrew language module for the datetime2 package.* 2018-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-hebrew>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-hebrew>



- *The datetime2-icelandic package. Icelandic language module for the datetime2 package.* 2022-12-06. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-icelandic>
- Talbot, Nicola. *The datetime2-irish package. Irish Gaelic Language Module for the datetime2 Package.* 2018-04-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
- *The datetime2-latin package. Latin language module for the datetime2 package.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-latin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-latin>
- *The datetime2-lsorbian package. Lower Sorbian language module for the datetime2 package.* 2018-05-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-lsorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-lsorbian>
- *The datetime2-magyar package. Magyar language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-magyar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-magyar>
- *The datetime2-norsk package. Norsk language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
- *The datetime2-polish package. Polish language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>
- *The datetime2-portuges package. Portuguese language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>
- *The datetime2-russian package. Russian language module for the datetime2 package.* 2018-12-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-russian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-russian>
- *The datetime2-samin package. Northern Sami language module for the datetime2 package.* 2018-12-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-samin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-samin>
- *The datetime2-scottish package. Scottish Gaelic Language Module for the datetime2 Package.* 2019-09-14. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-scottish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-scottish>
- *The datetime2-slovak package. Slovak language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>
- *The datetime2-slovene package. Slovene language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-slovene>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovene>
- *The datetime2-spanish package. Spanish language module for the datetime2 package.* 2017-11-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>
- *The datetime2-swedish package. Swedish language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-swedish>
- *The datetime2-turkish package. Turkish language module for the datetime2 package.* 2019-10-10. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-turkish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-turkish>
- *The datetime2-usorbian package. Upper Sorbian language module for the datetime2 package.* 2019-10-10. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-usorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-usorbian>

- *The datetime2-welsh package.* Welsh language module for the datetime2 package. 2019-10-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-welsh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>
- Talbot, Nicola. *The dickimaw package.* Books and tutorials from the “Dickimaw  $\TeX$  Series”. 2017-04-18. LICENSE: fdl  
 URL: <https://ctan.org/pkg/dickimaw>  
 MIRROR: <https://mirror.ctan.org/info/dickimaw>
- *The doipubmed package.* Special commands for use in bibliographies. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides the commands , and . These commands are primarily designed for use in bibliographies. A  $\TeX$ 2HTML style file is also provided.  
 URL: <https://ctan.org/pkg/doipubmed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
- *The flowfram package.* Create text frames for posters, brochures or magazines. 2025-11-24. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flowfram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
- *The FlowframTk package.* Vector graphics application with support for flowfram.sty. 2019-07-18. Version 0.8.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/flowframtk>  
 MIRROR: <https://mirror.ctan.org/graphics/flowframtk>
- *The glossaries package.* Create glossaries and lists of acronyms. 2025-11-09. Version 4.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/glossaries>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
- *The glossaries-accsupp package.* Accessibility support for glossaries. 2020-02-15. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/glossaries-accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
- *The glossaries-danish package.* Danish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Danish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-danish>
- *The glossaries-dutch package.* Dutch language module for glossaries package. 2016-06-24. Version 1.1. LICENSE: lppl1.3. Dutch language module for package.  
 URL: <https://ctan.org/pkg/glossaries-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-dutch>
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 URL: <https://ctan.org/pkg/glossaries-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
- *The glossaries-extra package.* An extension to the glossaries package. 2025-11-04. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/glossaries-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
- *The glossaries-german package.* German language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. German language module for the package.  
 URL: <https://ctan.org/pkg/glossaries-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
- *The glossaries-irish package.* Irish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Irish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-irish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>
- *The glossaries-italian package.* Italian language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Italian language module for package.  
 URL: <https://ctan.org/pkg/glossaries-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
- *The glossaries-magyar package.* Magyar language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Magyar language module for package.  
 URL: <https://ctan.org/pkg/glossaries-magyar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-magyar>
- *The glossaries-polish package.* Polish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Polish language module for the package.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>
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URL: <https://ctan.org/pkg/glossaries-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
- *The glossaries-serbian package. Serbian language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Serbian language module for package.  
URL: <https://ctan.org/pkg/glossaries-serbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>
  - *The glossaries-spanish package. Spanish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Spanish language module for package.  
URL: <https://ctan.org/pkg/glossaries-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
  - *The glossary package. Create a glossary*. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X*. 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript's setting, which is analogous to Acrobat Distiller's "Prepress Optimized" setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
  - *The jmlr package. Class files for the Journal of Machine Learning Research*. 2022-02-09. Version 1.30. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
  - *The MakeGlossariesGUI package. Java GUI alternative to makeglossaries script*. 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don't want to use the command prompt but can't get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
  - *The mfirstuc package. Uppercase the first letter of a word*. 2025-04-03. Version 2.09. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and , which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn't be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mfirstuc>
  - *The nlctdoc package. Package documentation class*. 2025-11-24. Version 1.16. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nlctdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
  - *The pressrelease package. A class for typesetting press releases*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pressrelease>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>
  - *The probsoln package. Generate problem sheets and their solution sheets*. 2017-07-10. Version 3.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/probsoln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/probsoln>
  - *The quotmark package. Consistent quote marks*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/quotmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quotmark>
  - *The testidx package. Dummy text for testing index styles and indexing applications*. 2019-09-29. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/testidx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testidx>
  - *The tex-locale package. Localisation support for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X documents*. 2018-08-28. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tex-locale>  
MIRROR: <https://mirror.ctan.org/macros/generic/tex-locale>

- *The texosquery package. Cross-platform Java application to query OS information.* 2020-02-04. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/texosquery>  
 MIRROR: <https://mirror.ctan.org/support/texosquery>
- Talbot, Nicola. *The tracklang package. Language and dialect tracker.* 2025-03-11. Version 1.6.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tracklang>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tracklang>
- *The venndiagram package. Creating Venn diagrams with TikZ.* 2018-06-07. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/venndiagram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/venndiagram>
- *The xfor package. A reimplementation of the  $\text{\TeX}$  for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the  $\text{\TeX}$  internal macro so that the loop may be prematurely terminated. The action is akin to the C/Java statement, except that the loop does not terminate until the end of the current iteration  
 URL: <https://ctan.org/pkg/xfor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfor>
- Talbot, Nicola and Vincent Belaïche. *The makedtx package. Perl script to help generate dtx and ins files.* 2018-02-21. Version 1.2. LICENSE: lppl. The makedtx bundle is provided to help  $\text{\TeX}$ 2e developers to write the code and documentation in separate files, and then combine them into a single file for distribution. It automatically generates the character table, and also writes the associated installation () script.  
 URL: <https://ctan.org/pkg/makedtx>  
 MIRROR: <https://mirror.ctan.org/support/makedtx>
- Talbot, Nicola, Vincent Belaïche, and Erik Nijenhuis. *The fmtcount package. Display the value of a  $\text{\TeX}$  counter in a variety of formats.* 2025-12-02. Version 3.12. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fmtcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fmtcount>
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 URL: <https://ctan.org/pkg/glossaries-french>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-french>
- Talbot, Nicola and Claudio Duchi. *The datetime2-italian package. Italian language module for the datetime2 package.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. This module provides the “italian” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-italian>
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 URL: <https://ctan.org/pkg/datetime2-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-german>
- Talbot, Nicola and Zunbeltz Izaola. *The datetime2-basque package. Basque language module for the datetime2 package.* 2018-03-21. Version 1.2a. LICENSE: lppl1.3. This module provides the “basque” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-basque>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-basque>
- Talbot, Nicola and Ivan Kokan. *The datetime2-croatian package. Croatian language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3. This module provides the “croatian” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-croatian>
- Talbot, Nicola and Paul A. Patience. *The datetime2-french package. French language module for the datetime2 package.* 2020-09-21. Version 1.03. LICENSE: lppl1.3. This module provides the “french” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-french>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-french>
- *The datetime2-romanian package. Romanian language module for the datetime2 package.* 2020-09-21. Version 1.02. LICENSE: lppl1.3. This module provides the “romanian” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-romanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>
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 URL: <https://ctan.org/pkg/datetime2-ukrainian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>



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 URL: <https://ctan.org/pkg/datetime2-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-serbian>
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 URL: <https://ctan.org/pkg/bibleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref>
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 URL: <https://ctan.org/pkg/sysuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/sysuthesis>
- Tanaka, Takuji. *The convbkmk package. Correct platex/uplatex bookmarks in PDF created with hyperref.* 2018-11-25. Version 0.30. LICENSE: mit. The package provides a small script that corrects bookmarks in PDF files created by /, using .  
 URL: <https://ctan.org/pkg/convbkmk>  
 MIRROR: <https://mirror.ctan.org/support/convbkmk>
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 MIRROR: <https://mirror.ctan.org/indexing/upmendex>
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 URL: <https://ctan.org/pkg/japanese-otf-uptex>  
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 URL: <https://ctan.org/pkg/figsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/figsize>
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 URL: <https://ctan.org/pkg/envelope-letter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/envelope-letter>
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 URL: <https://ctan.org/pkg/bropd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bropd>
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 URL: <https://ctan.org/pkg/lkproof>  
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- URL: <https://ctan.org/pkg/cmfrak>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/cmfrak>
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URL: <https://ctan.org/pkg/ec-plain>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/ec-plain>
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MIRROR: <https://mirror.ctan.org/language/hyphen-accent>
  - *The musictex package. Typesetting music with T<sub>E</sub>X*. 2025-05-21. Version 5.20. LICENSE: noinfo. MusicTeX is a set of macros, that first demonstrated the technique of simultaneous two-dimensional typesetting as applied to music. MusicTeX has its shortcomings (notably in the area of slurs), and is now largely superseded by .  
URL: <https://ctan.org/pkg/musictex>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/musictex>
  - *The smallcap package. Promote small caps to a font family, so NFSS can deal with different shapes*. 2016-06-24. LICENSE: noinfo. A set of files that uses the fonts available in version 1.3 of the DC fonts to provide support for all 4 shapes of small caps. SC becomes a family, rather than a shape ( is replaced by ). Thus you can write to get small caps bold slanted.  
URL: <https://ctan.org/pkg/smallcap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smallcap>
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URL: <https://ctan.org/pkg/bubblesort>  
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- *The csvmerge package. Merge T<sub>E</sub>X code with csv data*. 2019-08-14. Version 1.0. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/qed>  
MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor/QED.sty>
  - *The taylor package. Macros for category-theoretic diagrams*. 2016-06-24. Version 3.93. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/taylor>  
MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/taylor>
- Taylor, Philip. *The cropmarks-pt package. Philip Taylor’s cropmarks macros*. 2016-06-24. Version 1.4. LICENSE: other-free. The package permits the user to specify cropmarks in terms of a number of dimension variables. The marks themselves are applied in a subverted command.  
URL: <https://ctan.org/pkg/cropmarks-pt>  
MIRROR: [https://mirror.ctan.org/macros/generic/misc/CropMarks\\_pt.tex](https://mirror.ctan.org/macros/generic/misc/CropMarks_pt.tex)
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URL: <https://ctan.org/pkg/cropmrks>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>
  - *The letterspacing package. Letter spacing*. 2020-04-11. LICENSE: knuth  
URL: <https://ctan.org/pkg/letterspacing>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>
  - *The path package. Typeset paths, making them breakable*. 2016-06-24. Version 3.05. LICENSE: other-free. Defines a macro , similar to the L<sub>A</sub>T<sub>E</sub>X , that sets the text in typewriter font and allows hyphen-less breaks at punctuation characters. The set of characters to be regarded as punctuation may be changed from the package’s default.  
URL: <https://ctan.org/pkg/path>  
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 URL: <https://ctan.org/pkg/verbatim-gen>  
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 URL: <https://ctan.org/pkg/ftc-notebook>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letterswitharrows>
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 MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
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 URL: <https://ctan.org/pkg/autoalign>  
 MIRROR: <https://mirror.ctan.org/macros/generic/autoalign>
  - *The chemfig package. Draw molecules with easy syntax.* 2025-10-30. Version 1.71. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/chemfig>  
 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
  - *The dijkstra package. Dijkstra algorithm for  $\LaTeX$ .* 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
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 URL: <https://ctan.org/pkg/hlist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/hlist>
  - *The listofitems package. Grab items in lists using user-specified sep char.* 2024-03-10. Version 1.65. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/generic/listofitems>
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 URL: <https://ctan.org/pkg/scratch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/scratch>
  - *The scratch3 package. Draw programs like “scratch”.* 2022-02-06. Version 0.19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scratch3>  
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 URL: <https://ctan.org/pkg/simplekv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
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 URL: <https://ctan.org/pkg/spreadtab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spreadtab>
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 MIRROR: <https://mirror.ctan.org/macros/generic/systeme>
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 URL: <https://ctan.org/pkg/tabularcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularcalc>
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 URL: <https://ctan.org/pkg/tuple>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/xstring>
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 URL: <https://ctan.org/pkg/acanthis>  
 MIRROR: <https://mirror.ctan.org/fonts/acanthis>
- *The alegreya package. Alegreya fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2025-05-21. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/alegreya>  
 MIRROR: <https://mirror.ctan.org/fonts/alegreya>
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 URL: <https://ctan.org/pkg/almendra>  
 MIRROR: <https://mirror.ctan.org/fonts/almendra>
  - *The atkinson package. Support for the Atkinson Hyperlegible family of fonts*. 2026-01-17. LICENSE: lppl,other-free  
 URL: <https://ctan.org/pkg/atkinson>  
 MIRROR: <https://mirror.ctan.org/fonts/atkinson>
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 URL: <https://ctan.org/pkg/autosp>  
 MIRROR: <https://mirror.ctan.org/support/autosp>
  - *The biolinum-type1 package. (pdf)LaTeX support for the Biolinum family of fonts*. 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biolinum-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/biolinum-type1>
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 URL: <https://ctan.org/pkg/bitter>  
 MIRROR: <https://mirror.ctan.org/fonts/bitter>
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 URL: <https://ctan.org/pkg/cabin>  
 MIRROR: <https://mirror.ctan.org/fonts/cabin>
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 URL: <https://ctan.org/pkg/caladea>  
 MIRROR: <https://mirror.ctan.org/fonts/caladea>
  - *The carlito package. Support for Carlito sans-serif fonts*. 2025-11-06. LICENSE: ofl  
 URL: <https://ctan.org/pkg/carlito>  
 MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The cinzel package. LaTeX support for Cinzel and Cinzel Decorative fonts*. 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package's L<sup>A</sup>T<sub>E</sub>X support.  
 URL: <https://ctan.org/pkg/cinzel>  
 MIRROR: <https://mirror.ctan.org/fonts/cinzel>
  - *The classico package. URW Classico fonts*. 2025-08-03. LICENSE: other-free,nocommercial,lppl  
 URL: <https://ctan.org/pkg/classico>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
  - *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2025-03-27. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/clearsans>  
 MIRROR: <https://mirror.ctan.org/fonts/clearsans>
  - *The coelacanth package. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/coelacanth>  
 MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
  - *The cooperhewitt package. LaTeX, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Cooper Hewitt family of sans serif fonts*. 2024-10-25. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cooperhewitt>  
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 MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>

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 URL: <https://ctan.org/pkg/crimson>  
 MIRROR: <https://mirror.ctan.org/fonts/crimson>
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 URL: <https://ctan.org/pkg/crimsonpro>  
 MIRROR: <https://mirror.ctan.org/fonts/crimsonpro>
  - *The ebgaramond package. LaTeX support for EBGaramond fonts*. 2024-04-23. LICENSE: ofl,lppl  
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  - *The figbas package. Mini-fonts for figured-bass notation in music*. 2016-06-24. Version 1.0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/figbas>  
 MIRROR: <https://mirror.ctan.org/fonts/figbas>
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 URL: <https://ctan.org/pkg/fira>  
 MIRROR: <https://mirror.ctan.org/fonts/fira>
  - *The forum package. Forum fonts with  $\text{\LaTeX}$  support*. 2022-09-30. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/forum>  
 MIRROR: <https://mirror.ctan.org/fonts/forum>
  - *The gandhi package. Gandhi Serif and Sans fonts, with  $\text{\LaTeX}$  support*. 2025-01-08. LICENSE: nosell,lppl  
 URL: <https://ctan.org/pkg/gandhi>  
 MIRROR: <https://mirror.ctan.org/fonts/gandhi>
  - *The gelasio package. LaTeX support for the Gelasio family of fonts*. 2024-04-23. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/gelasio>  
 MIRROR: <https://mirror.ctan.org/fonts/gelasio>
  - *The gillius package. Gillius fonts with  $\text{\LaTeX}$  support*. 2022-10-30. LICENSE: gpl2+,lppl  
 URL: <https://ctan.org/pkg/gillius>  
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  - *The gofonts package. GoSans and GoMono fonts with  $\text{\LaTeX}$  support*. 2022-09-12. LICENSE: other-free,lppl  
 URL: <https://ctan.org/pkg/gofonts>  
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  - *The ibarra package. LaTeX support for the Ibarra Real Nova family of fonts*. 2024-04-24. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/ibarra>  
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  - *The imfellEnglish package. IM Fell English fonts with  $\text{\LaTeX}$  support*. 2022-10-01. LICENSE: ofl  
 URL: <https://ctan.org/pkg/imfellenglish>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellenglish>
  - *The imfellflowers package. IM Fell Flower OpenType fonts*. 2024-07-25. LICENSE: nosell  
 URL: <https://ctan.org/pkg/imfellflowers>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
  - *The josefin package. Josefin fonts with  $\text{\LaTeX}$  support*. 2022-10-01. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/josefin>  
 MIRROR: <https://mirror.ctan.org/fonts/josefin>
  - *The libertine package. Use of Linux Libertine and Biolinum fonts with  $\text{\LaTeX}$* . 2024-12-04. Version 5.3.0. LICENSE: gpl,ofl,lppl  
 URL: <https://ctan.org/pkg/libertine>  
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  - *The libertine-type1 package. (pdf)LaTeX support for the Libertine family of fonts*. 2016-06-24. Version 5.3.0. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
  - *The libertinus-type1 package. Support for using Libertinus fonts with  $\text{\LaTeX}$ /pdfLaTeX*. 2025-11-18. LICENSE: gpl2,ofl,lppl  
 URL: <https://ctan.org/pkg/libertinus-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>
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 URL: <https://ctan.org/pkg/librecaslon>  
 MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
  - *The librefranklin package. LaTeX support for the Libre-Franklin family of fonts*. 2022-09-19. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/librefranklin>  
 MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
  - *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-28. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/linguisticspro>  
 MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
  - *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-09-19. LICENSE: ofl,lppl  
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The TeX4ht Team and Eitan M. Gurari. *The protex package. Literate programming package*. 2018-01-06. LICENSE: lppl. ProTeX is a simple but powerful literate programming tool, which is designed to generate useful hypertext output (either PDF, or HTML using ).

