

# The CTAN Bibliography

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## 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 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{a@poster,  
  title   = {The \texttt{a@poster} package},  
  subtitle = {Support for designing posters on large paper},  
  author   = {Gerlinde Kettl and Matthias Weiser},  
  date     = {2016-06-24},  
  version  = {1.22b},  
  license  = {lppl},  
  url      = {https://mirror.ctan.org/macros/latex/contrib/a@poster},  
  pkgurl   = {https://ctan.org/pkg/a@poster},  
  note     = {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 6313 bibliography data entries. The file `ctan.bib` will be created new every day.

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- texts and different layers of critical notes in any direction accepted by LuaTeX. Texts can be arranged in running paragraphs or on facing pages, in any number of columns which in turn can be synchronized or not. In addition to printed texts, ekdosis can convert source files so as to produce TEI xml-compliant critical editions. Database-driven encoding under L<sup>A</sup>T<sub>E</sub>X then allows extraction of texts entered segment by segment according to various criteria: main edited text, variant readings, translations or annotated borrowings between texts.
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PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/web/knit>  
 PKG-URL: <https://ctan.org/pkg/knit>

Arapura, Donu. *The Array Maker package. A program for making L<sup>A</sup>T<sub>E</sub>X 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. L<sup>A</sup>T<sub>E</sub>X code is entered into boxes and the program outputs an array that can be pasted into a L<sup>A</sup>T<sub>E</sub>X file. This is written in (≥ 8.0) (most Unix/Linux systems have .  
 URL: <https://mirror.ctan.org/support/arraymaker>  
 PKG-URL: <https://ctan.org/pkg/arraymaker>

Arata, Mizuki. *The cluttex package. An automation tool for running L<sup>A</sup>T<sub>E</sub>X.* 2021-11-05. Version 0.5.1. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/cluttex>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/abntex2>  
 PKG-URL: <https://ctan.org/pkg/abntex2>

Arcis, Diego. *The strands package. Draw objects constructed from strands.* 2021-07-12. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/strands>  
 PKG-URL: <https://ctan.org/pkg/strands>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/background>  
 PKG-URL: <https://ctan.org/pkg/background>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/fancypar>  
 PKG-URL: <https://ctan.org/pkg/fancypar>

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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>  
 PKG-URL: <https://ctan.org/pkg/makecirc>

Árnason, Einar, Johannes L. Braams, and Javier Bezos López. *The babel-icelandic package. Babel support for Icelandic.* 2019-07-04. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/lstbayes>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/longfigure>  
 PKG-URL: <https://ctan.org/pkg/longfigure>

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 LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/statrep>  
 PKG-URL: <https://ctan.org/pkg/statrep>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/gloss>  
 PKG-URL: <https://ctan.org/pkg/gloss>
- Arrouye, Yves. *The mkpkfontdir package. Manipulate TDS directories for PK fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>  
 PKG-URL: <https://ctan.org/pkg/mkpkfontdir>
- Arseneau, Donald. *The braket package. Dirac bra-ket and set notations.* 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/braket>  
 PKG-URL: <https://ctan.org/pkg/braket>
- *The cancel package. Place lines through maths formulae.* 2016-06-24. Version 2.2. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cancel>  
 PKG-URL: <https://ctan.org/pkg/cancel>
  - *The cases package. Numbered cases environment.* 2020-04-03. Version 3.2. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cases>  
 PKG-URL: <https://ctan.org/pkg/cases>
  - *The chapterbib package. Multiple bibliographies in a document.* 2016-06-24. Version 1.17. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cite>  
 PKG-URL: <https://ctan.org/pkg/chapterbib>
  - *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://mirror.ctan.org/macros/latex/contrib/cite>  
 PKG-URL: <https://ctan.org/pkg/cite>
  - *The cite-bundle package. Citation management bundle.* 2016-06-24. LICENSE: other-free. A collection of packages related to managing citations:  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cite>  
 PKG-URL: <https://ctan.org/pkg/cite-bundle>
  - *The dotseqn package. Flush left equations with dotted leaders to the numbers.* 2016-06-24. Version 1.1. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>  
 PKG-URL: <https://ctan.org/pkg/dotseqn>
  - *The drftcite package. Print the bibliography in "draft" mode.* 2018-01-06. Version 3.91. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>  
 PKG-URL: <https://ctan.org/pkg/drftcite>
  - *The framed package. Framed or shaded regions that can break across pages.* 2016-06-24. Version 0.96. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/framed>  
 PKG-URL: <https://ctan.org/pkg/framed>
  - *The fw1w package. Get first and last words of a page.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fw1w>  
 PKG-URL: <https://ctan.org/pkg/fw1w>

- Arseneau, Donald. *The import package. Establish input relative to a directory*. 2020-04-03. Version 6.2. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/import>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/generic/misc/longdiv.tex>  
 PKG-URL: <https://ctan.org/pkg/longdiv>
  - *The magaz package. Magazine layout*. 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/magaz>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/nolbreaks>  
 PKG-URL: <https://ctan.org/pkg/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc*. 2016-06-24. 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://mirror.ctan.org/macros/latex/contrib/notoccite>  
 PKG-URL: <https://ctan.org/pkg/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 TeX users have no access to package options, so need to redefine macros for these changes.  
 URL: <https://mirror.ctan.org/macros/generic/misc/nth.sty>  
 PKG-URL: <https://ctan.org/pkg/nth>
  - *The optional package. Facilitate optional printing of parts of a document*. 2016-06-24. Version 2.2b. LICENSE: l<sup>a</sup>TeX  
 URL: <https://mirror.ctan.org/macros/latex/contrib/optional>  
 PKG-URL: <https://ctan.org/pkg/optional>
  - *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://mirror.ctan.org/macros/latex/contrib/oubraces>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/cite>  
 PKG-URL: <https://ctan.org/pkg/overcite>
  - *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://mirror.ctan.org/macros/latex/contrib/placeins>  
 PKG-URL: <https://ctan.org/pkg/placeins>
- Arseneau, Donald. *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://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>  
 PKG-URL: <https://ctan.org/pkg/placeins-plain>
- *The random package. Generating “random” numbers in TeX*. 2020-04-15. Version 0.2. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/generic/random>  
 PKG-URL: <https://ctan.org/pkg/random>
  - *The removefr package. Remove from counter-reset lists*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>  
 PKG-URL: <https://ctan.org/pkg/removefr>
  - *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://mirror.ctan.org/macros/latex/contrib/sansmath>  
 PKG-URL: <https://ctan.org/pkg/sansmath>
  - *The selectp package. Select pages to be output*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/selectp>  
 PKG-URL: <https://ctan.org/pkg/selectp>
  - *The shapepar package. A macro to typeset paragraphs in specific shapes*. 2018-01-06. Version 2.2. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shapepar>  
 PKG-URL: <https://ctan.org/pkg/shapepar>
  - *The tabs package. Better vertical spacing in tables and arrays*. 2016-06-24. Version 3.5. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabs>  
 PKG-URL: <https://ctan.org/pkg/tabs>
  - *The tabto-generic package. “Tab” to a measured position in the line*. 2016-06-24. 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://mirror.ctan.org/macros/generic/misc/tabto.tex>  
 PKG-URL: <https://ctan.org/pkg/tabto-generic>
  - *The tabto-ltx package. “Tab” to a measured position in the line*. 2019-03-05. Version 1.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabto>  
 PKG-URL: <https://ctan.org/pkg/tabto-ltx>
  - *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://mirror.ctan.org/macros/latex/contrib/threeparttable>  
 PKG-URL: <https://ctan.org/pkg/threeparttable>

- Arseneau, Donald. *The titleref package. A "titleref" command to cross-reference section titles.* 2016-06-24. 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://mirror.ctan.org/macros/latex/contrib/titleref>  
PKG-URL: <https://ctan.org/pkg/titleref>
- *The truncate package. Truncate text to a specified width.* 2016-06-24. Version 3.6. LICENSE: pd  
URL: <https://mirror.ctan.org/macros/latex/contrib/truncate>  
PKG-URL: <https://ctan.org/pkg/truncate>
  - *The ulem package. Package for underlining.* 2020-01-10. LICENSE: other-free  
URL: <https://mirror.ctan.org/macros/latex/contrib/ulem>  
PKG-URL: <https://ctan.org/pkg/ulem>
  - *The underscore package. Control the behaviour of " \_ " in text.* 2018-01-06. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/underscore>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/url>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/plain/contrib/misc/varindent.tex>  
PKG-URL: <https://ctan.org/pkg/varindent>
  - *The varwidth package. A variable-width minipage.* 2018-01-06. Version 0.92. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/varwidth>  
PKG-URL: <https://ctan.org/pkg/varwidth>
  - *The wrapfig package. Produces figures which text can flow around.* 2021-12-30. Version 3.6. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/wrapfig>  
PKG-URL: <https://ctan.org/pkg/wrapfig>
- Arseneau, Donald and Johannes L. Braams. *The subeqn package. Package for subequation numbering.* 2016-06-24. Version 2.0b. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/subeqn>  
PKG-URL: <https://ctan.org/pkg/subeqn>
- Artime, Carlos Enrique Carleos, Luis Rivera, and Daniel Vela. *The lshort-spanish package. Short introduction to L<sup>A</sup>T<sub>E</sub>X, Spanish translation.* 2016-06-24. Version 0.5. LICENSE: other-free. A Spanish translation of the , version 20.  
URL: <https://mirror.ctan.org/info/lshort/spanish>  
PKG-URL: <https://ctan.org/pkg/lshort-spanish>