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 URL: <https://ctan.org/pkg/alphanumb>  
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- Thorne, James, Aaron Feickert, and Jonathan Totushek. *The ndsu-thesis package*. North Dakota State University disquisition class. 2018-02-14. LICENSE: lpl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/formula>
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URL: <https://ctan.org/pkg/latexdiff>  
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- Tinnefeld, Karsten. *The bophook package*. Provides an At-Begin-Page hook. 2016-06-24. Version 0.02. LICENSE: lpl. Using the hook, you can add material in the background of a page. can be used to give page makeup commands to be executed on every page (e.g., depending on the page style).  
URL: <https://ctan.org/pkg/bophook>  
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- URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/authoryear-icomp-tt>
- *The idxlayout package. Configurable index layout, responsive to KOMA-Script and memoir*. 2016-06-24. Version 0.4d. LICENSE: lpl. The idxlayout package offers a key-value interface to configure index layout parameters, e.g. allowing for three-column indexes or for “parent” items and their affiliated subitems being typeset as a single paragraph. The package is responsive to the index-related options and commands of the and classes.
- URL: <https://ctan.org/pkg/idxlayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/idxlayout>
- *The quoting package. Consolidated environment for displayed text*. 2016-06-24. Version 0.1c. LICENSE: lpl1.3. As an alternative to the  $\LaTeX$  standard environments and , the package provides a consolidated environment for displayed text. First-line indentation may be activated by adding a blank line before the quoting environment. A key-value interface (using ) allows the user to configure font properties and spacing and to control orphans within and after the environment.
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- URL: <https://ctan.org/pkg/dtl>  
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- *The dvgt package. Previewer for use on graphic and character-cell terminals*. 2016-06-24. Version 3.51. LICENSE: pd
- URL: <https://ctan.org/pkg/dvgt>  
MIRROR: <https://mirror.ctan.org/dviware/dvgt>
- *The fig2eng package. Convert fig files to English*. 2016-06-24. Version 0.4. LICENSE: noinfo
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- URL: <https://ctan.org/pkg/fig2mfpic>  
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MIRROR: <https://mirror.ctan.org/info/metafont/beginners>
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- Toby, B. H. *The fortran package. Print Fortran programs*. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/fortran>  
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- *The listing-pln package. Almost-verbatim list programs*. 2016-06-24. LICENSE: noinfo. This is a development (using the facilities of the bundle) of the author’s package.
- URL: <https://ctan.org/pkg/listing-pln>  
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- Tolksdorf, Robert. *The prelim package. Mark preliminary copies with a line of information*. 2016-06-24. LICENSE: gpl
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 URL: <https://ctan.org/pkg/babel-lithuanian>  
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  - *The flushend package. Balancing columns at last page*. 2025-10-26. Version 4.3. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
  - *The lithuanian package. Lithuanian language support*. 2023-03-07. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lithuanian>  
 MIRROR: <https://mirror.ctan.org/language/lithuanian>
  - *The marginal package. Extensions to \marginpar handling*. 2016-06-29. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/marginal>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/marginal>
  - *The midfloat package. Mixing onecolumn and twocolumn modes at any place of page*. 2021-10-11. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/midfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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- Tómacs, Tibor. *The bookcover package. A class for book covers and dust jackets*. 2026-01-11. Version 3.9. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/bookcover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bookcover>
- *The fgruler package. Draw rulers on the foreground or in the text*. 2026-01-11. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fgruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fgruler>
  - *The huaz package. Automatic definite articles for Hungarian*. 2026-01-12. Version 2.4. LICENSE: lppl1.3. In Hungarian there are two definite articles, “a” and “az”, which are determined by the pronunciation of the subsequent word. The definite article is “az”, if the first phoneme of the pronounced word is a vowel, otherwise it is “a”. The package helps the user to insert automatically the correct definite article for cross-references and other commands containing text.  
 URL: <https://ctan.org/pkg/huaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huaz>
  - *The hulipsum package. Hungarian dummy text (Lórum ipse)*. 2026-01-09. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hulipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hulipsum>
  - *The numspell package. Spelling cardinal and ordinal numbers*. 2026-01-08. Version 1.8. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/numspell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numspell>
- Tómacs, Tibor. *The thesis-ekf package. Thesis class for Eszterházy Károly Catholic University*. 2026-01-11. Version 5.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/thesis-ekf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thesis-ekf>
- Tomonaga, Shin-Ichiro and Hideki Yukawa. *The ptp tex package. Macros for ‘Progress of Theoretical Physics’*. 2016-06-24. Version 0.91. LICENSE: lppl



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 URL: <https://ctan.org/pkg/topletter>  
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- Toshio, Oshima, Yoshiki Otake, Kazunori Asayama, and Takuji Tanaka. *The dviout package. TeX previewer and printer driver for MS-Windows*. 2023-03-20. Version 3.19.0. LICENSE: other-free. The program supports a variety of printing mechanisms (including PDF output via ), and can use most extant font formats (including the long-outdated  $\TeX$  PXL format). The program will use output from Omega as well as from  $\TeX$ , and understands a wide variety of commands.  
 URL: <https://ctan.org/pkg/dviout>  
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- Trajanovski, Stojan. *The babel-macedonian package. Babel module to support Macedonian Cyrillic*. 2016-06-24. LICENSE: lppl1.3. The package provides support for Macedonian documents written in Cyrillic, in .  
 URL: <https://ctan.org/pkg/babel-macedonian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/macedonian>
- Tran, Tony. *The vietnet package. Preprocessor and macros for Vietnamese*. 2016-06-24. LICENSE: noinfo. VNTeX is a preprocessor (written in C) that translates Vietnamese text, written according to a specific set of rules, into  $\TeX$ . VNTeX takes an file and creates a corresponding file, together with a file of supporting macros.  
 URL: <https://ctan.org/pkg/vietnet>  
 MIRROR: <https://mirror.ctan.org/language/vietnamese/vietnet>
- Trautmann, Arno L. *The chickenize package. Use lua callbacks for “interesting” textual effects*. 2021-01-03. Version 0.3. LICENSE: lppl1.3. The package allows manipulations of any LuaTeX document (it is known to work with Plain LuaTeX and LuaLaTeX). Most of the package’s functions are merely for fun or educational use, but some functions (for example, for visualising the badness and font expansion of each line, and doing what its name says) could be useful in a “normal” LuaTeX document.  
 URL: <https://ctan.org/pkg/chickenize>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chickenize>
- *The placeat package. Absolute content positioning*. 2017-08-26. Version 0.1d1. LICENSE: lppl1.3. The package provides commands so that the user of LuaLaTeX may position arbitrary content at any position specified by absolute coordinates on the page. The package draws a grid on each page of the document, to aid positioning (the grid may be disabled, for ‘final copy’ using the command ).  
 URL: <https://ctan.org/pkg/placeat>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/placeat>
- *The tex-overview package. An overview of the development of  $\TeX$* . 2016-06-24. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tex-overview>  
 MIRROR: <https://mirror.ctan.org/info/tex-overview>
- Trettin, Mark and Gonzalo Medina Arellano. *The 12tabu-spanish package. Spanish translation of “Obsolete packages and commands”*. 2025-07-20. Version 1.1. LICENSE: pd. A Spanish translation of the practical guide to  $\LaTeX$ 2e by Mark Trettin. A list of obsolete packages, commands and usages.  
 URL: <https://ctan.org/pkg/12tabu-spanish>  
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 MIRROR: <https://mirror.ctan.org/info/asymptote-faq-zh-cn>



- Unknown. *The asymptote-manual-zh-cn package. A Chinese translation of the asymptote manual.* 2018-10-09. LICENSE: lgpl. This is an (incomplete, simplified) Chinese translation of the manual.  
 URL: <https://ctan.org/pkg/asymptote-manual-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/asymptote-manual-zh-cn>
- *The automagic package. Automagic numbering in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/automagic>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/automagic.tex>
  - *The autotoc package. Table of contents in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/autotoc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/autotoc.tex>
  - *The awami package. A collection of Awami Nastaliq fonts.* 2025-12-27. Version 3.400. LICENSE: ofl  
 URL: <https://ctan.org/pkg/awami>  
 MIRROR: <https://mirror.ctan.org/fonts/awami>
  - *The balanced package. Balance double-column sections in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. Defines a twocolumns environment that can be used anywhere in a one-column document. The environment may start and finish mid-page, and columns are always balanced. Inserts are not supported (so no or floats).  
 URL: <https://ctan.org/pkg/balanced>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/balanced.sty>
  - *The baum package. Trees, using PicT<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. The package draws trees, using . There is no documentation, but the distribution contains an example file that makes usage fairly clear.  
 URL: <https://ctan.org/pkg/baum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/baum>
  - *The beamertheme-rainbow package. A beamer colour theme which alternates theme colours on every frame.* 2024-11-15. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/beamertheme-rainbow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-rainbow>
  - *The beamertheme-spectrum package. A clean beamer/ltx-talk theme with a big title graphic.* 2025-11-10. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/beamertheme-spectrum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-spectrum>
  - *The beamertheme-tcolorbox package. A beamer/ltx-talk inner theme to reproduce standard beamer blocks using tcolorboxes.* 2026-01-16. Version 1.4. LICENSE: lppl1.3c. This package provides an inner theme for or which reproduces standard beamer blocks using es. The look and feel (rounded/sharp corners, shadows and colours) will automatically adapt to which other themes are loaded.  
 URL: <https://ctan.org/pkg/beamertheme-tcolorbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-tcolorbox>
  - *The bitstrea package. Support for use of Bitstream fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bitstrea>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/bitstrea>
  - *The blackletter package. A blackletter font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/blackletter>  
 MIRROR: <https://mirror.ctan.org/fonts/blackletter>
  - *The bmstu-*iu8* package. A class for IU8 reports.* 2025-09-21. Version 1.9. LICENSE: mit  
 URL: [https://ctan.org/pkg/bmstu-\*iu8\*](https://ctan.org/pkg/bmstu-<i>iu8</i)  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/bmstu-\*iu8\*](https://mirror.ctan.org/macros/latex/contrib/bmstu-<i>iu8</i)
  - *The book-examples package. A collection of examples from published T<sub>E</sub>X-related books.* 2024-01-31. LICENSE: collection  
 URL: <https://ctan.org/pkg/book-examples>
  - *The boxit package. Draw a box around a text.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/boxit>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/boxit.tex>
  - *The calcfac package. Calculates the value of an expression containing fractions.* 2023-11-05. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calcfac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/calcfac>
  - *The cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2025-11-11. Version 1.0. LICENSE: lppl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
 URL: <https://ctan.org/pkg/cdcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>

- Unknown. *The chhaya package. Linguistic glossing in Marathi language*. 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/chhaya>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
- *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting*. 2024-12-13. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.  
 URL: <https://ctan.org/pkg/chinese-jfm>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>
  - *The chuushaku package. Flexible book notes in Japanese*. 2025-01-04. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/chuushaku>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chuushaku>
  - *The cistercian package. Display cistercian numerals*. 2025-11-11. Version 0.6. LICENSE: lppl1.3c. A -based package to display cistercian numerals. After loading the package, the macro can be used to display cistercian numerals. The numerals can be customised via options.  
 URL: <https://ctan.org/pkg/cistercian>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/cistercian>
  - *The cmastro package. Font for planetary symbols*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmastro>  
 MIRROR: <https://mirror.ctan.org/fonts/cmastro>
  - *The committee-font package. A font designed by a committee*. 2016-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/committee-font>  
 MIRROR: <https://mirror.ctan.org/fonts/unsupported/committee>
  - *The convert-jpfonts package. Convert half-width Japanese to full-width beautifully*. 2025-02-02. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/convert-jpfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/convert-jpfonts>
  - *The csname-doc package. A list of plain.tex cs names*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/csname-doc>  
 MIRROR: <https://mirror.ctan.org/info/plain-doc/csname.txt>
  - *The czhyph package. Hyphenation patterns for Czech*. 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/czhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>
  - *The datestamp package. Fixed date-stamps with LuaLaTeX*. 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/datestamp>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
  - *The deflist package. A variation on the description environment*. 2016-06-24. LICENSE: noinfo. The command evnironment takes an argument, whose width is taken as the maximum width of labels in a -like environment  
 URL: <https://ctan.org/pkg/deflist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>
  - *The defstring package. Define macros as verbatim macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/defstring>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
  - *The devanagari-omega package. Typeset Devanagari with Omega*. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/devanagari-omega>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/omega>
  - *The dmhgener package. Equation, figure (etc.) numbering and referencing*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dmhgener>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>
  - *The doublecol package. Double-column page macros for Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth's macros (separately ), by an unknown hand.  
 URL: <https://ctan.org/pkg/doublecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>
  - *The dow package. Calculate day of week from a numeric date*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dow>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/dow.tex>

- Unknown. *The drawmgr package. Macros for centralized management of graphics scripts.* 2025-11-11. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/drawmgr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmgr>
- *The dviconcat package. Concatenates DVI files.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dviconcat>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook/Dviconcat>
  - *The dvips-shell package. A dvips Shell for MS-Windows32.* 2016-06-24. LICENSE: nosource. The shell apparently helps you remember what you have forgotten about features.  
 URL: <https://ctan.org/pkg/dvips-shell>  
 MIRROR: <https://mirror.ctan.org/systems/win32/util/dvpsh103.exe>
  - *The eczar package. A font family supporting Devanagari and Latin script.* 2021-04-28. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/eczar>  
 MIRROR: <https://mirror.ctan.org/fonts/eczar>
  - *The EkType-Tanka package. Devanagari fonts by EkType.* 2024-01-10. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ektype-tanka>  
 MIRROR: <https://mirror.ctan.org/fonts/ektype-tanka>
  - *The endnote package. Generic “endnotes” code.* 2025-07-20. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/endnote>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/endnote.tex>
  - *The eoldef package. Define commands which absorb the whole source line as arguments.* 2025-08-13. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/eoldef>  
 MIRROR: <https://mirror.ctan.org/macros/generic/eoldef>
  - *The espo package. Customisation for Esperanto.* 2016-06-24. LICENSE: noinfo. The package provides a modest set of macros for use in Esperanto documents. The package provides a wider set of macros.  
 URL: <https://ctan.org/pkg/espo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>
  - *The essaykit package. Get started with macros for essays.* 2026-01-02. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/essaykit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/essaykit>
  - *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fakebold>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>
  - *The fnote package. Auto-numbered footnotes in Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fnote>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>
  - *The freemath package. LaTeX maths without backslashes.* 2025-11-24. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/freemath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/freemath>
  - *The frenchquote package. Make something like guillemets.* 2016-06-24. LICENSE: noinfo. The package defines and which construct objects vaguely like the french quote marks “guillemets”, from small versions of the maths symbols and .  
 URL: <https://ctan.org/pkg/frenchquote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>
  - *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection  
 URL: <https://ctan.org/pkg/germdoc>
  - *The gfdl package. Support for using GNU Free Documentation License in L<sup>A</sup>T<sub>E</sub>X.* 2025-05-03. Version 0.2. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/gfdl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gfdl>
  - *The hackalloc package. Make allocations local.* 2016-06-24. LICENSE: noinfo. The package makes allocation (, , etc.) local.  
 URL: <https://ctan.org/pkg/hackalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>
  - *The hep-gen package. Generic macros for quantum physics.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hep-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/hep.tex>
  - *The hereapplies package. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common.* 2023-10-24. Version 1.0.2. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating

informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.

URL: <https://ctan.org/pkg/hereapplies>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>

Unknown. *The hge package. An “Old English” font.* 2022-04-06. LICENSE: noinfo

URL: <https://ctan.org/pkg/hge>

MIRROR: <https://mirror.ctan.org/fonts/hge>

— *The histyle package. A “HighStyle” environment for T<sub>E</sub>X.* 2025-07-20. Version 1.2. LICENSE: noinfo

URL: <https://ctan.org/pkg/histyle>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>

— *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl

URL: <https://ctan.org/pkg/hp2xx>

MIRROR: <https://mirror.ctan.org/support/hp2xx>

— *The hwemoji package. Unicode emoji support for pdfLaTeX with sequences.* 2022-11-16. Version 1.0. LICENSE: lppl1.3c,cc-by-4

URL: <https://ctan.org/pkg/hwemoji>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hwemoji>

— *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/indent>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>

— *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/invertedparagraphs>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>

— *The isolatin1 package. An obsolete means to use ISO 8859-1 with T<sub>E</sub>X.* 2016-06-24. Version 0.9. LICENSE: noinfo

URL: <https://ctan.org/pkg/isolatin1>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>

— *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/ist21>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>

— *The japanese-mathformulas package. Compiling basic math formulas in Japanese using LuaLaTeX.* 2022-10-10. Version 1.0.2. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/japanese-mathformulas>

MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>

— *The JavaBib package. A BibTeX file manager written in Java.* 2016-06-24. Version III. LICENSE: noinfo

URL: <https://ctan.org/pkg/javabib>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>

— *The jigsaw package. Draw jigsaw pieces with TikZ.* 2024-04-26. Version 0.5. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/jigsaw>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>

— *The karta package. Cartographic signs.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/karta>

MIRROR: <https://mirror.ctan.org/fonts/karta>

— *The keisennote package. TikZ-based Japanese-style notebook ruled lines for L<sup>A</sup>T<sub>E</sub>X.* 2026-01-03. Version 1.2.0. LICENSE: mit. Typeset Japanese-style ruled notebook lines in L<sup>A</sup>T<sub>E</sub>X. It supports full-page () and short () blocks. Spacing, dot size, and color are adjustable. The package is compatible with multicols.

URL: <https://ctan.org/pkg/keisennote>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/keisennote>

— *The KKran package. Generate answer fields in tests and exams.* 2025-12-27. Version 1.1.0. LICENSE: mit

URL: <https://ctan.org/pkg/kkran>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kkran>

— *The Kksymbols package. LaTeX commands for enclosing characters in circles, squares, diamonds, or brackets.* 2026-01-20. Version 2.0.2. LICENSE: mit

URL: <https://ctan.org/pkg/kksymbols>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kksymbols>

— *The label-pln package. Print address labels in three columns.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/label-pln>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>

- Unknown. *The laps package. Zero-width boxes for annotations, etc.* 2025-07-19. LICENSE: noinfo. Provides macros extends the / set in Plain  $\TeX$ :  
 URL: <https://ctan.org/pkg/laps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>
- *The letter-plain package. Letter macros for Plain  $\TeX$ .* 2021-03-09. LICENSE: noinfo. These macros would seem to be used by Knuth himself (a with a slightly different default address may be found in the CTAN copy of macros).  
 URL: <https://ctan.org/pkg/letter-plain>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>
  - *The letter1 package. Letter formatting macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/letter1>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/letter1>
  - *The LinguisTiX package. Enhanced support for linguistics.* 2026-01-21. Version 0.7. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/linguistix>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/linguistix>
  - *The llncs209 package. Macros for Springer books.* 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/llncs209>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>
  - *The longtocline package. Macros to produce a table of contents.* 2016-06-24. LICENSE: noinfo. Defines a macro (3 arguments) that produces a table of contents line rather similar to that provided as standard in  $\LaTeX$ .  
 URL: <https://ctan.org/pkg/longtocline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
  - *The ltxmisc package. Miscellaneous  $\LaTeX$  packages, etc.* 2025-07-19. LICENSE: collection  
 URL: <https://ctan.org/pkg/ltxmisc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc>
  - *The luwa-ul package. Provides underlines and other highlighting which can be used in vertical mode.* 2026-01-04. Version 1.2.1. LICENSE: mit. This package provides underlining and highlighting that remain intact even in vertical writing environments and when used together with ruby text. It internally uses package, so it can be used only under Lua $\LaTeX$ .  
 URL: <https://ctan.org/pkg/luwa-ul>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luwa-ul>
  - *The mandel package. Compute the Mandelbrot set.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mandel>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>
  - *The maple package. Styles and examples for the MAPLE newsletter.* 2016-06-18. Version 1.8. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/maple>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maple>
  - *The marathi package. Typeset Marathi language using  $X_{\text{TeX}}$  or Lua $\LaTeX$ .* 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/marathi>  
 MIRROR: <https://mirror.ctan.org/language/marathi>
  - *The mathtime-metrics package. MathTime AFM files.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathtime-metrics>  
 MIRROR: <https://mirror.ctan.org/fonts/mathtime>
  - *The maybeload package. Prevent reloading of files.* 2016-06-24. LICENSE: noinfo. Defines a command , which will become if it's called for a second or subsequent time with a particular file name.  
 URL: <https://ctan.org/pkg/maybeload>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
  - *The measurebox package. Precise measurements of glyphs.* 2025-05-11. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/measurebox>  
 MIRROR: <https://mirror.ctan.org/macros/generic/measurebox>
  - *The memo-pln package. Plain  $\TeX$  macros for memoranda.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/memo-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>
  - *The mitpress package. Typeset documents for MIT Press.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mitpress>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/mitpress.sty>
  - *The modernnewspaper package. A modern, Unicode-first newspaper package for  $\LaTeX$ .* 2026-01-12. Version 0.2.1. LICENSE: lpp1.3c. is a Unicode-first  $\LaTeX$  package for producing newspaper-style documents. It supports multi-column layouts, multilingual content



(including right-to-left scripts), Unicode-safe drop caps, column-safe images, and modern metadata such as website URLs. The package is designed for Xe<sub>Λ</sub>TeX and LuaLaTeX and is suitable for both print and digital newspapers.

URL: <https://ctan.org/pkg/modernnewspaper>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/modernnewspaper>

Unknown. *The modernruler package. Flexible ruler and annotation commands with key-value support and vertical writing compatibility.*

2026-01-12. Version 1.1.0. LICENSE: mit

URL: <https://ctan.org/pkg/modernruler>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modernruler>

— *The msx2msa package. Simulate msxm and msym fonts using msam and msbm.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/msx2msa>

MIRROR: <https://mirror.ctan.org/fonts/vf-files/msx2msa>

— *The muling package. MA Thesis class for the Department of Linguistics, University of Mumbai.* 2023-04-02. Version 0.5. LICENSE: gpl3+,fdl

URL: <https://ctan.org/pkg/muling>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/muling>

— *The namunsrt package. An unsorted BibTeX style with labels provided in the database.* 2025-10-29. LICENSE: other-free

URL: <https://ctan.org/pkg/namunsrt>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/namunsrt.bst>

— *The nofill package. Preserve spaces and line breaks when setting text.* 2016-06-24. LICENSE: noinfo. The commands and bracket text in which multiple spaces are not collapsed into a single space, and spaces at the start of line are preserved.

URL: <https://ctan.org/pkg/nofill>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/nofill.tex>

— *The ntg package. Dutch T<sub>E</sub>X Users Group information.* 2016-06-18. LICENSE: other-free

URL: <https://ctan.org/pkg/ntg>

MIRROR: <https://mirror.ctan.org/usergrps/ntg>

— *The NTS-L package. NTS mailing list digests.* 2016-06-24. LICENSE: digest. This bundle holds postings from the mailing list , from 1992-05 to 1995-01.

URL: <https://ctan.org/pkg/nts-l>

MIRROR: <https://mirror.ctan.org/info/digests/nts-l>

— *The obsolete package. A tree holding obsolete software.* 2016-06-24. LICENSE: collection

URL: <https://ctan.org/pkg/obsolete>

MIRROR: <https://mirror.ctan.org/obsolete>

— *The utoruby package. Ruby with line break support for Japanese text.* 2025-03-14. Version 0.0.1. LICENSE: gpl3

URL: <https://ctan.org/pkg/utoruby>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/utoruby>

— *The ovalfbox package. Boxes with frames whose corners are rounded.* 2016-06-24. LICENSE: noinfo. The package defines a command which seems more stable to the similar command in the package ; however, this package retains the problems with the positioning of multiline text in boxes.

URL: <https://ctan.org/pkg/ovalfbox>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>

— *The panda package. A package to estimate the blackness of fonts.* 2019-09-02. Version 0.2. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/panda>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/panda>

— *The paragraphs package. Paragraph “tricks” macros.* 2025-07-20. LICENSE: noinfo

URL: <https://ctan.org/pkg/paragraphs>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>

— *The pdfmsym package. PDF Math Symbols — various drawn mathematical symbols.* 2023-03-16. Version 1.1.1. LICENSE: mit

URL: <https://ctan.org/pkg/pdfmsym>

MIRROR: <https://mirror.ctan.org/macros/generic/pdfmsym>

— *The pgfplotsthemebeamer package. Use colours from the current beamer theme in pgfplots.* 2024-08-07. Version 0.2. LICENSE: lppl1.3c. A  $\LaTeX$  package for using colours from the current theme in diagrams.

URL: <https://ctan.org/pkg/pgfplotsthemebeamer>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgfplotsthemebeamer>

— *The plainmisc package. Miscellaneous contributed macros for plain T<sub>E</sub>X.* 2016-06-18. LICENSE: collection

URL: <https://ctan.org/pkg/plainmisc>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>

- Unknown. *The plcalendar package. Plain macros for making nice calendars.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/plcalendar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
- *The plfonts package. Polish extension to Computer Modern fonts.* 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
 URL: <https://ctan.org/pkg/plfonts>
  - *The postnotes package. Endnotes for L<sup>A</sup>T<sub>E</sub>X.* 2025-11-11. Version 0.5.1. LICENSE: lpl1.3c. This is an endnotes package for L<sup>A</sup>T<sub>E</sub>X. Its user interface provides means to print multiple sections of notes along the document, and to subdivide them either automatically — by chapter, by section — or at manually specified places, thus being able to easily handle both numbered and unnumbered headings. The package also provides infrastructure for setting up contextual running headers for printed notes. The default is a simple but useful one, in the form “Notes to pages N-M”, but more elaborate ones can be built. When is loaded, provides hyperlinked notes, including back links.  
 URL: <https://ctan.org/pkg/postnotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
  - *The printbib package. Print the contents of a bibliography.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/printbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/printbib>
  - *The pronunciation package. American English Pronunciation.* 2025-02-08. Version 1.0.2. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/pronunciation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pronunciation>
  - *The psfonts package. PostScript fonts for use with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/psfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts>
  - *The psnfssx-8r package. Raw Type 1 fonts with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/psnfssx-8r>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>
  - *The qms package. VMS tools for controlling QMS printers.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/qms>  
 MIRROR: <https://mirror.ctan.org/dviware/qms>
  - *The quiver package. Draw commutative diagrams exported from https://q.uiver.app.* 2025-06-29. Version 1.5.5. LICENSE: mit  
 URL: <https://ctan.org/pkg/quiver>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/quiver>
  - *The quotation package. Typeset an attributed quotation.* 2016-06-24. LICENSE: noinfo. takes two arguments, the quotation itself, and the attribution. The quotation is set as a page-wide , so placement of commands may be useful for best appearance.  
 URL: <https://ctan.org/pkg/quotation>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/quotation.tex>
  - *The redefine package. Conditional macro, etc., definitions.* 2016-06-24. LICENSE: noinfo. Defines commands , and that warn the user if a command is redefined using them (if operating under L<sup>A</sup>T<sub>E</sub>X, is similarly modified). In addition , , , are modified to detect an error if a conditional or register name is reused.  
 URL: <https://ctan.org/pkg/redefine>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>
  - *The rotate package. Rotate T<sub>E</sub>X boxes.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rotate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>
  - *The samples package. Samples of Plain T<sub>E</sub>X coding.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/samples>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples>
  - *The sc21 package. Title page for the old ISO TC97/SC21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>
  - *The sc21-wg1 package. Title page for the old ISO TC97/SC21/WG1 working group.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21-wg1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>

- Unknown. *The screen package. Prepare a document for a simple previewer.* 2016-06-24. LICENSE: noinfo. A small package designed to set geometry to prepare a (LaTeX 2.09) document for viewing with something like .  
 URL: <https://ctan.org/pkg/screen>  
 MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>
- *The sentences package. Numbered lists for sentences.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sentences>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
  - *The sfwmac package. A set of definitions for Unix system documentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfwmac>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
  - *The sshdbk10 package. Sans headers in book style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sshdbk10>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
  - *The stretchy package. Macros for creating stretchy  $\TeX$  symbols.* 2025-05-11. Version 0.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/stretchy>  
 MIRROR: <https://mirror.ctan.org/macros/generic/stretchy>
  - *The tabbingbox package. Save a tabbing environment in a box.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tabbingbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
  - *The tabular2 package. Table typesetting with expl3 syntax.* 2025-11-11. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tabular2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabular2>
  - *The texcad32 package. Win32 drawing package for mathematical diagrams.* 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
 URL: <https://ctan.org/pkg/texcad32>  
 MIRROR: <https://mirror.ctan.org/graphics/texcad32>
  - *The Texhax package. Digests of a general  $\TeX$  mailing list.* 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/texhax>  
 MIRROR: <https://mirror.ctan.org/info/digests/texhax>
  - *The texindex package. Simple indexing using standard Unix commands.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/texindex>  
 MIRROR: <https://mirror.ctan.org/indexing/texindex>
  - *The tgrind209 package. Support tgrind in  $\LaTeX$  2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with  $\LaTeX$  2.09.  
 URL: <https://ctan.org/pkg/tgrind209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>
  - *The thirteen package. Print dates of Friday 13th days.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/thirteen>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>
  - *The threecol package. Three-column newsletter output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/threecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
  - *The tikz-bbox package. Precise determination of bounding boxes in TikZ.* 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-bbox>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
  - *The tikz-ext package. A collection of libraries for PGF/TikZ.* 2025-04-24. Version 0.6.2. LICENSE: fdl,lppl  
 URL: <https://ctan.org/pkg/tikz-ext>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
  - *The TikZbricks package. Drawing bricks with TikZ.* 2019-09-02. Version 0.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzbricks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
  - *The TikZducks package. A little fun package for using rubber ducks in TikZ.* 2025-12-12. Version 2.2. LICENSE: lppl1.3c. The package is a  $\LaTeX$  package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange  
 URL: <https://ctan.org/pkg/tikzducks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>

- Unknown. *The TikZlings package. A collection of cute little animals and similar creatures.* 2025-12-11. Version 2.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzlings>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzlings>
- *The TikZmarmots package. Drawing little marmots in TikZ.* 2025-11-11. Version 2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzmarmots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>
  - *The tikztosvg package. A utility for rendering TikZ diagrams to SVG.* 2021-08-20. Version 0.3.0. LICENSE: gpl3. This package provides a shell script that calls and to convert environments to SVG files.  
 URL: <https://ctan.org/pkg/tikztosvg>  
 MIRROR: <https://mirror.ctan.org/support/tikztosvg>
  - *The timeline package. Typeset time-lines, for planning, etc.* 2025-07-19. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.  
 URL: <https://ctan.org/pkg/timeline>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
  - *The tipauni package. Producing Unicode characters with TIPA commands.* 2023-02-13. Version 0.7a. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/tipauni>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
  - *The toc package. Table of contents macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/toc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
  - *The tokmap package. Iterate over a token list expandably, without dropping spaces or braced groups.* 2025-06-29. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tokmap>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tokmap>
  - *The trademarks package. A collection of trademarks and the like.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/trademarks>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
  - *The twoside package. Two-side typesetting in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/twoside>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
  - *The UK-TeX package. The UK T<sub>E</sub>X digest.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/uktex>  
 MIRROR: <https://mirror.ctan.org/info/digests/uktex>
  - *The undertilde-gen package. A simple macro for placing a tilde under a character.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/undertilde-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>
  - *The unfinished package. Mark unfinished parts of a document.* 2016-06-24. LICENSE: noinfo. The package provides an environment convenient for marking unfinished sections of a document. The environment complains if it thinks the document is not marked as a draft (in the sense of having non-zero.  
 URL: <https://ctan.org/pkg/unfinished>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>
  - *The unisc package. Unicode small caps with Lua/XeLaTeX.* 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. LaTeX produces small caps with or . Neither of these commands produce small caps in Unicode. If the output text is copied and pasted somewhere it shows the same characters as used in the input. This package aims to internally convert all the characters provided to the commands mentioned above. It assumes that the file using this package is compiled with Lua/XeLaTeX and a good Unicode font which has the small caps characters, e.g., .  
 URL: <https://ctan.org/pkg/unisc>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unisc>
  - *The unitipa package. TIPA typefaces with Unicode characters as input.* 2021-10-22. Version 0.4. LICENSE: gpl3+,fdl. A(n obsolete) package which used to provide a LuaLaTeX based code for converting Unicode IPA input to T3 encoded TIPA typefaces, but it is recommended to use with Xe/LuaLaTeX instead for a better output.  
 URL: <https://ctan.org/pkg/unitipa>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>
  - *The updatemarks package. Extract and update marks from boxes.* 2025-11-11. Version 0.4a. LICENSE: lppl1.3c. This package can help you update marks if you put your title in boxes. You can use in the preamble of your document so that marks in these environments can be found by L<sup>A</sup>T<sub>E</sub>X. You can use or to save marks, and to reinsert them.