- Asakura, Takuto. *The BXghost package. Ghost insertion for proper xkanjiskip*. 2022-05-21. Version 0.5.0. LICENSE: mit  
 URL: <https://mirror.ctan.org/language/japanese/BX/bxghost>  
 PKG-URL: <https://ctan.org/pkg/bxghost>
- *The BXjaholiday package. Support for Japanese holidays*. 2021-09-28. Version 1.1.1. LICENSE: mit  
 URL: <https://mirror.ctan.org/language/japanese/BX/bxjaholiday>  
 PKG-URL: <https://ctan.org/pkg/bxjaholiday>
  - *The gotoh package. An implementation of the Gotoh sequence alignment algorithm*. 2017-07-07. Version 1.1. LICENSE: mit  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gotoh>  
 PKG-URL: <https://ctan.org/pkg/gotoh>
  - *The Light L<sup>A</sup>T<sub>E</sub>X Make package. llmk: A build tool for L<sup>A</sup>T<sub>E</sub>X documents*. 2021-09-19. Version 1.1.0. LICENSE: mit  
 URL: <https://mirror.ctan.org/support/light-latex-make>  
 PKG-URL: <https://ctan.org/pkg/light-latex-make>
  - *The platexcheat package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Japanese*. 2019-01-04. Version 3.1. LICENSE: mit  
 URL: <https://mirror.ctan.org/info/latexcheat/platexcheat>  
 PKG-URL: <https://ctan.org/pkg/platexcheat>
  - *The WTRef package. Extend L<sup>A</sup>T<sub>E</sub>X's cross-reference system*. 2020-06-15. Version 0.4.0. LICENSE: mit. Prerequisite packages: and .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/wtref>  
 PKG-URL: <https://ctan.org/pkg/wtref>
- Asakura, Takuto, Thomas Esser, Manuel Pégourié-Gonnard, and The TeX Live Team. *The texdoc package. Documentation access for TeX Live*. 2022-03-19. Version 3.4.1. 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://mirror.ctan.org/support/texdoc>  
 PKG-URL: <https://ctan.org/pkg/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>X2e.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/indxcite>  
 PKG-URL: <https://ctan.org/pkg/indxcite>
- *The saferef package. Safer references through strong typing of references*. 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex/contrib/saferef>  
 PKG-URL: <https://ctan.org/pkg/saferef>
- Association GUTenberg. *The letgut package. Class for the newsletter “La Lettre GUTenberg” of the French TeX User Group GUTenberg*. 2022-10-03. Version 0.9.4. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/luatex/latex/letgut>  
 PKG-URL: <https://ctan.org/pkg/letgut>
- Atkinson, Kevin. *The aspell package. Spell checker*. 2019-10-31. Version 0.60.8. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/support/aspell>  
 PKG-URL: <https://ctan.org/pkg/aspell>

- Atkinson, Kevin. *The ispell package. Multi-platform spell checker*. 2020-09-09. Version 3.3.02. LICENSE: other-free  
 URL: <https://mirror.ctan.org/support/ispell>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/exptl/gcite>  
 PKG-URL: <https://ctan.org/pkg/gcite>
- Atria, Matias. *The mdvi package. A DVI previewer*. 2017-04-18. LICENSE: gpl  
 URL: <https://mirror.ctan.org/dviware/mdvi>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/codepage>  
 PKG-URL: <https://ctan.org/pkg/codepage>
- *The MathTrip package. A trip to the wonderful world of mathematics*. 2022-10-02. Version 2.8. LICENSE: nocommercial,lppl,bsd  
 URL: <https://mirror.ctan.org/info/mathtrip>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/indexing/glo+idx+tex>  
 PKG-URL: <https://ctan.org/pkg/glotex>
- *The idx+tex package. An index processor*. 2016-06-24. Version 3.1. LICENSE: nosell  
 URL: <https://mirror.ctan.org/indexing/glo+idx+tex>  
 PKG-URL: <https://ctan.org/pkg/idx+tex>
- Avdeev, Nikolai. *The biblatex-ajc2020unofficial package. BibLaTeX style for the Australasian Journal of Combinatorics*. 2020-04-11. Version 0.2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-ajc2020unofficial>  
 PKG-URL: <https://ctan.org/pkg/biblatex-ajc2020unofficial>
- *The biblatex2bibitem package. Convert BibLaTeX-generated bibliography to bibitems*. 2022-01-18. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex2bibitem>  
 PKG-URL: <https://ctan.org/pkg/biblatex2bibitem>
- *The shortmathj package. Automatically shortify titles of mathematical journals*. 2020-04-11. Version 0.5.0. LICENSE: lppl1.3c. This small dummy package just contains a simple list of full and short journal names as written in AMS standard:  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shortmathj>  
 PKG-URL: <https://ctan.org/pkg/shortmathj>
- Aycock, Ryan. *The scientificpaper package. Format a scientific paper for journal publication*. 2016-06-18. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/scientificpaper>  
 PKG-URL: <https://ctan.org/pkg/scientificpaper>
- Aycock, Ryan and Steven Wheelwright. *The mla-paper package. Proper MLA formatting*. 2019-05-04. LICENSE: lppl. The package formats articles using the style (“MLA” = “Modern Language Association”). The aim is

- that students and other academics in the humanities should be able to typeset their materials, properly, with minimal effort on their part.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mla-paper>  
 PKG-URL: <https://ctan.org/pkg/mla-paper>
- Babushkin, Andrey. *The guitartabs package. A class for drawing guitar tablatures easily*. 2018-06-30. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/guitartabs>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ESIEEcV>  
 PKG-URL: <https://ctan.org/pkg/esieecv>
- *The french-translations package. French translation project*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/french-translations>  
 PKG-URL: <https://ctan.org/pkg/french-translations>
  - *The stack package. Tools to define and use stacks*. 2016-06-24. Version 1.00. LICENSE: lppl. The package provides a small set of commands to implement stacks independently of TeX’s own stack. As an example of how the stacks might be used, the documentation offers a small “relinput” package that implements the backbone of the package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/stack>  
 PKG-URL: <https://ctan.org/pkg/stack>
  - *The undertilde package. Typeset a tilde under one (or many) maths symbols*. 2016-06-24. Version 1.0. LICENSE: noinfo. The implementation is probably less than totally robust, though undoubtedly better than that in the macros also available on CTAN.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/undertilde>  
 PKG-URL: <https://ctan.org/pkg/undertilde>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/gitver>  
 PKG-URL: <https://ctan.org/pkg/gitver>
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 PKG-URL: <https://ctan.org/pkg/globalvals>
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 URL: <https://mirror.ctan.org/fonts/rojud>  
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 PKG-URL: <https://ctan.org/pkg/colorweb>
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 PKG-URL: <https://ctan.org/pkg/mathlig>
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 PKG-URL: <https://ctan.org/pkg/make-latex>

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 PKG-URL: <https://ctan.org/pkg/modref>
- Beccari, Claudio. *The ar package. Capital A and capital R ligature for Aspect Ratio*. 2018-01-06. LICENSE: lpp1  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ar>  
 PKG-URL: <https://ctan.org/pkg/ar>
- *The aspectratio package. Capital A and capital R ligature for Aspect Ratio*. 2016-06-24. Version 2.0. LICENSE: lpp1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/aspectratio>  
 PKG-URL: <https://ctan.org/pkg/aspectratio>
  - *The babel-friulan package. Babel/Polyglossia support for Friulan(Furlan)*. 2016-06-24. Version 1.3. LICENSE: lpp1.3. The package provides a language description file that enables support of Friulan either with or without .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/friulan>  
 PKG-URL: <https://ctan.org/pkg/babel-friulan>
  - *The babel-piedmontese package. Babel support for Piedmontese*. 2016-06-24. Version 1.0. LICENSE: lpp1.3. The package provides the language definition file for support of Piedmontese in . Some shortcuts are defined, as well as translations to Piedmontese of standard “LaTeX names”.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>  
 PKG-URL: <https://ctan.org/pkg/babel-piedmontese>
  - *The babel-romansh package. Babel/Polyglossia support for the Romansh language*. 2016-06-24. LICENSE: lpp1.3. The package provides a language description file that enables support of Romansh either with or without .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>  
 PKG-URL: <https://ctan.org/pkg/babel-romansh>
  - *The begingreek package. Greek environment to be used with pdfLaTeX only*. 2022-05-16. Version 1.7. LICENSE: lpp1.3c. This simple package defines a greek environment to be used with pdfLaTeX only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/begingreek>  
 PKG-URL: <https://ctan.org/pkg/begingreek>
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 PKG-URL: <https://ctan.org/pkg/canoniclayout>
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 URL: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>  
 PKG-URL: <https://ctan.org/pkg/cbfonts-fd>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/codicifiscaleitaliano>  
 PKG-URL: <https://ctan.org/pkg/codicifiscaleitaliano>
  - *The curve2e package. Extensions for package pict2e*. 2021-01-12. Version 2.2.15. LICENSE: lpp1.3c. The package extends the drawing capacities of the that serves as a L<sup>A</sup>T<sub>E</sub>X2e replacement for picture mode. In



particular, *curve2e* introduces new macros for lines and vectors, new specifications for line terminations and joins, arcs with any angular aperture, arcs with arrows at one or both ends, generic curves specified with their nodes and the tangent direction at these nodes.