- URL: <https://ctan.org/pkg/updatemarks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/updatemarks>
- Unknown. *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo  
URL: <https://ctan.org/pkg/util-half>  
MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>
- *The verbatim-pln package. Define new verbatim “environments” in Plain T<sub>E</sub>X.* 2025-07-20. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>
  - *The visualtoks package. Typeset T<sub>E</sub>Xbook-style visualisations of token lists.* 2025-09-01. Version 1.1b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/visualtoks>  
MIRROR: <https://mirror.ctan.org/macros/generic/visualtoks>
  - *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
URL: <https://ctan.org/pkg/web9pt>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>
  - *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/webmacss>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>
  - *The weiqi package. Use L<sup>A</sup>T<sub>E</sub>X3 to typeset Weiqi (Go).* 2025-11-11. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/weiqi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/weiqi>
  - *The winemtex package. EmT<sub>E</sub>X for windows.* 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/winemtex>
  - *The wntamil package. Tamil to T<sub>E</sub>X converter.* 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/wntamil>  
MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
  - *The wright package. Define commands with optional arguments.* 2025-12-05. LICENSE: noinfo. Version of and that can define commands with optional arguments. (Preceding the public availability of such commands, in L<sup>A</sup>T<sub>E</sub>X2e, and with a slightly different syntax.)  
URL: <https://ctan.org/pkg/wright>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
  - *The xarticle package. A L<sup>A</sup>T<sub>E</sub>X 2.09 document style with 7pt, 8pt and 9pt options.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
  - *The xcmr package. A crossed-out version of Computer Modern.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xcmr>  
MIRROR: <https://mirror.ctan.org/fonts/cm/xcmr/xcmr12.mf>
  - *The xduts package. Xidian University T<sub>E</sub>X Suite.* 2025-11-11. Version 6.2.7.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xduts>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xduts>
  - *The zaccone package. Different configuration for different captions.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/zaccone>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/zaccone>
  - *The zitie package. Create CJK character calligraphy practicing sheets.* 2025-11-11. Version 1.4.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zitie>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zitie>
  - *The zref-check package. Flexible cross-references with contextual checks based on zref.* 2025-11-11. Version 0.3.7. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references flexibly, while allowing to have them checked for consistency with the document structure as typeset. Statements such as “above”, “on the next page”, “previously”, “as will be discussed”, “on the previous chapter” and so on can be given to in free-form, and a set of “checks” can be specified to be run against a given “label”, which will result in a warning at compilation time if any of these checks fail. and the environment are also defined as a means to easily set label targets to arbitrary places in the text which can be referred to by .  
URL: <https://ctan.org/pkg/zref-check>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>



- Unknown. *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref*. 2025-11-11. Version 0.5.1. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.  
URL: <https://ctan.org/pkg/zref-clever>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
- *The zref-vario package. Extended L<sup>A</sup>T<sub>E</sub>X page cross-references with varioref and zref-clever*. 2025-11-11. Version 0.1.12. LICENSE: lppl1.3c. This package offers a compatibility layer for to be used alongside . It provides counterparts to ’s main reference commands, each of which essentially does some (scoped) setup for , then calls the original one.  
URL: <https://ctan.org/pkg/zref-vario>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-vario>
- Unknown and Changcheng Student Network. *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template*. 2023-08-04. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/buctthesis>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
- Unknown and SIL International. *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA)*. 2025-01-12. Version 0.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/doulossil>  
MIRROR: <https://mirror.ctan.org/fonts/doulossil>
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URL: <https://ctan.org/pkg/notocjksc>  
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  - *The QCM package. A  $\LaTeX$ 2e class for making multiple choice questionnaires.* 2022-06-25. Version 2.1. LICENSE: lppl. QCM is a package for making multiple choices questionnaires under  $\LaTeX$ 2e (“QCM” is the French acronym for this style of test). A special environment allows you to define questions and possible answers. You can specify which answers are correct and which are not. QCM not only formats the questions for you, but also generates a ‘form’ (a grid that your students will have to fill in), and a ‘mask’ (the same grid, only with correct answers properly checked in). You can then print the mask on a slide and correct the questionnaires more easily by superimposing the mask on top of students’ forms. QCM can also typeset exam corrections automatically, and comes with support for .  
 URL: <https://ctan.org/pkg/qcm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qcm>
- Verunek, Jiří. *The timetable package. Generate timetables.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/timetable>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/timetable>
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 URL: <https://ctan.org/pkg/vocaltract>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/vocaltract>
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 URL: <https://ctan.org/pkg/loggates>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loggates>
- *The rmthm package. Use a roman font for theorem statements.* 2025-12-05. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rmthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/rmthm.sty>
  - *The xrefwarn package. Only one warning for an undefined citation.* 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/xrefwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/xrefwarn.sty>
- Verweyen, Georg Michael. *The mentis package. A basis for books to be published by Mentis publishers.* 2016-06-24. Version 1.5. LICENSE: lppl. This  $\LaTeX$  class loads and provides changes necessary for publishing at Mentis publishers in Paderborn, Germany. It is not an official Mentis class, merely one developed by an author in close co-operation with Mentis.  
 URL: <https://ctan.org/pkg/mentis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mentis>

- *The stdpage package*. Standard pages with  $n$  lines of at most  $m$  characters each. 2025-07-21. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/stdpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdpage>
- Vessella, Nino. *The psbao package*. Draw Bao diagrams. 2020-05-02. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psbao>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/psbao>
- Veytsman, Boris. *The acmart package*. Class for typesetting publications of ACM. 2025-08-28. Version 2.16. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acmart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acmart>
- *The adjmulticol package*. Adjusting margins for multicolumn and single column output. 2022-05-17. Version 1.5. LICENSE: lppl1.3.  
 The package adds, to the package, the option to change the margins for multicolumn and unicolon layout. The package understands the difference between the even and odd margins for two side printing.  
 URL: <https://ctan.org/pkg/adjmulticol>  
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 MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/adobecaslon>
- *The afparticle package*. Typesetting articles for Archives of Forensic Psychology. 2024-12-30. Version 1.3. LICENSE: lppl1.3. This package provides a class for typesetting articles for the open access journal .  
 URL: <https://ctan.org/pkg/afparticle>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/afparticle>
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 URL: <https://ctan.org/pkg/amnestyreport>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/amnestyreport>
- *The aomart package*. Typeset articles for the Annals of Mathematics. 2025-08-21. Version 1.36. LICENSE: lppl1.3. The package provides a class for typesetting articles for .  
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 URL: <https://ctan.org/pkg/arsenal>  
 MIRROR: <https://mirror.ctan.org/fonts/arsenal>
- *The bestpapers package*. A BibTeX package to produce lists of authors' best papers. 2025-10-29. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/bestpapers>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bestpapers>
- *The commedit package*. Commented editions with  $\text{\LaTeX}$ . 2019-02-26. Version 1.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commedit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/commedit>
- *The crossrefware package*. Scripts for working with crossref.org. 2025-09-26. LICENSE: gpl  
 URL: <https://ctan.org/pkg/crossrefware>  
 MIRROR: <https://mirror.ctan.org/support/crossrefware>
- *The divine package*. LaTeX support for the divine font. 2020-08-29. Version 1.0. LICENSE: other-free. The package provides support files for the from the .  
 URL: <https://ctan.org/pkg/divine>  
 MIRROR: <https://mirror.ctan.org/fonts/divine>
- *The dogma package*. Metrics and  $\text{\LaTeX}$  support for Dogma Font From Emigre Graphics. 2016-06-24. Version 1.3. LICENSE: bsd. This package provides metric files and  $\text{\LaTeX}$  support for the , designed by Zuzana Licko in 1994. It has everything you need to typeset in this font — except, of course, the font itself.  
 URL: <https://ctan.org/pkg/dogma>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/emigre/dogma>
- *The envlab package*. Addresses on envelopes or mailing labels. 2022-02-03. Version 1.2. LICENSE: lppl. A  $\text{\LaTeX}$  package for producing mailing envelopes and labels, including barcodes and address formatting according to the US Postal Service rules. Redefines the standard command of the  $\text{\LaTeX}$  letter documentclass.  
 URL: <https://ctan.org/pkg/envlab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/envlab>

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 URL: <https://ctan.org/pkg/erdc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/erdc>
- Veytsman, Boris. *The estcpmm package. Style for Munitions Management Project Reports.* 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/estcpmm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/estcpmm>
- *The fitbox package. Fit graphics on a page.* 2019-02-21. Version 1.02. LICENSE: lppl1.3. The package allows a box (usually an box) to fit on the page. It scales the box to the maximal allowed size within the user-set limits. If there is not enough space on the page, the box is moved to the next one.  
 URL: <https://ctan.org/pkg/fitbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitbox>
- *The foilhtml package. Interface between foiltex and L<sup>A</sup>T<sub>E</sub>X2HTML.* 2022-02-03. Version 1.2. LICENSE: lppl. Provides integration between and , adding sectioning commands and elements of logical formatting to FoilTeX and providing support for FoilTeX commands in L<sup>A</sup>T<sub>E</sub>X2HTML.  
 URL: <https://ctan.org/pkg/foilhtml>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foilhtml>
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 URL: <https://ctan.org/pkg/futurans>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/futurans>
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 URL: <https://ctan.org/pkg/glossaries-ukrainian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-ukrainian>
- *The ijmart package. LaTeX Class for the Israel Journal of Mathematics.* 2016-06-24. Version 1.7. LICENSE: lppl. The Israel Journal of Mathematics is published by The Hebrew University Magnes Press. This class provides L<sup>A</sup>T<sub>E</sub>X support for its authors and editors. It strives to achieve the distinct “look and feel” of the journal, while having the interface similar to that of the document class. This will help authors already familiar with amsart to easily submit manuscripts for The Israel Journal of Mathematics or to put the preprints in with minimal changes in the L<sup>A</sup>T<sub>E</sub>X source.  
 URL: <https://ctan.org/pkg/ijmart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ijmart>
- *The imprintmtshadow package. Support files for the Monotype Imprint Shadow fonts.* 2021-09-11. Version 1.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/imprintmtshadow>  
 MIRROR: <https://mirror.ctan.org/fonts/imprintmtshadow>
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 URL: <https://ctan.org/pkg/issuulinks>  
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- *The iwonamath package. LaTeX support for scaled Iwona math fonts.* 2025-11-11. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/iwonamath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iwonamath>
- *The jamtimes package. Expanded Times Roman fonts.* 2009-11-07. Version 1.12. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jamtimes>  
 MIRROR: <https://mirror.ctan.org/fonts/jamtimes>
- *The lsabon package. Support files for the Linotype Sabon fonts.* 2021-09-11. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lsabon>  
 MIRROR: <https://mirror.ctan.org/fonts/lsabon>
- *The mathgifg package. Support for Microsoft Georgia and ITC Franklin Gothic.* 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/mathgifg>  
 MIRROR: <https://mirror.ctan.org/fonts/mathgifg>
- *The mđputu package. Upright digits in Adobe Utopia Italic.* 2016-06-24. Version 1.2. LICENSE: other-free. The Annals of Mathematics uses italics for theorems. However, slanted digits and parentheses look disturbing when surrounded by (upright) mathematics. This package provides virtual fonts with italics and upright digits and punctuation, as an extension to .

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MIRROR: <https://mirror.ctan.org/fonts/mdputu>
- Veytsman, Boris. *The multiaudience package. Several versions of output from the same source.* 2021-10-03. Version 1.04. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/multiaudience>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multiaudience>
- *The nbaskerv package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for ITC New Baskerville Font From Adobe.* 2016-06-24. Version 1.0c. LICENSE: bsd  
URL: <https://ctan.org/pkg/nbaskerv>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/nbaskerv>
  - *The nmbib package. Multiple versions of a bibliography, with different sort orders.* 2024-04-30. Version 1.05. LICENSE: lppl1.3. This package is a rewrite of the package providing multiple bibliographies with different sorting. The new version offers a number of citation commands, streamlines the creation of bibliographies, ensures compatibility with the package, and provides other improvements.  
URL: <https://ctan.org/pkg/nmbib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nmbib>
  - *The nostarch package. LaTeX class for No Starch Press.* 2023-07-19. Version 2.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nostarch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nostarch>
  - *The pcarl package. LaTeX Support for Adobe Caslon Open Face.* 2021-09-11. Version 1.0a. LICENSE: other-free  
URL: <https://ctan.org/pkg/pcarl>  
MIRROR: <https://mirror.ctan.org/fonts/pcarl>
  - *The philosophersimprint package. Typesetting articles for “Philosophers’ Imprint”.* 2025-07-20. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/philosophersimprint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philosophersimprint>
  - *The rawprint package. Print raw Russian text.* 2025-07-22. LICENSE: lppl. A package for “quick and dirty” printing of raw (i.e., non-TeX) Russian texts by persons who do not have Russian printer fonts (but have Cyrillic T<sub>E</sub>X). It makes various symbols “normal” letters and converts the “unisex” quote character into Russian-style and quotes.  
URL: <https://ctan.org/pkg/rawprint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koi8>
  - *The resphilosophica package. Typeset articles for the journal Res Philosophica.* 2025-10-02. Version 1.39. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/resphilosophica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resphilosophica>
  - *The rviewport package. Relative Viewport for Graphics Inclusion.* 2025-11-11. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/rviewport>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rviewport>
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URL: <https://ctan.org/pkg/sageep>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sageep>
  - *The seqsplit package. Split long sequences of characters in a neutral way.* 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/seqsplit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seqsplit>
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URL: <https://ctan.org/pkg/srcredact>  
MIRROR: <https://mirror.ctan.org/support/srcredact>
  - *The tex-vpat package. TeX Accessibility Conformance Report.* 2024-08-18. Version 2.4. LICENSE: cc-by-3  
URL: <https://ctan.org/pkg/tex-vpat>  
MIRROR: <https://mirror.ctan.org/info/tex-vpat>
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URL: <https://ctan.org/pkg/thsmc>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/fontfabrik/thsmc>
- Veytsman, Boris and Leila Akhmadeeva. *The pedigree-perl package. Generate T<sub>E</sub>X pedigree files from CSV files.* 2022-08-29. Version 2.1. LICENSE: gpl2. This program generates T<sub>E</sub>X commands to typeset pedigrees — either T<sub>E</sub>X fragments or full L<sup>A</sup>T<sub>E</sub>X files, to be processed by the authors’ package. The program has support for multilanguage pedigrees (at the present moment the English and Russian languages are supported).  
URL: <https://ctan.org/pkg/pedigree-perl>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pedigree-perl>



- *The pst-pdgr package. Draw medical pedigrees using PSTricks.* 2017-11-20. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-pdgr>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pst-pdgr>
- Veytsman, Boris, C. V. Radhakrishnan, Lee Netherton, and Bernd Schandl. *The nomenc1 package. Produce lists of symbols as in nomenclature.* 2021-11-11. Version 5.6. LICENSE: lppl. Produces lists of symbols using the capabilities of the program.  
 URL: <https://ctan.org/pkg/nomenc1>  
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- Vicentini, Emanuele. *The evautof1 package. Pages with cut lines and punch marks.* 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/evautof1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evautof1>
- *The evweek package. Weekly calendar.* 2016-06-24. LICENSE: lppl. The evweek class is distributed as part of the bundle, and is a development of the weekly class in the bundle. It provides extra options for font control, and offers a number of bug fixes over the original.  
 URL: <https://ctan.org/pkg/evweek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evweek>
- *The GuITlogo package. Macros for typesetting the GuIT logo.* 2020-07-03. Version 1.0.0-alpha.4. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/guitlogo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/GuIT/GuITlogo>
- Vieth, Ulrik. *The closefrm package. Tidy up after reading a MetaPost file.* 2016-06-24. Version 1.04. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/closefrm>  
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- *The concmath package. Concrete Math fonts.* 2016-06-24. LICENSE: lppl. A  $\text{\LaTeX}$  package and font definition files to access the fonts, which were derived from Computer Modern math fonts using parameters from Concrete Roman text fonts.  
 URL: <https://ctan.org/pkg/concmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concmath>
- *The concmath-fonts package. Concrete mathematics fonts.* 2016-06-24. LICENSE: lppl. The fonts are derived from the computer modern mathematics fonts and from Knuth’s fonts; they are distributed as Metafont source.  $\text{\LaTeX}$  support is offered by the package.  
 URL: <https://ctan.org/pkg/concmath-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/concmath>
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 URL: <https://ctan.org/pkg/gpdata>  
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- *The interpol package. Add interpolation to MetaPost graph package.* 2016-06-24. Version 1.04. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/interpol>  
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- *The meta-mode package. Emacs mode for Metafont/post.* 2016-06-24. Version 1.0. LICENSE: gpl. A GNU Emacs Lisp package that implements a major mode for editing or sources. It provides many features commonly found in Emacs editing modes for programming languages, such as automatic indenting of source code, syntactic highlighting (a.k.a. fontification), symbol completion, as well as miscellaneous other basic editing functions adapted to the mode-specific semantics such as motion commands or commands to mark, reindent, or comment-out environments or regions.  
 URL: <https://ctan.org/pkg/meta-mode>  
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- *The mflogo package. LaTeX support for Metafont logo fonts.* 2016-06-24. Version 2.0. LICENSE: lppl. LaTeX package and font definition file to access the Knuthian fonts described in ‘The Metafontbook’ and to typeset Metafont logos in  $\text{\LaTeX}$  documents.  
 URL: <https://ctan.org/pkg/mflogo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mflogo>
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 URL: <https://ctan.org/pkg/testeq>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/testeq.mp>
- Vieth, Ulrik and Michel Goossens. *The ssquote package. Use the cmssq fonts.* 2016-06-24. Version 1.3. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ssquote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ssquote>
- Vigil, Arthur. *The typicons package. Font containing a set of web-related icons.* 2016-06-24. Version 2.0.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/typicons>  
 MIRROR: <https://mirror.ctan.org/fonts/typicons>



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 URL: <https://ctan.org/pkg/notex-bst>  
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- Vigna, Sebastiano and Werner Lemberg. *The cd package. Typeset CD covers*. 2016-06-24. Version 1.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cd>
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 URL: <https://ctan.org/pkg/pst-solides3d>  
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- Vihrov, Andrey. *The fixlatvian package. Improve Latvian language support in Xe<sub>La</sub>TeX*. 2016-06-24. Version 1a. LICENSE: lppl1.3. The package offers improvement of the Latvian language support in , in particular in the area of the standard classes.  
 URL: <https://ctan.org/pkg/fixlatvian>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/fixlatvian>
- Vijay, Sameer and Donald Brower. *The nddiss package. Notre Dame Dissertation format class*. 2018-01-06. Version 3.2017.2. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/nddiss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nddiss>
- Vikhlinin, Alexey and Maxim Markevitch. *The emulateapj package. Produce output similar to that of APJ*. 2025-02-20. LICENSE: lppl. A  $\LaTeX$  class (based on current ) to produce preprints with the page layout similar to that of the Astrophysical Journal.  
 URL: <https://ctan.org/pkg/emulateapj>  
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 URL: <https://ctan.org/pkg/makeplot>  
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- Vion, Adrien. *The lexref package. Convenient and uniform references to legal provisions*. 2016-06-24. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lexref>  
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- Vion, Adrien and Fabian Mörtl. *The biblatex-swiss-legal package. Bibliography and citation styles following Swiss legal practice*. 2020-06-19. Version 1.1.2a. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/info/lshort/thai>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numneru>
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 URL: <https://ctan.org/pkg/cooking-units>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooking-units>
- *The iitem package. Multiple level of lists in one list-like environment*. 2016-06-24. Version 1.0. LICENSE: lppl. The package defines multiple level lists within one list-like environment. instead of writing this package allows you to write

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 URL: <https://ctan.org/pkg/tikzsymbols>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzsymbols>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvss>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/BibTexMng>
- Vogel, Ralf. *The xyling package. Draw syntactic trees, etc., for linguistics literature, using xy-pic*. 2016-06-24. Version 1.1. LICENSE: lppl.  
 The macros in this package model the construction of linguistic tree structures as a genuinely graphical problem: they contain two types of objects, and , and these are positioned relative to a . It is essential that each of these three elements is constructed independent of the other two, and hence they can be modified without unwanted side effects. The macros are based on the package.  
 URL: <https://ctan.org/pkg/xyling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xyling>
- Vogelgesang, Matthias. *The beamertheme-metropolis package. A modern L<sup>A</sup>T<sub>E</sub>X beamer theme*. 2017-04-18. Version 1.2. LICENSE: other-free  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/metropolis>
- Vogt, Frédéric P.A. *The metsymb package. The package provides dedicated T<sub>E</sub>X commands to generate (vectorial) meteorological symbols*. 2023-09-04. Version 1.2.0. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/metsymb>  
 MIRROR: <https://mirror.ctan.org/fonts/metsymb>
- Vojta, Paul. *The gsftopk package. Convert “Ghostscript fonts” to PK files*. 2025-07-20. Version 1.19.2. LICENSE: gpl. Designed for use with and this utility converts Adobe Type 1 fonts to PK bitmap format. It should not ordinarily be much used nowadays, since both its target applications are now capable of dealing with Type 1 fonts, direct.  
 URL: <https://ctan.org/pkg/gsftopk>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/gsftopk>
- *The pkfind package. A ‘find’ command which understands pk files*. 2018-11-15. Version 1.0. LICENSE: other-free. The standard specifies that and files contain strings to identify the contents of the files. Pkfind is a variant of the GNU find utility modified to understand those specials, and to act on them in some cases. For example, it can be used to delete all files created by from a subdirectory tree.  
 URL: <https://ctan.org/pkg/pkfind>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/pkfind>
  - *The xdvi package. A DVI previewer for the X Window System*. 2020-03-02. LICENSE: other-free. The canonical previewer for use on Unix and other X-windows based systems. The distribution has been integrated with that of xdvik (no longer separately available), so that it will build with “out of the box”. It is included in .  
 URL: <https://ctan.org/pkg/xdvi>
- Vojta, Paul and Daniel Gidea. *The ucbthesis package. Thesis and dissertation class supporting UCB requirements*. 2019-07-20. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ucbthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucbthesis>
- Vollmer, Jürgen. *The acmconf package. Class for ACM conference proceedings*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acmconf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acmconf>
- *The draftcopy package. Identify draft copies*. 2016-06-24. Version 2.16. LICENSE: lppl  
 URL: <https://ctan.org/pkg/draftcopy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftcopy>

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 URL: <https://ctan.org/pkg/latex2man>  
 MIRROR: <https://mirror.ctan.org/support/latex2man>
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 URL: <https://ctan.org/pkg/rcsinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcsinfo>
- Volovich, Vladimir. *The cm-super package*. CM-Super family of fonts. 2016-06-24. LICENSE: gpl. The CM-Super family provides Adobe Type 1 fonts that replace the , , and Cyrillic fonts (thus supporting all European languages except Greek), and bringing many ameliorations in typesetting quality. The fonts exhibit the same metrics as the Metafont-encoded originals.  
 URL: <https://ctan.org/pkg/cm-super>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super>
- *The ruhyphen package*. Russian hyphenation. 2016-06-24. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ruhyphen>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ruhyphen>
- *The type1ec package*. Permit EC, TC and LH fonts at arbitrary sizes. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/type1ec>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super/type1ec.sty>
- Volovich, Vladimir and Marcel Krüger. *The cmap package*. Make PDF files searchable and copyable. 2021-02-06. Version 1.0j. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmap>
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 URL: <https://ctan.org/pkg/t2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/t2>
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 URL: <https://ctan.org/pkg/cyrguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/ratex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
- *The rtklage package*. Make suit details for German courts. 2016-06-24. Version 0.1. LICENSE: noinfo. Provides support for lawsuits in German courts, based on classes.  
 URL: <https://ctan.org/pkg/rtklage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
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 URL: <https://ctan.org/pkg/auto-pst-pdf-lua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
- *The beamer-fuberlin package*. Beamer, using the style of FU Berlin. 2022-04-28. Version 0.02b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/beamer-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-FUBerlin>
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 URL: <https://ctan.org/pkg/biblatex-bwl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bwl>
- *The biblatex-readbbl package*. Read a .bbl file created by biber. 2022-01-25. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-readbbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-readbbl>
- *The biblatex-spbasic package*. A BibLaTeX style emulating Springer’s old spbasic.bst. 2021-12-29. Version 0.04. LICENSE: lppl. This package provides a bibliography and citation style for / for typesetting articles for Springer’s journals. It is the same as the old BibTeX style .  
 URL: <https://ctan.org/pkg/biblatex-spbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-spbasic>

- *The bonum-otf package. Support for the OpenType font Bonum.* 2024-07-26. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bonum-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/bonum-otf>
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 URL: <https://ctan.org/pkg/ctan-bibdata>  
 MIRROR: <https://mirror.ctan.org/biblio/ctan-bibdata>
- *The dejavu-otf package. Support for the ttf and otf DejaVu fonts.* 2025-05-23. Version 0.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dejavu-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/dejavu-otf>
- *The domaincoloring package. Draw colored representations of complex functions.* 2024-09-16. Version 0.05. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/domaincoloring>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/domaincoloring>
- *The einfuehrung package. Examples from the book Einführung in  $\TeX$ .* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/einfuehrung>  
 MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung>
- *The einfuehrung2 package. Examples from the book Einführung in  $\TeX$ .* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/einfuehrung2>  
 MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung2>
- *The fbox package. Extended \fbox macro from standard  $\TeX$ .* 2023-12-04. Version 0.07. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fbox>
- *The firamath-otf package. Use OpenType math font Fira Math.* 2023-09-08. Version 0.03b. LICENSE: lppl1.3. The package offers XeTeX/LuaTeX support for the .  
 URL: <https://ctan.org/pkg/firamath-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/firamath-otf>
- *The gentium-otf package. Support Gentium fonts for LuaLaTeX and Xe $\TeX$ .* 2025-07-15. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gentium-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/gentium-otf>
- *The heros-otf package. Using the OpenType fonts  $\TeX$  Gyre Heros>.* 2022-10-14. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/heros-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/heros-otf>
- *The hvarabic package. Macros for RTL typesetting.* 2025-11-11. Version 0.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hvarabic>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/hvarabic>
- *The hvextern package. Write and execute external code, and insert the output.* 2025-11-11. Version 0.42. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hvextern>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvextern>
- *The hvfloat package. Controlling captions, fullpage and doublepage floats.* 2025-12-29. Version 2.56. LICENSE: lppl. This package defines a macro to place objects (tables and figures) and their captions in different positions with different rotating angles within a float. All objects and captions can be framed. The main command is `hvf`; a simple example is `hvf`. Options are provided to place captions to the right or left, and rotated. Setting `nonFloat=true` results in placing the float here.  
 URL: <https://ctan.org/pkg/hvfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvfloat>
- *The hvindex package. Support for indexing.* 2025-01-24. Version 0.04a. LICENSE: lppl. The package simplifies the indexing of words using the command `hvindex`. With the package, to index a word in a text, you only have to type it once; the package makes sure it is both typeset and indexed.  
 URL: <https://ctan.org/pkg/hvindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvindex>
- *The hvlogos package. Print  $\TeX$ -related names as logo.* 2025-10-29. Version 0.16. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hvlogos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>
- *The hvpygmentex package. Syntax-Highlighting of program code.* 2022-03-08. Version 0.01. LICENSE: lppl1.3c. The package is based on `pygment` but provides an automatic run from within the document itself, with the option `hvpygmentex`. It does not need the additional action by the user to run the external program to create the code snippets.  
 URL: <https://ctan.org/pkg/hvpygmentex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvpygmentex>

- *The hvqrurl package. Insert a QR code in the margin.* 2024-05-26. Version 0.09. LICENSE: lppl1.3. This package allows to draw an URL as a QR code into the margin of a one- or twosided document. The following packages are loaded by default: , , and .  
 URL: <https://ctan.org/pkg/hvqrurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
- Voß, Herbert. *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit.* 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with \the writes the value and the unit without a space. Package isopt provides a macro which inserts a user defined space between number and unit.  
 URL: <https://ctan.org/pkg/isopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
- *The JuliaMono package. Support for the TrueType font JuliaMono.* 2025-01-10. Version 0.06. LICENSE: lppl1.3,ofl  
 URL: <https://ctan.org/pkg/juliamono>  
 MIRROR: <https://mirror.ctan.org/fonts/juliamono>
- *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
- *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X.* 2025-07-20. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib2-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
- *The LaTeX-Referenz package. Examples from the book “LaTeX Referenz”.* 2025-07-20. Version 2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-referenz>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
- *The latex-tabellen package. LaTeX Tabellen.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-tabellen>  
 MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>
- *The libertinus package. Wrapper to use the correct libertinus package according to the used T<sub>E</sub>X engine.* 2025-11-11. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus>
- *The libertinus-otf package. Support for Libertinus OpenType.* 2025-12-16. Version 0.34. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
- *The luafindfont package. Search fonts in the LuaTeX font database.* 2025-07-04. Version 0.16. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luafindfont>  
 MIRROR: <https://mirror.ctan.org/support/luafindfont>
- *The luaintro package. Examples from the book “Einführung in LuaTeX und LuaLaTeX”.* 2023-08-26. Version 0.03. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luaintro>  
 MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
- *The luarandom package. Create lists of random numbers.* 2023-11-13. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luarandom>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
- *The lucida-otf package. Support for the Lucida Bright fonts (OpenType).* 2025-12-10. Version 0.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lucida-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/lucida-otf>
- *The math-e package. Examples from the book Typesetting Mathematics with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/math-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
- *The mathesatz-examples package. Examples from the book “Mathematiksatz mit L<sup>A</sup>T<sub>E</sub>X”.* 2025-07-20. Version 3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathesatz-examples>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math>
- *The minted-code package. Predefined environments for typesetting L<sup>A</sup>T<sub>E</sub>X code with minted.* 2025-10-14. Version 0.01. LICENSE: lppl1.3. With package one can typeset L<sup>A</sup>T<sub>E</sub>X code with unicode characters. This package defines several environments to simplify the application.  
 URL: <https://ctan.org/pkg/minted-code>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minted-code>



- *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts.* 2019-06-21. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nexus-otf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>
- Voß, Herbert. *The pagella-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Pagella.* 2022-10-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pagella-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
- *The plex-otf package. Support for the OpenType font IBM Plex.* 2025-03-21. Version 0.11a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/plex-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
- *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin.* 2019-11-26. Version 0.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/powerdot-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
- *The presentations package. Examples from the book Presentationen mit T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
- *The presentations-en package. Examples from the book Presentations with T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)
- *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks.* 2023-11-01. Version 2.09. LICENSE: lppl. A package using to draw a large variety of graphs and plots, including 3D maths functions. Data can be read from external data files, making this package a generic tool for graphing within T<sub>E</sub>X/LaTeX, without the need for external tools.  
 URL: <https://ctan.org/pkg/pst-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
- *The pst-abspos package. Put objects at an absolute position.* 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
 URL: <https://ctan.org/pkg/pst-abspos>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
- *The pst-arrow package. Special arrows for PSTricks.* 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
 URL: <https://ctan.org/pkg/pst-arrow>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>
- *The pst-calculate package. Support for floating point operations at T<sub>E</sub>X level.* 2019-06-09. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pst-calculate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *The pst-dart package. Plotting dart boards.* 2021-09-11. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-dart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
- *The pst-exa package. Typeset PSTricks examples, with code.* 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
 URL: <https://ctan.org/pkg/pst-exa>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
- *The pst-feyn package. Draw graphical elements for Feynman diagrams.* 2018-09-29. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-feyn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
- *The pst-fourbarlinkage package. Draw articulated quadrilaterals.* 2025-12-27. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fourbarlinkage>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fourbarlinkage>
- *The pst-fp package. Fixed-point arithmetic in PSTricks.* 2016-06-24. Version 0.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fp>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
- *The pst-fractal package. Draw fractal sets using PSTricks.* 2022-10-13. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fractal>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
- *The pst-func package. PSTricks package for plotting mathematical functions.* 2024-03-31. Version 1.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-func>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>

- *The pst-gears package. Drawing internal and external gears.* 2025-12-27. Version 0.61. LICENSE: lppl. The macro allows, among other things, the drawing of a gear consisting of two or more external gears whose profile is an involute arc.  
URL: <https://ctan.org/pkg/pst-gears>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gears>
- Voß, Herbert. *The pst-graphics package. A PSTricks-compatible graphics for use with Plain TeX.* 2016-06-24. Version 0.02. LICENSE: lppl. The package provides a version of that avoids loading the graphics bundle's (original) package, which clashes with ' use of .  
URL: <https://ctan.org/pkg/pst-graphics>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-graphics>
- *The pst-hsb package. Curves with continuous colours.* 2023-04-02. Version 0.03. LICENSE: lppl. This is a -related package. It can plot lines and/or curves with continuous colours. Only colours defined in the hsb model are supported.  
URL: <https://ctan.org/pkg/pst-hsb>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>
- *The pst-kepler package. Models for Johannes Kepler's view of the world.* 2026-01-12. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-kepler>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-kepler>
- *The pst-knot package. PSTricks package for displaying knots.* 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-knot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>
- *The pst-lsystem package. Create images based on a L-system.* 2018-12-31. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-lsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>
- *The pst-massspring package. Create animations for two masses connected by a spring.* 2025-12-27. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-massspring>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-massspring>
- *The pst-nutation package. Rotation, precession, nutation of the earth.* 2025-12-27. Version 0.01. LICENSE: lppl. This package illustrates the concepts of rotation, precession, and nutation of the earth. pst-nutation defines the command to simulate the behaviour of the earth.  
URL: <https://ctan.org/pkg/pst-nutation>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-nutation>
- *The pst-poker package. Drawing poker cards.* 2025-07-09. Version 0.04a. LICENSE: lgpl3. This related package can create poker cards in various manners.  
URL: <https://ctan.org/pkg/pst-poker>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>
- *The pst-sphericaltrochoid package. Create animations of a spherical trochoid.* 2025-12-27. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-sphericaltrochoid>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-sphericaltrochoid>
- *The pst-support package. Assorted support files for use with PSTricks.* 2016-06-24. LICENSE: lppl. An appropriate set of job options, together with process scripts for use with /  
URL: <https://ctan.org/pkg/pst-support>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/pst-support>
- *The pst-tools package. PSTricks support functions.* 2021-09-24. Version 0.12. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-tools>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>
- *The pst-turtle package. Commands for "turtle operations".* 2019-10-05. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-turtle>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>
- *The pst-venn package. A PSTricks package for drawing Venn sets.* 2018-12-06. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-venn>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
- *The pstricks-examples package. PSTricks examples.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstricks-examples>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)
- *The pstricks-examples-7 package. PSTricks examples files of the 7th edition of the book PSTricks.* 2016-06-24. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-examples-7>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)

- Voß, Herbert. *The pstricks-examples-en package. Examples from PSTricks book (English edition)*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
- *The runDoc package. Automate the process of compiling (La)TeX documents with index, bibliography, ...* 2025-07-18. Version 0.02. LICENSE: lppl1.3. This package provides a small script like to run a  $\TeX$  or  $\LaTeX$  document controlled from within the document itself. The commands have to be defined at the beginning of the document, e.g.:  
 URL: <https://ctan.org/pkg/rundoc>  
 MIRROR: <https://mirror.ctan.org/support/rundoc>
  - *The runtexfile package. Automate the process of compiling (La)TeX documents with index, bibliography, ...* 2025-10-08. Version 0.06. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/runtexfile>  
 MIRROR: <https://mirror.ctan.org/support/runtexfile>
  - *The schola-otf package. Using the OpenType fonts  $\TeX$  Gyre schola*. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schola-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
  - *The spark-otf package. Support OpenType Spark fonts*. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/spark-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
  - *The tabulars-e package. Examples from the book “Typesetting tables with  $\LaTeX$ ”*. 2025-07-20. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tabulars-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/tabulars-e>
  - *The termes-otf package. Using the OpenType fonts  $\TeX$  Gyre Termes*. 2022-10-17. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/termes-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/termes-otf>
  - *The unitconv package. Convert a length into one with another unit*. 2025-11-11. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unitconv>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/unitconv>
  - *The voss-mathcol package. Typesetting mathematics in colour, in (La)TeX*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathcol>  
 MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
  - *The voss-mathmode package. A comprehensive review of mathematics in (La)TeX*. 2018-01-06. Version 2.47. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathmode>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
  - *The xfakebold package. Fake a regular font for bold characters*. 2023-12-10. Version 0.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfakebold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>
  - *The xhfill package. Extending \hrulefill*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides extended macros for the default command. It allows modification of the width and the colour of the line.  
 URL: <https://ctan.org/pkg/xhfill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xhfill>
  - *The xindex package. Unicode-compatible index generation*. 2025-08-02. Version 1.02. LICENSE: lppl1.3,mit  
 URL: <https://ctan.org/pkg/xindex>  
 MIRROR: <https://mirror.ctan.org/indexing/xindex>
  - *The xtufte package. Extend the tufte document classes to run with unicode-aware engines*. 2025-11-27. Version 0.03. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xtufte>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xtufte>
  - *The xurl package. Allow URL breaks at any alphanumerical character*. 2022-01-09. Version 0.10. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xurl>
- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pst-tree package. Trees, using PSTricks*. 2021-09-04. Version 1.14. LICENSE: lppl. pst-tree is a package that defines a macro which offers a structured way of joining nodes created using in order to draw trees.  
 URL: <https://ctan.org/pkg/pst-tree>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>

- *The pstricks-base package. PostScript macros for  $\TeX$ .* 2025-12-13. Version 3.22a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-base>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
- Voß, Herbert and Klaus Höppner. *The dantelogo package. A font for DANTE's logo.* 2016-06-24. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dantelogo>  
 MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits.* 2024-10-10. Version 2.20. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.  
 URL: <https://ctan.org/pkg/pst-circ>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via pdfTeX.* 2020-08-26. Version 0.20. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/pst2pdf>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>
- Voß, Herbert and Manuel Luque. *The pst-antiprism package. A PSTricks related package which draws an antiprism.* 2018-02-15. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-antiprism>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>
- *The pst-shell package. Plotting sea shells.* 2020-07-29. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-shell>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
- *The pst-spinner package. Drawing a fidget spinner.* 2023-02-22. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-spinner>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>
- Voß, Herbert and Rolf Niepraschk. *The dtk package. Document class for the journal of DANTE.* 2024-07-10. Version 2.10f. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dtk>  
 MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
- *The xltabular package. Longtable support with possible X-column specifier.* 2025-02-28. Version 2.0i. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xltabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xltabular>
- Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks.* 2023-04-17. Version 3.94. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstricks-add>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>
- Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc.* 2025-07-19. Version 1.08. LICENSE: lppl. Pst-coil is a based package for coils and zigzags and for coil and zigzag node connections.  
 URL: <https://ctan.org/pkg/pst-coil>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>
- *The pst-eps package. Create EPS files from PSTricks figures.* 2016-06-24. Version 1.0. LICENSE: lppl. Pst-eps is a -based package for exporting PSTricks images 'on the fly' to encapsulated PostScript (EPS) image files, which can then be read into a document in the usual way.  
 URL: <https://ctan.org/pkg/pst-eps>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>
- *The pst-grad package. Filling with colour gradients, using PSTricks.* 2016-06-24. Version 1.06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-grad>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>
- *The pst-text package. Text and character manipulation in PSTricks.* 2018-12-29. Version 1.02. LICENSE: lppl. Pst-text is a based package for plotting text along a different path and manipulating characters. It includes the functionality of the old package pst-char.  
 URL: <https://ctan.org/pkg/pst-text>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>

- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms*. 2021-08-26. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acroterm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acroterm>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams*. 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3  
 URL: <https://ctan.org/pkg/tkz-orm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L<sup>A</sup>T<sub>E</sub>X's verbatim package*. 2016-06-24. Version 0.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jvlisting>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
- Vozárik, Lajos. *The texinfo-hu package. Texinfo package for Hungarian language*. 2021-07-13. Version 1.01. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texinfo-hu>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/texinfo/contrib/texinfo-hu>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia*. 2024-10-25. Version 1.02. LICENSE: lppl1.3c. This package allows easy page layout if marginalia is required. Mid document changes are possible such as: new marginal width, full width text, and landscape text without marginal. Partners well with the package . The package also aids the layout for book printing, allowing for binding corrections and adding page bleed, if required.  
 URL: <https://ctan.org/pkg/flexipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flexipage>
- *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin*. 2025-02-18. Version 1.05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sidenotesplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns*. 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
 URL: <https://ctan.org/pkg/slhyph>  
 MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/matc3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
 URL: <https://ctan.org/pkg/matc3mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script*. 2025-11-11. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/akshar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/barcodes-vulis>  
 MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week"*. 2025-07-20. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/weekday>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code*. 2025-11-11. Version 1.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/businesscard-qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding*. 2021-09-16. Version 1.0. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/inline-images>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography*. 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>



- Wagner, Victor. *The catdoc package. Text extractor for word files.* 2016-06-24. Version 0.90. LICENSE: gpl  
 URL: <https://ctan.org/pkg/catdoc>  
 MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to “today”.* 2025-07-20. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in ), to save, set and restore the ‘current date’ and to print it. Intended use is, for example, in invoices “payable within 14 days from today”, etc. The package has only been tested with Czech dates.  
 URL: <https://ctan.org/pkg/advdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2024-02-16. Version 2024.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cnbwp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
 URL: <https://ctan.org/pkg/drawing>  
 MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.  
 URL: <https://ctan.org/pkg/ean13isbn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
  - *The fillform package. Typeset answers to overprint on printed forms.* 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/fillform>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
  - *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/makebarcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
  - *The ocr-b-outline package. OCR-B fonts in Type 1 and OpenType.* 2016-06-24. LICENSE: other-free. The package contains OCR-B fonts in Type1 and OpenType formats. They were generated from the Metafont sources of the . The metric files are not included here, so that original ocr-b package should also be installed.  
 URL: <https://ctan.org/pkg/ocr-b-outline>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-b-outline>
  - *The xevlna package. Insert non-breakable spaces using XeTeX.* 2025-10-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xevlna>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevlna>
  - *The zwgetfdate package. Get package or file date.* 2017-04-18. LICENSE: lppl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
 URL: <https://ctan.org/pkg/zwgetfdate>  
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 URL: <https://ctan.org/pkg/ifis-macros>  
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 URL: <https://ctan.org/pkg/plain-widow>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plain-widow>
- *The Transparent-IO package. Show for approval the filenames used in \input, \openin, or \openout*. 2022-08-14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/transparent-io>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/transparent-io>
- Werner, Carl-Gustav. *The allrunes package. Fonts and L<sup>A</sup>T<sub>E</sub>X package for almost all runes*. 2017-10-29. Version 2.1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/allrunes>  
 MIRROR: <https://mirror.ctan.org/fonts/allrunes>
- Werner, Eduard. *The sorhyph package. Upper Sorbian hyphenation patterns*. 2016-11-05. LICENSE: nocommercial. The package is superseded by the Upper Sorbian patterns available in the bundle.

- URL: <https://ctan.org/pkg/sorhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/sorhyph.tex>
- Werner, Matthias. *The seatingchart package. Generation of seating charts*. 2025-11-11. Version 0.5.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/seatingchart>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/seatingchart>
- Werschulz, Arthur G. *The ams2bib package. Convert AMS-TeX style bibliography entries to BibTeX*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ams2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/ams2bib>
- Wertenauer, Jochen. *The vhistory package. Support for creating a change log*. 2021-08-02. Version 1.8.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/vhistory>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vhistory>
- Wester, Michael and Jackie Damrau. *The address package. Generate form letters and address labels*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/address>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/address>
- Westphal, Bernd. *The lsc package. Typesetting Live Sequence Charts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lsc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lsc>
- Wette, Karl. *The autopdf package. Conversion of graphics to pdfLaTeX-compatible formats*. 2018-01-06. Version 1.1. LICENSE: lppl1.2.  
 The package facilitates the on-the-fly conversion of various graphics formats to formats supported by pdfLaTeX (e.g. PDF). It uses a range of external programs, and therefore requires that the  $\text{\LaTeX}$  run starts with enabled.  
 URL: <https://ctan.org/pkg/autopdf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/autopdf>
- *The emptypage package. Make empty pages really empty*. 2016-06-24. Version 1.2. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/emptypage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/emptypage>
- *The linenoamsmath package. Use the lineno package together with amsmath*. 2022-12-06. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/linenoamsmath>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/linenoamsmath>
- Wettstein, Andreas. *The authorindex package. Index citations by author names*. 2019-07-27. LICENSE: lppl  
 URL: <https://ctan.org/pkg/authorindex>  
 MIRROR: <https://mirror.ctan.org/indexing/authorindex>
- Weytjens, Johannes. *The linop package. Typeset linear operators as they appear in quantum theory or linear algebra*. 2016-06-24. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/linop>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/linop>
- Whaite, Peter. *The epsfig209 package. Obsolete graphics inclusion macros*. 2016-06-24. Version 1.20. LICENSE: noinfo. The package is a predecessor of the  $\text{\LaTeX}$ 2e, and has some undesirable properties, in current (LaTeX2e) use.  
 URL: <https://ctan.org/pkg/epsfig209>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/epsfig>
- Whieldon, Gwyneth. *The setdeck package. Typeset cards for Set*. 2016-06-24. Version 0.1. LICENSE: gpl3. The package will typeset cards for use in a game of .  
 URL: <https://ctan.org/pkg/setdeck>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/setdeck>
- White, Robert. *The identkey package. Typesetting bracketed dichotomous identification keys*. 2021-03-31. Version 0.1.0. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/identkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/identkey>
- White, Steve. *The gnu-freefont package. A Unicode font, with rather wide coverage*. 2023-10-20. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/gnu-freefont>  
 MIRROR: <https://mirror.ctan.org/fonts/gnu-freefont>
- Whited, Sam. *The contracard package. Generate calling cards for dances*. 2023-05-18. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/contracard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/contracard>
- *The poetrytex package. Typeset anthologies of poetry*. 2025-11-11. Version 3.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/poetrytex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poetrytex>

- Wichura, Michael. *The PicTeX package. Picture drawing macros for T<sub>E</sub>X and L<sub>A</sub>T<sub>E</sub>X*. 2021-06-11. Version 1.1b. LICENSE: lppl1. PicTeX is an early and very comprehensive drawing package that mostly draws by placing myriads of small dots to make up pictures. It has a tendency to run out of space; packages and deal with the problems in different ways.  
URL: <https://ctan.org/pkg/pictex>  
MIRROR: <https://mirror.ctan.org/graphics/pictex>
- Wichura, Michael and David Carlisle. *The wichura-table package. Table macros for plain T<sub>E</sub>X (and L<sub>A</sub>T<sub>E</sub>X)*. 2021-06-09. Version 1.0. LICENSE: lppl1  
URL: <https://ctan.org/pkg/wichura-table>  
MIRROR: <https://mirror.ctan.org/macros/generic/wichura-table>
- Wickerson, John. *The ribbonproofs package. Drawing ribbon proofs*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ribbonproofs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ribbonproofs>
- Wicks, Mark A. *The dvipdfm package. A DVI driver to produce PDF directly*. 2017-11-19. Version 0.13.2d. LICENSE: gpl2. The driver offers a wide range of commands (including a colour stack), and supports compression of data streams, etc. Note that the extended version will operate “as dvipdfm” if necessary.  
URL: <https://ctan.org/pkg/dvipdfm>  
MIRROR: <https://mirror.ctan.org/dviware/dvipdfm>
- Wiebusch, Martin. *The talk package. A L<sub>A</sub>T<sub>E</sub>X class for presentations*. 2025-09-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/talk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/talk>
- Wiedmann, Michael. *The tex-references package. References for T<sub>E</sub>X and Friends*. 2025-02-17. LICENSE: other-free  
URL: <https://ctan.org/pkg/tex-references>
- Wiegand, Sven. *The TeXnicCenter package. An IDE for L<sub>A</sub>T<sub>E</sub>X on MSWindows*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/texniccenter>  
MIRROR: <https://mirror.ctan.org/systems/win32/TeXnicCenter>
- Wieland, Andreas W. *The karnaugh package. Typeset Karnaugh-Veitch-maps*. 2016-11-25. LICENSE: lppl1  
URL: <https://ctan.org/pkg/karnaugh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/karnaugh>
- Wierda, Gerben. *The catalan package. Catalan hyphenation patterns*. 2016-11-05. LICENSE: lppl  
URL: <https://ctan.org/pkg/catalan>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/cahyph.tex>
- Wierda, Gerben, Sebastian Rahtz, Thomas Esser, Heiko Oberdiek, and Karl Berry. *The epstopdf package. Convert EPS to PDF using Ghostscript*. 2024-07-12. Version 2.36. LICENSE: other-free  
URL: <https://ctan.org/pkg/epstopdf>  
MIRROR: <https://mirror.ctan.org/support/epstopdf>
- Wiersma, Jacob. *The OneDown package. Typeset Bridge Diagrams*. 2023-12-08. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/onedown>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onedown>
- Wierzbicki, Tomasz. *The anttvf package. Virtual fonts for PostScript Antykwa Toruńska font*. 2016-06-24. LICENSE: pd. A collection of virtual fonts generated with 1.6, that provide a PostScript font ‘Antykwa Toruńska’ () in OT1, T1, TS1 and OT4 encodings, to be used with L<sub>A</sub>T<sub>E</sub>X2e.  
URL: <https://ctan.org/pkg/anttvf>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/anttvf>
- *The urwvf package. Support for use of free URW fonts*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/urwvf>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/urwvf>
- Wijn, Harold de. *The euro-ce package. Euro and CE sign font*. 2016-06-24. Version 3.0b. LICENSE: bsd  
URL: <https://ctan.org/pkg/euro-ce>  
MIRROR: <https://mirror.ctan.org/fonts/euro-ce>
- *The font\_selection package. Font selection for plain T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/font-selection>  
MIRROR: [https://mirror.ctan.org/macros/plain/contrib/font\\_selection](https://mirror.ctan.org/macros/plain/contrib/font_selection)
- Wijnhout, Jeroen and Pascal Brachet. *The kile package. A user friendly T<sub>E</sub>X/LaTeX editor for KDE*. 2017-04-18. Version 2.0. LICENSE: gpl

URL: <https://ctan.org/pkg/kile>

- Wilkinson, Michael. *The sciposter package. Make posters of ISO A3 size and larger.* 2016-06-24. Version 1.18. LICENSE: lpl  
URL: <https://ctan.org/pkg/sciposter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sciposter>
- *The sectionbox package. Create fancy boxed ((sub)sub)sections.* 2016-06-24. Version 1.01. LICENSE: lpl. Sectionbox is a  $\LaTeX$  package for putting fancy colored boxes around sections, subsections, and subsubsections, especially for use in posters, etc. It was designed with the class in mind, and certainly works with that class and with derived classes.  
URL: <https://ctan.org/pkg/sectionbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbox>
  - *The wallpaper package. Easy addition of wallpapers (background images) to  $\LaTeX$  documents, including tiling.* 2016-06-24. Version 1.10. LICENSE: lpl. This collection contains files to add wallpapers (background images) to  $\LaTeX$  documents. It uses the package, but provides simple commands to include effects such as tiling. An example is provided, which works under both  $\LaTeX$  and pdf $\LaTeX$ .  
URL: <https://ctan.org/pkg/wallpaper>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wallpaper>
- Willadt, Peter. *The barcodes package. Fonts for making barcodes.* 2016-07-15. LICENSE: lpl  
URL: <https://ctan.org/pkg/barcodes>  
MIRROR: <https://mirror.ctan.org/fonts/barcodes/willadt>
- *The labelmag package. Manage a collection of labels.* 2016-06-24. LICENSE: nosource  
URL: <https://ctan.org/pkg/labelmag>  
MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/labelmag>
  - *The latexwizard package. Create the header of a  $\LaTeX$  document.* 2016-06-24. Version 1.0 beta 4. LICENSE: noinfo  
URL: <https://ctan.org/pkg/latexwizard>  
MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/latexwizard>
  - *The pdflatexpicscale package. Support software for downscaling graphics to be included by pdf $\LaTeX$ .* 2024-10-25. Version 0.50. LICENSE: lpl  
URL: <https://ctan.org/pkg/pdflatexpicscale>  
MIRROR: <https://mirror.ctan.org/support/pdflatexpicscale>
- Williams, Graham and The CTAN Team. *The Catalogue package. A catalogue of what’s available on CTAN.* 2017-02-08. LICENSE: lpl  
URL: <https://ctan.org/pkg/catalogue>
- Williams, Peter. *The harvard-obsolete package. The Harvard bibliography style family.* 2025-10-29. LICENSE: noinfo  
URL: <https://ctan.org/pkg/harvard-obsolete>  
MIRROR: <https://mirror.ctan.org/obsolete/biblio/bibtex/contrib/harvard>
- *The williams package. Miscellaneous macros by Peter Williams.* 2018-12-23. LICENSE: lpl  
URL: <https://ctan.org/pkg/williams>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/williams>
- Williams, Peter and Thorsten Schnier. *The harvard package. Harvard citation package for use with  $\LaTeX$ 2 $\epsilon$ .* 2025-12-05. Version 2.0.5. LICENSE: lpl  
URL: <https://ctan.org/pkg/harvard>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harvard>
- Wilms, Jörn. *The revnum package. Reverse enumerate.* 2016-06-24. Version 1.0. LICENSE: noinfo. Provides a reverse-enumerate environment () in which items are numbered in reverse order.  
URL: <https://ctan.org/pkg/revnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revnum>
- Wilson, Peter R. *The aramaic package. Fonts for Aramaic script.* 2016-06-24. Version 1.2. LICENSE: lpl  
URL: <https://ctan.org/pkg/aramaic>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/aramaic>
- *The auncial package. Artificial Uncial manuscript book-hand font.* 2022-04-06. LICENSE: lpl  
URL: <https://ctan.org/pkg/auncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/auncial>
  - *The auncial-new package. Artificial Uncial font and  $\LaTeX$  support macros.* 2022-04-06. Version 2.0. LICENSE: lpl  
URL: <https://ctan.org/pkg/auncial-new>  
MIRROR: <https://mirror.ctan.org/fonts/auncial-new>

- *The blencoding package. LaTeX encoding tools for Bookhands fonts.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package characterises and defines the author’s B1 encoding for use with L<sup>A</sup>T<sub>E</sub>X when typesetting things using his fonts.  
URL: <https://ctan.org/pkg/blencoding>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blencoding>
- Wilson, Peter R. *The bookdb package. A BibTeX style file for cataloguing a home library.* 2025-10-29. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bookdb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bookdb>
- *The bookhands package. A collection of book-hand fonts.* 2025-10-28. LICENSE: lppl  
URL: <https://ctan.org/pkg/bookhands>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands>
- *The carolmin package. Carolingian Miniscule manuscript book-hand font.* 2025-10-28. LICENSE: lppl  
URL: <https://ctan.org/pkg/carolmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/carolmin>
- *The chbibref package. Change the Bibliography/References title.* 2016-06-24. Version 1.0. LICENSE: lppl. Defines a single command, `\chbibref`, which sets whichever of `\bibliography` and `\bibliographystyle` is in use. ( `\chbibref` is used in `book.cls` and `report.cls`, and is used in `article.cls`.)  
URL: <https://ctan.org/pkg/chbibref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chbibref>
- *The cypriot package. A script which was used on Cyprus for writing Greek.* 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/cypriot>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
- *The egothic package. Early Gothic manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/egothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/egothic>
- *The etruscan package. Fonts for the Etruscan script.* 2016-06-24. Version 2.1. LICENSE: lppl. The Etruscan script was in use between approximately 1000 BC and 100 AD. The font comes in mirrored forms suitable for writing either left-to-right or right-to-left (as the Etruscans did), and is provided in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/etruscan>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/etruscan>
- *The expressg package. Diagrams consisting of boxes, lines, and annotations.* 2016-06-24. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/expressg>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/expressg>
- *The flatten package. Flatten \input, etc., in a L<sup>A</sup>T<sub>E</sub>X file.* 2016-06-24. LICENSE: other-free. A program to flatten a L<sup>A</sup>T<sub>E</sub>X root file by copying and ed files into the root file.  
URL: <https://ctan.org/pkg/flatten>  
MIRROR: <https://mirror.ctan.org/support/flatten>
- *The greek4cbc package. A Greek font from 394BC.* 2016-06-24. Version 2.1. LICENSE: lppl. Provides a Greek monumental font as used on a stele in Athens in 394BC. The font consists of majuscules only and is in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/greek4cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek4cbc>
- *The greek6cbc package. A Greek font from the sixth century BC.* 2016-06-24. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/greek6cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek6cbc>
- *The hierog1f package. The “poor man’s” Egyptian Hieroglyphic font.* 2025-11-11. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hierog1f>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/hierog1f>
- *The humanist package. Humanist manuscript book-hand font.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/humanist>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/humanist>
- *The huncial package. Fonts based on the half Uncial manuscript book-hand.* 2016-07-29. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/huncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/huncial>
- *The inslrmaj package. Fonts based on the Insular Majuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/inslrmaj>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmaj>