URL: <https://mirror.ctan.org/macros/latex/contrib/curve2e>

PKG-URL: <https://ctan.org/pkg/curve2e>

Beccari, Claudio. *The ecclesiastic package. Typesetting Ecclesiastic Latin*. 2016-06-24. Version 0.3. LICENSE: lppl1.3. The package modifies the way the option to operates when typesetting Latin. The style is somewhat ‘frenchified’ in respect of punctuation spacings and footnote style; shortcuts are available in order to set accents on all vowels, including y and the diphthongs ae and oe.

URL: <https://mirror.ctan.org/macros/latex/contrib/ecclesiastic>

PKG-URL: <https://ctan.org/pkg/ecclesiastic>

– *The euclideangeometry package. Draw geometrical constructions*. 2021-10-04. Version 0.2.1. LICENSE: lppl1.3c

URL: <https://mirror.ctan.org/macros/latex/contrib/euclideangeometry>

PKG-URL: <https://ctan.org/pkg/euclideangeometry>

– *The fixltxhyph package. Allow hyphenation of partially-emphasised substrings*. 2016-06-24. Version 0.4. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>

PKG-URL: <https://ctan.org/pkg/fixltxhyph>

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PKG-URL: <https://ctan.org/pkg/ithyph>

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URL: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>

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URL: <https://mirror.ctan.org/fonts/lxfonts>

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– *The pm-isomath package. Poor man ISO math for pdfLaTeX users*. 2021-08-26. Version 1.2.00. LICENSE: lppl1.3c

URL: <https://mirror.ctan.org/macros/latex/contrib/pm-isomath>

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URL: <https://mirror.ctan.org/macros/latex/contrib/swfigure>

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URL: <https://mirror.ctan.org/macros/latex/contrib/testhyphens>

PKG-URL: <https://ctan.org/pkg/testhyphens>

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PKG-URL: <https://ctan.org/pkg/teubner>

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 LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/toptesi>  
 PKG-URL: <https://ctan.org/pkg/toptesi>
- *The widetable package. An environment for typesetting tables of specified width*. 2020-01-15. Version 2.1.  
 LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/widetable>  
 PKG-URL: <https://ctan.org/pkg/widetable>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>  
 PKG-URL: <https://ctan.org/pkg/wrapfig2>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/imakeidx>  
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/setstrut.tex>  
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 PKG-URL: <https://ctan.org/pkg/zbmath-review-template>
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 URL: <https://mirror.ctan.org/support/ltxdiff>  
 PKG-URL: <https://ctan.org/pkg/ltxdiff>

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 URL: <https://mirror.ctan.org/support/runtex>  
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- Becker, Brett A. *The anonymous-acm package. Typeset anonymous versions for ACM articles.* 2020-05-15. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/anonymous-acm>  
 PKG-URL: <https://ctan.org/pkg/anonymous-acm>
- Becker, Daniel. *The epspdfconversion package. On-the-fly conversion of EPS to PDF.* 2016-06-24. Version 0.61. LICENSE: lppl. The package calls the package to convert EPS graphics to PDF, on the fly. It serves as a vehicle for passing conversion options (such as , or ) to the converter.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/epspdfconversion>  
 PKG-URL: <https://ctan.org/pkg/epspdfconversion>
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 URL: <https://mirror.ctan.org/info/lshort/dutch>  
 PKG-URL: <https://ctan.org/pkg/lshort-dutch>
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 URL: <https://mirror.ctan.org/dviware/beebe>  
 PKG-URL: <https://ctan.org/pkg/beebe-dvi>
- *The bibclean package. A BibTeX prettyprinter, verifier, etc.* 2016-06-24. Version 2.11.3. LICENSE: noinfo. Bibclean is a portable program (written in C) that will pretty-print, syntax check, and generally sort out a BibTeX database file. The standardised format of bibclean’s output improves the chances of simple filters such as , , , (and so on) operating correctly.  
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibclean>  
 PKG-URL: <https://ctan.org/pkg/bibclean>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibextract>  
 PKG-URL: <https://ctan.org/pkg/bibextract>
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 URL: <https://mirror.ctan.org/info/biblio>  
 PKG-URL: <https://ctan.org/pkg/biblio>
  - *The bibmods package. Tighter tolerances for bibliographies.* 2019-06-21. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/bibmods.sty>  
 PKG-URL: <https://ctan.org/pkg/bibmods>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibsort>  
 PKG-URL: <https://ctan.org/pkg/bibsort>
  - *The BibTeX-examples package. Examples of BibTeX usage.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/examples>  
 PKG-URL: <https://ctan.org/pkg/bibtex-examples>
  - *The bibtex-test package. BibTeX testing files.* 2016-06-24. LICENSE: noinfo  
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 PKG-URL: <https://ctan.org/pkg/bibtex-test>