- *The inslrmin package. Fonts based on the Insular Minuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/inslrmin>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>
- Wilson, Peter R. *The iso package. Generic ISO standards typesetting macros.* 2016-06-24. Version 2.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/iso>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
- *The iso10303 package. Typesetting the STEP standards.* 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.  
 URL: <https://ctan.org/pkg/iso10303>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
- *The isorot package. Rotation of document elements.* 2016-06-24. LICENSE: lppl. The package is for rotation of document elements. It is a combination of the package and an extension of the package. The package is designed for use with the but may be used with any normal class.  
 URL: <https://ctan.org/pkg/isorot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isorot>
- *The linearb package. Linear B script used in the Bronze Age for Mycenaean Greek.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linearb>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/linearb>
- *The ltx2x package. Replace L<sup>A</sup>T<sub>E</sub>X commands in a document by user-defined strings.* 2016-06-24. Version 0.92. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltx2x>  
 MIRROR: <https://mirror.ctan.org/support/ltx2x>
- *The metafp package. Some Experiences in Running Metafont and MetaPost.* 2016-06-18. LICENSE: nosource  
 URL: <https://ctan.org/pkg/metafp>  
 MIRROR: <https://mirror.ctan.org/info/metafont/metafp>
- *The nabatean package. Font for Nabatean script.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nabatean>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/nabatean>
- *The oands package. Glyphs used when transliterating ancient scripts.* 2016-06-18. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oands>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/oands>
- *The oldprsn package. Fonts old Persian cuneiform script.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oldprsn>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/oldprsn>
- *The pacioli package. Fonts designed by Fra Luca de Pacioli in 1497.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pacioli>  
 MIRROR: <https://mirror.ctan.org/fonts/pacioli>
- *The pgothic package. Fonts based on the Gothic Textura Presciscus manuscript book-hand.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pgothic>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/pgothic>
- *The phoenician package. Fonts for the Phoenician script in use from about 1600 BC.* 2016-06-24. Version 2.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phoenician>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/phoenician>
- *The protosem package. Fonts for proto-Semitic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the world's alphabets. This is one of a series of fonts.  
 URL: <https://ctan.org/pkg/protosem>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/protosem>
- *The rotunda package. Rotunda manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rotunda>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/rotunda>
- *The runic package. Fonts for Anglo-Saxon futhorc script.* 2016-06-24. Version 1.1. LICENSE: lppl. Fonts and macros for runic writing. The futhorc script remained in use in England until just after printing was established. This is one of a series of fonts.  
 URL: <https://ctan.org/pkg/runic>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/runic>

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- Xia, Mingyu. *The FadingImage package. Add full width fading pictures at the top or bottom of a page*. 2025-05-26. Version 0.3a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fadingimage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fadingimage>
- *The hduThesis package. LaTeX class for bachelor and MPhil theses in Hangzhou Dianzi University*. 2025-11-11. Version 1.1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hduthesis>
- *The LiteBook package. A fresh cover and chapter design for books*. 2025-05-26. Version 0.2b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/litebook>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/litebook>
- *The LiteSolution package. A  $\LaTeX$  class for typesetting solutions of problems in exams, textbooks, etc.* 2025-05-26. Version 2.4a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/litesolution>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/litesolution>
- *The LXGW-fonts package. A CJK font family with a comprehensive character set*. 2026-01-18. Version 1.521M. LICENSE: ofl  
URL: <https://ctan.org/pkg/lxgw-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/lxgw-fonts>
- *The NoteBeamer package. A template for printing presentations on notepaper*. 2025-11-15. Version 4.5B. LICENSE: lppl1.3c. This package provides an easy way to input slides on note pages quickly, developed by based on and .  
URL: <https://ctan.org/pkg/notebeamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notebeamer>
- *The thmlist package. A  $\LaTeX$  package for adding theorem environments quickly*. 2025-05-26. Version 0.1b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/thmlist>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/thmlist>
- *The whatsnote package. A  $\LaTeX$  class for taking notes in science, engineering, etc.* 2025-11-12. Version 5.0B. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/whatsnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/whatsnote>
- Xia, Mingyu and Zongping Ding. *The char2path package. A  $\LaTeX$  package that converts characters into TikZ paths*. 2025-11-11. Version 1.0.0. LICENSE: lppl1.3c. This -based  $\LaTeX$  package provides an easy way to convert characters to TikZ-paths representing these characters.  
URL: <https://ctan.org/pkg/char2path>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/char2path>
- Xia, Mingyu and Lijun Guo. *The LiteTable package. Class schedules with colorful course blocks*. 2025-11-15. Version 3.8C. LICENSE: lppl1.3c. This package provides a colorful timetable design, developed using , and based on .  
URL: <https://ctan.org/pkg/litetable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/litetable>
- Xiang, Ziyue. *The luaprohtable package. Programmable table interface for LuaLaTeX*. 2020-08-18. Version 1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/luaprohtable>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaprohtable>
- *The smart-eqn package. Automatic math symbol styling for  $\LaTeX$  documents*. 2025-11-11. Version 1.0. LICENSE: lppl1.3c. In  $\LaTeX$  typesetting, one usually needs to use different variants of a math symbol to clarify the meanings. For example, in linear algebra

literature, it is common to use boldfaced symbols to represent vectors, and normal symbols to represent scalars. However, applying these variants by typing , commands manually can be daunting. This package aims to provide an automatic and customizable approach for math symbol styling which eliminates the need to enter style commands repeatedly.

URL: <https://ctan.org/pkg/smart-eqn>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smart-eqn>

Xing, Zhaopeng, Louis Stuart, Xiangdong Zeng, and Tingxuan Zhang. *The lshort-zh-cn package. Introduction to L<sup>A</sup>T<sub>E</sub>X, in Chinese*. 2024-12-18. Version 6.05. LICENSE: fdl. A Chinese edition of the , with additional information of typesetting Chinese language.

URL: <https://ctan.org/pkg/lshort-zh-cn>

MIRROR: <https://mirror.ctan.org/info/lshort/chinese>

Xiong, Yu. *The njuvisual package. Display logos related to Nanjing University*. 2025-11-11. Version 0.3.0. LICENSE: lppl1.3c. The package collects standard colors and logos related to Nanjing University, saves the vector logos as pictures and provides a user-friendly interface to display them in documents and beamers.

URL: <https://ctan.org/pkg/njuvisual>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/njuvisual>

XU, Jinwen. *The beaulivre package. Write your books in a colorful way*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/beaulivre>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/beaulivre>

— *The cleveref-forward package. Forward-referencing functionality for cleveref*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/cleveref-forward>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cleveref-forward>

— *The colorist package. Write your articles or books in a colorful way*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/colorist>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorist>

— *The create-theorem package. Initializing and configuring theorem-like environments, with multilingual support*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/create-theorem>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/create-theorem>

— *The crefthe package. Cross referencing with proper definite articles and declensions*. 2025-11-11. LICENSE: lppl1.3c. By default, when using cleveref's to reference theorem-like environments, the names do not contain definite articles. In languages such as French, Italian, Portuguese, Spanish, etc. this results in incorrect grammar. For this purpose, the current package offers , which handles the definite articles properly (especially for the article contractions in many European languages).

URL: <https://ctan.org/pkg/crefthe>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crefthe>

— *The einfart package. Write your articles in a simple and clear way*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/einfart>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/einfart>

— *The homework package. A L<sup>A</sup>T<sub>E</sub>X class for writing your homework*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/homework>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/homework>

— *The jwjournal package. A personal class for writing journals*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/jwjournal>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jwjournal>

— *The lebhart package. Write your articles in a colorful way*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/lebhart>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/lebhart>

— *The mindflow package. Write your ideas in a clear way*. 2022-12-10. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/mindflow>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mindflow>

— *The minimalist package. Write your articles or books in a simple and clear way*. 2025-11-11. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/minimalist>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minimalist>

— *The multifootnote package. Multiple numbers for the same footnote*. 2024-03-24. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/multifootnote>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multifootnote>

— *The ProjLib package. A collection of facilitative tools*. 2019-01-01. LICENSE: lppl1.3c. ProjLib is a collection of tools to help you write L<sup>A</sup>T<sub>E</sub>X documents. With the main package loaded, you no longer need to set up the theorem-like environments, nor to

- manually configure the appropriate multilingual settings. In addition, a series of auxiliary functionalities are introduced.  
 URL: <https://ctan.org/pkg/projlib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/projlib>
- XU, Jinwen. *The Q-and-A package*. Typesetting Q&A-style conversation made easier. 2025-11-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/q-and-a>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/q-and-a>
- *The simplivre package*. Write your books in a simple and clear way. 2025-11-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/simplivre>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/simplivre>
- Xue, Ruini. *The zebra-goodies package*. A collection of handy macros for paper writing. 2023-03-15. Version 0.8.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/zebra-goodies>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zebra-goodies>
- Xue, Ruini and Tsinghua University TUNA Association. *The thuthesis package*. Thesis template for Tsinghua University. 2025-03-28. Version 7.6.0. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thuthesis>
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 URL: <https://ctan.org/pkg/mcf2graph>  
 MIRROR: <https://mirror.ctan.org/graphics/mcf2graph>
- Yamamoto, Munehiro. *The graphicxpsd package*. Adobe Photoshop Data format (PSD) support for graphicx package. 2021-01-06. Version 1.2. LICENSE: mit. This package provides Adobe Photoshop Data format (PSD) support for the package with the (Darwin/macOS) or (ImageMagick) command.  
 URL: <https://ctan.org/pkg/graphicxpsd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxpsd>
- *The runtexshebang package*. A Lua script running  $\text{\LaTeX}$  document files with  $\text{\TeX}$ -style shebang. 2023-11-17. Version 0.5. LICENSE: mit  
 URL: <https://ctan.org/pkg/runtexshebang>  
 MIRROR: <https://mirror.ctan.org/support/runtexshebang>
- Yamamoto, Munehiro and Unknown. *The gckanbun package*. Kanbun typesetting for (u)pLaTeX and LuaLaTeX. 2026-01-08. Version 2.2.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/gckanbun>  
 MIRROR: <https://mirror.ctan.org/language/japanese/gckanbun>
- Yamashita, Hironobu. *The arphic-ttf package*. TrueType version of Chinese Arphic fonts. 2016-12-17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/arphic-ttf>  
 MIRROR: <https://mirror.ctan.org/fonts/arphic-ttf>
- *The chemobabel package*. Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel. 2022-10-22. Version 0.9l. LICENSE: bsd2  
 URL: <https://ctan.org/pkg/chemobabel>  
 MIRROR: <https://mirror.ctan.org/graphics/chemobabel>
  - *The endnotesj package*. Japanese-style endnotes. 2018-05-15. Version 3.0. LICENSE: bsd3. This package provides customized styles for endnotes to be used with Japanese documents. It can be used on , , and LuaLaTeX ().  
 URL: <https://ctan.org/pkg/endnotesj>  
 MIRROR: <https://mirror.ctan.org/language/japanese/endnotesj>
  - *The gentombow package*. Generate Japanese-style crop marks. 2022-09-10. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/gentombow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gentombow>
  - *The mathfam256 package*. Extend math family up to 256 for pLaTeX/upLaTeX/Lamed. 2020-01-23. Version 0.5. LICENSE: bsd3. This package increases the upper limit of math symbols up to 256, using primitives. These primitives were originally introduced in Omega and are currently available in the following formats:  
 URL: <https://ctan.org/pkg/mathfam256>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>
  - *The platex-tools package*. pLaTeX standard tools bundle. 2024-08-18. LICENSE: bsd3. This bundle is an extended version of the bundle developed by the  $\text{\LaTeX}$  team, mainly intended to support and . Currently patches for the bundle and Martin Schröder's bundle are included.  
 URL: <https://ctan.org/pkg/platex-tools>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/platex-tools>

- *The plautopatch package. Automated patches for pLaTeX/upLaTeX.* 2022-07-31. Version 0.9q. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/plautopatch>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/plautopatch>
- Yamashita, Hironobu. *The pxtatescale package. Patch to graphics driver for scaling in vertical direction of pTeX.* 2022-07-20. Version 0.4. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxtatescale>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxtatescale>
- *The scsnowman package. Snowman variants using TikZ.* 2023-02-23. Version 1.3c. LICENSE: bsd2  
 URL: <https://ctan.org/pkg/scsnowman>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scsnowman>
- Yamashita, Hironobu and Dag Langmyhr. *The dviinfox package. Perl script to print DVI meta information.* 2021-05-15. Version 1.06. LICENSE: mit  
 URL: <https://ctan.org/pkg/dviinfox>  
 MIRROR: <https://mirror.ctan.org/dviware/dviinfox>
- Yanai, Shimon and Daniel Berry. *The mf2ps package. Modification of Metafont to produce PostScript output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mf2ps>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2ps>
- Yang, Jingxuan. *The hitszbeamer package. A beamer theme for Harbin Institute of Technology, ShenZhen.* 2020-04-11. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hitszbeamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hitszbeamer>
- *The HITSZThesis package. A dissertation template for Harbin Institute of Technology, ShenZhen.* 2021-11-16. Version 3.2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hitszthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitszthesis>
- *The thubeamer package. A beamer theme for Tsinghua University.* 2021-11-16. Version 1.1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/thubeamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/thubeamer>
- Yang, Yang. *The metapost-matlab package. MetaPost data plotting in Matlab style.* 2025-11-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/metapost-matlab>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/matlab>
- Yang, Yuchang. *The edichokey package. Typeset dichotomous identification keys.* 2020-08-31. Version 2.01y. LICENSE: lppl1.3c. This is a  $\text{\LaTeX}$  package for typesetting dichotomous identification key in indented style. It can be considered as an extended version of package `edichokey`, as `edichokey` is more capable of dealing with complex keys.  
 URL: <https://ctan.org/pkg/edichokey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edichokey>
- *The nanicolle package. Typesetting herbarium specimen labels.* 2020-08-31. Version 2.03y. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nanicolle>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/nanicolle>
- *The rulerbox package. Draw rulers around a box.* 2019-05-06. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rulerbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
- *The tetragonos package. Four-Corner codes of Chinese characters.* 2019-01-17. Version 1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tetragonos>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/tetragonos>
- Yanshuo, Chu. *The hithesis package. Harbin Institute of Technology Thesis Template.* 2022-07-29. Version 2.0.11. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/hithesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hithesis>
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 URL: <https://ctan.org/pkg/hershey>  
 MIRROR: <https://mirror.ctan.org/fonts/hershey>
- Yasko, Nick. *The javascript\_TeXed package. Small MiKTeX-editor for Win32 Intel platform.* 2025-11-11. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/javascript-texed>  
 MIRROR: [https://mirror.ctan.org/support/javascript\\_TeXed](https://mirror.ctan.org/support/javascript_TeXed)



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 URL: <https://ctan.org/pkg/slashbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slashbox>
- Yato, Takayuki. *The BXbase package. BX bundle base components*. 2023-02-23. Version 1.2a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxbase>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxbase>
- Yato, Takayuki. *The bxcalc package. Extend the functionality of the calc package*. 2022-07-31. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>
- *The bxcjkatype package. Typeset Japanese with pdfLaTeX and CJK*. 2023-07-22. Version 0.5. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcjkatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxcjkatype>
  - *The bxcoloremoji package. Use color emojis more conveniently*. 2024-11-18. Version 1.0a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcoloremoji>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxcoloremoji>
  - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer*. 2016-12-18. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdpx-beamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
  - *The bxdvidriver package. Enables specifying a driver option effective only in DVI output*. 2022-07-31. Version 0.2a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdvidriver>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
  - *The bxepic package. Epic facilities using pict2e*. 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.  
 URL: <https://ctan.org/pkg/bxepic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxepic>
  - *The bxenclose package. Enclose the document body with some pieces of code*. 2022-07-31. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxenclose>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxenclose>
  - *The BXjalipsum package. Dummy text in Japanese*. 2023-07-13. Version 1.0a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjalipsum>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
  - *The BXjaprnind package. Adjust the position of parentheses at paragraph head*. 2021-06-19. Version 0.4a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjaprnind>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaprnind>
  - *The bxjatoucs package. Convert Japanese character code to Unicode*. 2024-07-26. Version 0.3a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjatoucs>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
  - *The BXjsc1s package. Japanese document class collection for all major engines*. 2025-06-07. Version 2.9d. LICENSE: bsd2. This package provides an extended version of the Japanese document class collection provided by . While the original version supports only pLaTeX and upLaTeX, the extended version also supports pdfLaTeX, XeLaTeX and LuaLaTeX, with the aid of suitable packages that provide capability of Japanese typesetting.  
 URL: <https://ctan.org/pkg/bxjsc1s>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjsc1s>
  - *The bxnewfont package. Enhanced \newfont command*. 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
 URL: <https://ctan.org/pkg/bxnewfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
  - *The bxorigcapt package. To retain the original caption names when using Babel*. 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names (, , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.  
 URL: <https://ctan.org/pkg/bxorigcapt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>