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 URL: <https://mirror.ctan.org/support/filehdr>  
 PKG-URL: <https://ctan.org/pkg/filehdr>
- *The is-bst package. Extended versions of standard BibTeX styles*. 2019-11-05. Version 2.03. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/is-bst>  
 PKG-URL: <https://ctan.org/pkg/is-bst>
  - *The showtags package. Print the tags of bibliography entries*. 2016-06-24. Version 1.05. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/showtags>  
 PKG-URL: <https://ctan.org/pkg/showtags>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/vancouver>  
 PKG-URL: <https://ctan.org/pkg/vancouver>
- Beeman, Roger L. and Pierre A. MacKay. *The fontbl package. A font sampler*. 2016-06-24. LICENSE: noinfo. An interactive program, that asks for font name and magnification, and then sets a table, a lower- and an upper-case alphabet listing, and a short text sample. This sample reflects a combination of the options available in testfont (in the distribution).  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/fontbl.tex>  
 PKG-URL: <https://ctan.org/pkg/fontbl>
- Beeton, Barbara. *The cyrmemo package. Details of using the AMS Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. A Plain TeX document, and support macros, describing the use of the AMS Cyrillic fonts (the family) in Plain TeX and L<sup>A</sup>T<sub>E</sub>X 2.09. (The fonts embody the OT2 encoding, in L<sup>A</sup>T<sub>E</sub>X 2e.)  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/cyrmemo>  
 PKG-URL: <https://ctan.org/pkg/cyrmemo>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/deproc>  
 PKG-URL: <https://ctan.org/pkg/deproc>
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 URL: <https://mirror.ctan.org/info/digests/tugboat/t-of-c>  
 PKG-URL: <https://ctan.org/pkg/tugboat-toc>
  - *The verbatim-tub package. Plain TeX macros for verbatim*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.mac>  
 PKG-URL: <https://ctan.org/pkg/verbatim-tub>
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 URL: <https://mirror.ctan.org/info/digests/tex-implementors>  
 PKG-URL: <https://ctan.org/pkg/tex-implementors>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/tugboat>  
 PKG-URL: <https://ctan.org/pkg/tugboat-plain>

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 URL: <https://mirror.ctan.org/fonts/cml1>  
 PKG-URL: <https://ctan.org/pkg/cml1>
- *The ebproof package. Formal proofs in the style of sequent calculus*. 2021-01-28. Version 2.1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ebproof>  
 PKG-URL: <https://ctan.org/pkg/ebproof>
  - *The frcursive package. French cursive hand fonts*. 2018-05-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/fonts/frcursive>  
 PKG-URL: <https://ctan.org/pkg/frcursive>
  - *The thmbox package. Decorate theorem statements*. 2016-06-24. LICENSE: lppl. The package defines an environment that presents theorems, definitions and similar objects in boxes decorated with frames and various aesthetic features. The standard macro may be redefined to use the environment.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/thmbox>  
 PKG-URL: <https://ctan.org/pkg/thmbox>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chiddoc>  
 PKG-URL: <https://ctan.org/pkg/chiddoc>
- *The collref package. Collect blocks of references into a single reference*. 2018-01-17. Version 2.0c. LICENSE: lppl1.3. The package automatically collects multiple references, which always appear in the same sequence in , into a single block.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/collref>  
 PKG-URL: <https://ctan.org/pkg/collref>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/delimset>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/exframe>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/graphbox>  
 PKG-URL: <https://ctan.org/pkg/graphbox>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mathfixs>  
 PKG-URL: <https://ctan.org/pkg/mathfixs>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/metastr>  
 PKG-URL: <https://ctan.org/pkg/metastr>
  - *The mpostinl package. Embed MetaPost figures within L<sup>A</sup>T<sub>E</sub>X documents*. 2018-12-31. Version 1.5. LICENSE: lppl1.3

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 URL: <https://mirror.ctan.org/macros/latex/contrib/sesstime>  
 PKG-URL: <https://ctan.org/pkg/sesstime>
- Beitz, Eric. *The texshade package. Package for setting nucleotide and peptide alignments*. 2022-08-30. Version 1.26a. LICENSE: gpl2. TeXshade is alignment shading software completely written in TeX/LaTeX; it can process multiple sequence alignments in the and the file formats. In addition to common shading algorithms, it provides special shading modes showing functional aspects, e.g. charge or hydrophathy, and a wide range of commands for handling shading colours, text styles, labels, legends; it even allows the user to define completely new shading modes. TeXshade combines highest flexibility with TeX output quality — all in a bundle that does not demand excessive development time of the user.  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/debate>  
 PKG-URL: <https://ctan.org/pkg/debate>
- *The ffcodes package. Fixed-font code blocks formatted nicely*. 2022-10-03. Version 0.5.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you write source code in your academic papers and make it look neat. It uses and , configuring them the right way, to ensure that code fragments and code blocks look nicer.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ffcodes>  
 PKG-URL: <https://ctan.org/pkg/ffcodes>
  - *The href-ul package. Underscored L<sup>A</sup>T<sub>E</sub>X hyperlinks*. 2022-10-03. Version 0.2.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package makes hyperlinks underscored, just like on the web. The package uses and .  
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  - *The huawei package. Template for Huawei documents*. 2022-10-05. Version 0.14.1. LICENSE: mit  
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 PKG-URL: <https://ctan.org/pkg/huawei>
  - *The iexec package. Execute shell commands and input their output*. 2022-10-09. Version 0.7.0. LICENSE: mit. With the help of the command, you can execute a shell command and then input its output into your document. This package also lets you use any special symbols inside your command.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/iexec>  
 PKG-URL: <https://ctan.org/pkg/iexec>
  - *The kdpcover package. Covers for books published by Kindle Direct Publishing*. 2022-10-02. Version 0.4.0. LICENSE: mit. The problem this class solves is to change the size of the cover PDF according to the number of pages in the book — the bigger the book, the larger the spine of the book must be. The provided class makes the necessary calculations on-the-fly, using the tool. Obviously, you need to have it installed. Also, you must run with the option, in order to allow L<sup>A</sup>T<sub>E</sub>X to run .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/kdpcover>  
 PKG-URL: <https://ctan.org/pkg/kdpcover>
  - *The ppt-slides package. Good-looking slide decks à la PowerPoint (PPT)*. 2022-09-19. Version 0.1.5. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you create slide decks as good-looking as with , but more precise, uniform, and visually strict. Check fully designed with the use of this package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ppt-slides>  
 PKG-URL: <https://ctan.org/pkg/ppt-slides>
  - *The to-be-determined package. Highlight text passages that need further work*. 2022-10-03. Version 0.2.0. LICENSE: mit. This package provides a single command which highlights the pieces of text that need to be rewritten later. You can hide them all with a single package option , or just make them disappear entirely with the option .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/to-be-determined>  
 PKG-URL: <https://ctan.org/pkg/to-be-determined>
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 PKG-URL: <https://ctan.org/pkg/crosstex>

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 PKG-URL: <https://ctan.org/pkg/arbeit>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/bnumexpr>  
 PKG-URL: <https://ctan.org/pkg/bnumexpr>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/colorframed>  
 PKG-URL: <https://ctan.org/pkg/colorframed>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/etoc>  
 PKG-URL: <https://ctan.org/pkg/etoc>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/filecontentsdef>  
 PKG-URL: <https://ctan.org/pkg/filecontentsdef>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/footnotehyper>  
 PKG-URL: <https://ctan.org/pkg/footnotehyper>
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- Libertine/Biolinum fonts and L<sup>A</sup>T<sub>E</sub>X support files must have been installed.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/libgreek>  
 PKG-URL: <https://ctan.org/pkg/libgreek>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mathastext>  
 PKG-URL: <https://ctan.org/pkg/mathastext>
- *The polexpr package. A parser for polynomial expressions*. 2022-05-19. Version 0.8.7a. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/polexpr>  
 PKG-URL: <https://ctan.org/pkg/polexpr>
  - *The poormanlog package. Logarithms and powers with (almost) 9 digits*. 2022-05-25. Version 0.07. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/poormanlog>  
 PKG-URL: <https://ctan.org/pkg/poormanlog>
  - *The pxgreek package. Shape selection for PX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X maths users of the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\greek`) allows using the alternate glyph (as in the fourier package). The pxgreek package does not constrain the text font that may be used in the document.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pxgreek>  
 PKG-URL: <https://ctan.org/pkg/pxgreek>
  - *The tableof package. Tagging tables of contents*. 2021-07-05. Version 1.4c. 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://mirror.ctan.org/macros/latex/contrib/tableof>  
 PKG-URL: <https://ctan.org/pkg/tableof>
  - *The texdimens package. Conversion of TeX dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to TeX dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://mirror.ctan.org/macros/generic/texdimens>  
 PKG-URL: <https://ctan.org/pkg/texdimens>
  - *The txgreek package. Shape selection for TX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X users who use the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\greek`) allows using the alternate glyph (as in the fourier package). The txgreek package does not constrain the text font that may be used in the document.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/txgreek>  
 PKG-URL: <https://ctan.org/pkg/txgreek>
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 URL: <https://mirror.ctan.org/macros/generic/xint>  
 PKG-URL: <https://ctan.org/pkg/xint>
  - *The xintsession package. Interactive computing sessions (fractions, floating points, polynomials)*. 2021-11-01. Version 0.4alpha. LICENSE: lppl1.3c