- *The bxpapersize package*. Synchronize output paper size with layout paper size. 2022-04-29. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpapersize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
- *The bxpdfver package*. Specify version and compression level of output PDF files. 2025-02-18. Version 0.8a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
- Yato, Takayuki. *The bxtexlogo package*. Additional  $\TeX$ -family logos. 2022-05-05. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
- *The bxwareki package*. Convert dates from Gregorian to Japanese calendar. 2023-07-08. Version 0.7. LICENSE: mit  
URL: <https://ctan.org/pkg/bxwareki>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
- *The ifptex package*. Check if the engine is pTeX or one of its derivatives. 2023-04-08. Version 2.2c. LICENSE: mit. The package is a counterpart of `ifxetex`, etc. for the engine. The package is an alias to `provided` for backward compatibility.  
URL: <https://ctan.org/pkg/ifptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
- *The ipaex-type1 package*. IPAex fonts converted to Type-1 format Unicode subfonts. 2018-05-13. Version 0.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/ipaex-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ipaex-type1>
- *The jfmutil package*. Utility to process pTeX-extended TFM and VF. 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in `fontspec`. The functions currently available include:  
URL: <https://ctan.org/pkg/jfmutil>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>
- *The pxbase package*. Tools for use with (u)pLaTeX. 2023-02-26. Version 1.4. LICENSE: mit. The main purpose of this package is to provide auxiliary functions which are utilized by other packages created by the same author. It also provides a few user commands to assist in creating Japanese documents using `fontspec`.  
URL: <https://ctan.org/pkg/pxbase>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxbase>
- *The pxchfon package*. Japanese font setup for pLaTeX and upLaTeX. 2024-08-23. Version 2.2. LICENSE: mit  
URL: <https://ctan.org/pkg/pxchfon>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>
- *The pxcjkcat package*. LaTeX interface for the CJK category codes of upTeX. 2025-02-19. Version 1.6. LICENSE: mit  
URL: <https://ctan.org/pkg/pxcjkcat>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>
- *The pxjahyper package*. Hyperref support for pLaTeX. 2024-08-25. Version 1.5. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjahyper>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjahyper>
- *The pxjodel package*. Help change metrics of fonts from japanese-otf. 2025-09-14. Version 0.3a. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjodel>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>
- *The pxpgfmark package*. e-pTeX driver for PGF inter-picture connections. 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/pxpgfmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>
- *The pxrubrica package*. Ruby annotations according to JIS X 4051. 2023-03-02. Version 1.3e. LICENSE: mit  
URL: <https://ctan.org/pkg/pxrubrica>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxrubrica>
- *The pxufont package*. Emulate non-Unicode Japanese fonts using Unicode fonts. 2023-07-07. Version 0.7. LICENSE: mit  
URL: <https://ctan.org/pkg/pxufont>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxufont>
- *The zxjafbfont package*. Fallback CJK font support for XeLaTeX. 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjafbfont>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjafbfont>
- *The ZXjafont package*. Set up Japanese font families for XeLaTeX. 2022-03-21. Version 1.3. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjafont>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjafont>

- *The ZXjatype package. Standard conforming typesetting of Japanese, for Xe<sub>La</sub>TeX.* 2020-01-21. Version 0.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/zxjatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjatype>
- Yavuz, Volkan. *The glosstex package. Prepare glossaries in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: gpl. GlossTeX is a tool for the automatic preparation of glossaries, lists of acronyms and sorted lists in general for use with L<sup>A</sup>T<sub>E</sub>X and MakeIndex. GlossTeX combines the functionality of and and provides some new features. Various binaries are available in the bin subdirectory.  
 URL: <https://ctan.org/pkg/glosstex>  
 MIRROR: <https://mirror.ctan.org/support/glosstex>
- Ye, Lei. *The uowthesis package. Document class for dissertations at the University of Wollongong.* 2016-06-24. Version 1.0a. LICENSE: l<sup>a</sup>TeX 2.0.13  
 URL: <https://ctan.org/pkg/uowthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uowthesis>
- Yi, Qu. *The dashrulex package. Draw dashed rules.* 2025-11-11. Version 1.02d. LICENSE: cc-by-4. This package provides a flexible solution for drawing dashed rules in the body. It currently provides two commands, and . It is written in L<sup>A</sup>T<sub>E</sub>X 3 and can be used as an alternative to the package.  
 URL: <https://ctan.org/pkg/dashrulex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrulex>
- *The easybook package. Easily typesetting Chinese theses or books.* 2025-11-11. Version 2025ae. LICENSE: l<sup>a</sup>TeX 2.0.13c. is a pure academic template created based on the book document class. It also has the functions of and document class. Combined with the general framework design of the dissertation of many universities in China, providing multiple commands and interfaces allows users to easily customize the thesis template. Its basic macro package can also be used with C<sub>T</sub>EX and standard document classes.  
 URL: <https://ctan.org/pkg/easybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easybook>
- *The passopt package. Passing options to packages or classes.* 2025-11-11. Version 1.01c. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/passopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/passopt>
- *The spbmark package. Customize superscripts and subscripts.* 2025-11-11. Version 1.46y. LICENSE: cc-by-4. This package provides three commands , and to improve the layout of superscripts and subscripts which can be adjusted with respect to relative position and format, and can be used in text and math mode.  
 URL: <https://ctan.org/pkg/spbmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spbmark>
- Yin, Zhenhao. *The hfutthesis package. LaTeX Thesis Template for Hefei University of Technology.* 2024-12-24. Version 1.0.4. LICENSE: l<sup>a</sup>TeX 2.0.13c. This project is based on the L<sup>A</sup>T<sub>E</sub>X template of Hefei University of Technology compiled on the basis of , in accordance with the latest version of and .  
 URL: <https://ctan.org/pkg/hfutthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hfutthesis>
- You, Jiarui. *The qyxf-book package. Book Template for Qian Yuan Xue Fu.* 2025-05-26. Version 3.1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/qyxf-book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qyxf-book>
- Young, Joel D. *The afthesis package. Air Force Institute of Technology thesis class.* 2016-06-24. Version 2.7. LICENSE: pd  
 URL: <https://ctan.org/pkg/afthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/afthesis>
- Yuan, Xu. *The seuthesis package. LaTeX template for theses at Southeastern University.* 2018-04-05. Version 2.1.2. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/seuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seuthesis>
- Yuan, Xu and The PGF/TikZ Team. *The pgf-umlcd package. Some L<sup>A</sup>T<sub>E</sub>X macros for UML Class Diagrams.* 2022-05-22. Version 0.3. LICENSE: gpl2, l<sup>a</sup>TeX 2.0.13c  
 URL: <https://ctan.org/pkg/pgf-umlcd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-umlcd>
- Zabelin, Anatoly A. *The hoffset-voffset package. Calculate values for \hoffset and \voffset.* 2016-06-24. LICENSE: l<sup>a</sup>TeX 2.0.13  
 URL: <https://ctan.org/pkg/hoffset-voffset>  
 MIRROR: <https://mirror.ctan.org/support/hoffset-voffset>
- Zaccone, Rick. *The excalibur package. Macintosh spell checker.* 2017-04-18. Version 4.0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/excalibur>  
 MIRROR: <https://mirror.ctan.org/systems/mac/support/excalibur>

- Zach, Richard. *The bussproofs-extra package. Extra commands for bussproofs.sty*. 2019-06-02. Version 0.4. LICENSE: lppl1.3c. This package provides additional functionality for ; specifically, it allows for typesetting of entire (sub)deductions.  
 URL: <https://ctan.org/pkg/bussproofs-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
- *The fitch package. LaTeX macros for Fitch-style natural deduction*. 2023-12-17. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitch>
- Zach, Richard. *The keyindex package. Index entries by key lookup*. 2019-05-01. Version 1.0. LICENSE: lppl1.3c. The package provides functionality for producing an index without directly entering index entries into the text using the command, but instead by looking up short keys and printing a predefined string in the main text and adding a corresponding index entry. The standard use case is the production of an index of names.  
 URL: <https://ctan.org/pkg/keyindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>
- *The lplfitch package. Fitch-style natural deduction proofs*. 2023-09-05. Version 0.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lplfitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>
  - *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)*. 2019-05-01. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ptolemaicastronomy>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ptolemaicastronomy>
  - *The ucalgmthesis package. LaTeX thesis class for University of Calgary Faculty of Graduate Studies*. 2023-03-19. LICENSE: mit  
 URL: <https://ctan.org/pkg/ucalgmthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucalgmthesis>
- Zachhuber, Jonathan. *The geschichtsfkrl package. BibLaTeX style for historians*. 2016-09-21. Version 1.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/geschichtsfkrl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/geschichtsfkrl>
- Zadka, Moshe. *The viiptart package. 7pt-article class*. 2016-06-24. Version 0.1. LICENSE: other-free. An article-like document class whose is 7pt rather than 10pt.  
 URL: <https://ctan.org/pkg/viiptart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/viiptart>
- Zafeirakopoulos, Zafeirakis. *The polyhedra package. A TikZ package for drawing polyhedra*. 2023-11-17. Version 0.3. LICENSE: lppl1.3c. This package provides macros for creating polyhedral objects in 2D and 3D. It requires and . The macros provided can be used for drawing vertices, edges, rays, polygons and cones.  
 URL: <https://ctan.org/pkg/polyhedra>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/polyhedra>
- Zahumensky, Adam. *The kanaparser package. Kana parser for LuaTeX*. 2018-06-24. Version 1.0. LICENSE: bsd  
 URL: <https://ctan.org/pkg/kanaparser>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>
- Zaia, Emilio Augusto Lazo. *The elzcards package. Typeset business cards, index cards and flash cards easily*. 2019-08-17. Version 1.60. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/elzcards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elzcards>
- *The factura package. Typeset and calculate invoices according to Venezuelan law*. 2022-01-22. Version 4.32. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/factura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/factura>
- Zaitseff, John. *The unswthesis package. UNSW theses*. 2016-06-24. Version 1.6a. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/unswthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unswthesis>
- Zakharevich, Ilya. *The mathsci2bibtex package. Convert Mathsci database information to BibTeX*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathsci2bibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/mathsci2bibtex>
- *The tex2mail package. Converts TeX to mailable "ASCII art"*. 2025-07-20. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tex2mail>  
 MIRROR: <https://mirror.ctan.org/support/tex2mail>



- Zalmstra, Joost. *The figplace package. Floating figures in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figplace>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/figplace.tex>
- Zandt, Timothy Van. *The fancybox package. Variants of \fbox and other games with boxes*. 2016-06-24. Version 1.4. LICENSE: lppl1.2.  
 Provides variants of : , , , with helpful tools for using box macros and flexible verbatim macros. You can box mathematics, floats, center, flushleft, and flushright, lists, and pages.  
 URL: <https://ctan.org/pkg/fancybox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
- Zandt, Timothy Van. *The poster-mac package. Make posters and banners with T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/poster-mac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poster>
- Zandt, Timothy Van, Rolf Niepraschk, and Herbert Voß. *The multido package. A loop facility for Generic T<sub>E</sub>X*. 2018-09-15. Version 1.42. LICENSE: lppl. The package provides the command, which was originally designed for use with . Fixed-point arithmetic is used when working on the loop variable, so that the package is equally applicable in graphics applications like PSTricks as it is with the more common integer loops.  
 URL: <https://ctan.org/pkg/multido>  
 MIRROR: <https://mirror.ctan.org/macros/generic/multido>
- Zandt, Timothy Van, Sebastian Rahtz, Denis Girou, and Herbert Voß. *The seminar package. Make overhead slides*. 2021-07-01. Version 1.63a. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/seminar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seminar>
- Zandt, Timothy Van, Michael Sharpe, and Herbert Voß. *The pst-node package. Nodes and node connections in PSTricks*. 2024-07-11. Version 1.45. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-node>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-node>
- Zandt, Timothy Van and Herbert Voß. *The colortab package. Shade cells of tables and halign*. 2018-01-06. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortab>  
 MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
- *The frame package. Framed boxes for Plain T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: lppl. A jiffy file (taken from ) for placing a frame around a box of text. The macros also provide for typesetting an empty box of given dimensions.  
 URL: <https://ctan.org/pkg/frame>  
 MIRROR: <https://mirror.ctan.org/macros/generic/frame>
  - *The pst-3d package. A PSTricks package for tilting and other pseudo-3D tricks*. 2016-06-24. Version 1.10. LICENSE: lppl. The package provides basic macros that use for shadows, tilting and three dimensional representations of text or graphical objects.  
 URL: <https://ctan.org/pkg/pst-3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
  - *The pst-ovl package. Create and manage graphical overlays*. 2020-05-01. Version 0.07b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-ovl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
  - *The pst-plot package. Plot data using PSTricks*. 2022-12-14. Version 1.94. LICENSE: lppl. The package provides plotting of data (typically from external files), using . Plots may be configured using a wide variety of parameters.  
 URL: <https://ctan.org/pkg/pst-plot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>
  - *The pst-tvz package. Draw trees with more than one root node, using PSTricks*. 2026-01-03. Version 1.02. LICENSE: lppl1.3. The package uses PSTricks to draw trees with more than one root node. It is similar to , though it uses a different placement algorithm.  
 URL: <https://ctan.org/pkg/pst-tvz>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
  - *The twoup-gen package. Macros to print two-up*. 2020-05-09. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/twoup-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/2up>
  - *The xcomment package. Allows selected environments to be included/excluded*. 2024-11-03. Version 1.40. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xcomment>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcomment>
- Zandt, Timothy Van, Herbert Voß, Denis Girou, Sebastian Rahtz, and Niall Mansfield. *The fancyvrb package. Sophisticated verbatim text*. 2025-07-29. Version 4.6. LICENSE: lppl1.3



- URL: <https://ctan.org/pkg/fancyvrb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyvrb>
- Zannarini, Emanuele and Mauro Sacchetto. *The l2tabu-italian package. Italian Translation of Obsolete packages and commands.* 2016-06-24. Version 2.3. LICENSE: other-free. Italian translation of the practical guide to  $\text{\LaTeX}$ 2 $\epsilon$  (a list of obsolete packages and commands).  
URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package. DJGPP-based version of  $\text{\TeX}$  for MS-DOS.* 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package. Assorted macros for Physicists.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package. Render nahuatl glyphs.* 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts.* 2016-06-24. LICENSE: lppl. This package provides a  $\text{\LaTeX}$  mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package. Macros for supporting mainly students of FNSPE CTU in Prague.* 2017-09-20. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Qirui. *The terminalcode package. Terminal-style code display with ANSI colors, UTF-8 box-drawing, and dark/light themes.* 2021-09-11. Version 0.9.0. LICENSE: mit  
URL: <https://ctan.org/pkg/terminalcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/terminalcode>
- Zeng, Xiangdong. *The emoji package. Emoji support in (Lua)LaTeX.* 2025-11-11. Version 0.2.2. LICENSE: lppl1.3c. This package allows users to typeset emojis in  $\text{\LaTeX}$  documents. It requires the LuaHB $\text{\TeX}$  engine, which can be called by since  $\text{\TeX}$  Live 2020, or in  $\text{\TeX}$  Live 2019.  
URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
- *The fduthesis package. LaTeX thesis template for Fudan University.* 2023-05-27. Version 0.9a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
- *The firamath package. Fira sans serif font with Unicode math support.* 2020-10-15. Version 0.3.4. LICENSE: ofl. Fira Math is a sans-serif font with Unicode math support. The design of this font is based on and . Fira Math is distributed in OpenType format and can be used with the package under X $\text{\LaTeX}$  or LuaLa $\text{\TeX}$ . More support is offered by the package.  
URL: <https://ctan.org/pkg/firamath>  
MIRROR: <https://mirror.ctan.org/fonts/firamath>
- *The noto-emoji package. Noto Emoji fonts.* 2022-03-22. Version 2.034. LICENSE: ofl  
URL: <https://ctan.org/pkg/noto-emoji>  
MIRROR: <https://mirror.ctan.org/fonts/noto-emoji>
- *The twemoji-colr package. Twemoji font in COLR/CPAL layered format.* 2025-05-21. Version 0.7.0. LICENSE: cc-by-sa-4,apache2. This is a COLR/CPAL-based color OpenType font from the collection of emoji images.  
URL: <https://ctan.org/pkg/twemoji-colr>  
MIRROR: <https://mirror.ctan.org/fonts/twemoji-colr>
- *The zhlipsum package. Chinese dummy text.* 2020-04-26. Version 1.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zhlipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhlipsum>
- Zeng, Xuwang. *The emotion package. Make emojis more easy to use in X $\text{\LaTeX}$  and LuaLa $\text{\TeX}$ .* 2025-11-11. Version 0.2. LICENSE: apache2. There are many emojis with long names, and we cannot remember them all. At the same time, when we type an emoji, we want to see what it looks like in text editor. Now, you do not need to remember the emoji name, just select it from the keyboard and wrap it with . Unlike other emoji packages, you can thus use emojis more easily and flexibly.

URL: <https://ctan.org/pkg/emotion>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/emotion>

Zhang, Gary. *The chs-physics-report package. Physics lab reports for Carmel High School*. 2018-09-06. LICENSE: pd,cc-by-sa-3  
URL: <https://ctan.org/pkg/chs-physics-report>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chs-physics-report>

Zhang, Linbo, Wenchang Sun, and Qing Lee. *The cjkpunct package. Adjust locations and kerning of CJK punctuation marks*. 2025-11-11. Version 4.8.4. LICENSE: lppl1.3. The package serves as a companion package for .  
URL: <https://ctan.org/pkg/cjkpunct>  
MIRROR: <https://mirror.ctan.org/language/chinese/cjkpunct>

Zhang, Ruixi. *The lstfiracode package. Use Fira Code font for listings*. 2018-12-24. Version 0.1c. LICENSE: lppl1.3c. The package defines for the use with the package. This style contains almost all ligatures in Nikita Prokopov's family of fonts.  
URL: <https://ctan.org/pkg/lstfiracode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstfiracode>

- *The zhlineskip package. Line spacing for CJK documents*. 2019-05-16. Version 1.0e. LICENSE: lppl1.3c. This package supports typesetting CJK documents. It allows users to specify the two ratios between the leading and the font size of the body text and the footnote text. For CJK typesetting, these ratios usually range from 1.5 to 1.67. This package is also capable of restoring the math leading to that of the Latin text (usually 1.2 times the font size). Finally, it is possible to achieve the style using .  
URL: <https://ctan.org/pkg/zhlineskip>  
MIRROR: <https://mirror.ctan.org/language/chinese/zhlineskip>

Zhang, Shenxing. *The HFUTExam package. Exam class for Hefei University of Technology (China)*. 2025-04-30. Version 1.10. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hfutexam>  
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