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 URL: <https://mirror.ctan.org/macros/latex/contrib/brandeis-thesis>  
 PKG-URL: <https://ctan.org/pkg/brandeis-thesis>

– *The edmargin package. Multiple series of endnotes for critical editions*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/edmargin>  
 PKG-URL: <https://ctan.org/pkg/edmargin>

– *The endheads package. Running headers of the form “Notes to pp.xx-yy”*. 2017-04-08. Version 1.6. LICENSE: lppl. Endheads provides running headers of the form “Notes to pp. xx-yy” for endnotes sections. It also enables one to reset the endnotes counter, and put a line marking the chapter change in the endnotes, at the beginning of every chapter. Endheads requires the , , , and packages.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/endheads>  
 PKG-URL: <https://ctan.org/pkg/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.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/poemscol>  
 PKG-URL: <https://ctan.org/pkg/poemscol>

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URL: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>  
PKG-URL: <https://ctan.org/pkg/biochemistry-colors>
- *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://mirror.ctan.org/macros/latex/contrib/css-colors>  
PKG-URL: <https://ctan.org/pkg/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 `latex-course`, which the author has translated to English and taken to L<sup>A</sup>T<sub>E</sub>X2e/Beamer. Additional material was taken from the `latex-course`.  
URL: <https://mirror.ctan.org/info/latex-course>  
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 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/everypage>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/flippdf>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/rotpages>  
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 URL: <https://mirror.ctan.org/macros/plain/contrib/prepr>  
 PKG-URL: <https://ctan.org/pkg/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.  
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 PKG-URL: <https://ctan.org/pkg/breakurl>
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 URL: <https://mirror.ctan.org/info/portuguese/beamer>  
 PKG-URL: <https://ctan.org/pkg/beamer-tut-pt>
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 PKG-URL: <https://ctan.org/pkg/cursolatex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>  
 PKG-URL: <https://ctan.org/pkg/xmuthesis>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>  
 PKG-URL: <https://ctan.org/pkg/adigraph>
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 PKG-URL: <https://ctan.org/pkg/lectures>
- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals*. 2016-06-24. Version 2.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/svgcolor>  
 PKG-URL: <https://ctan.org/pkg/svgcolor>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/blkarray>  
 PKG-URL: <https://ctan.org/pkg/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 L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle>  
 PKG-URL: <https://ctan.org/pkg/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/colortbl>  
 PKG-URL: <https://ctan.org/pkg/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/comma>  
 PKG-URL: <https://ctan.org/pkg/comma>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>  
 PKG-URL: <https://ctan.org/pkg/dotlessj>
  - *The elocalloc package. Local allocation macros for L<sup>A</sup>T<sub>E</sub>X 2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the L<sup>A</sup>T<sub>E</sub>X 2015 allocation macros.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>  
 PKG-URL: <https://ctan.org/pkg/elocalloc>

- *The fix2col package. Fix miscellaneous two column mode features.* 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fix2col>  
 PKG-URL: <https://ctan.org/pkg/fix2col>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/fragments>  
 PKG-URL: <https://ctan.org/pkg/fragments>
- *The graphics-pln package. LaTeX-style graphics for Plain TeX users.* 2022-09-29. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/plain/graphics>  
 PKG-URL: <https://ctan.org/pkg/graphics-pln>
- *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 L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/grfguide>
- *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://mirror.ctan.org/macros/latex/contrib/grfpaste>  
 PKG-URL: <https://ctan.org/pkg/grfpaste>
- *The hhline package. Better horizontal lines in tabulars and arrays.* 2021-06-01. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/hhline>
- *The ltxtable package. Longtable and tabularx merge.* 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>  
 PKG-URL: <https://ctan.org/pkg/ltxtable>
- *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>  
 PKG-URL: <https://ctan.org/pkg/makerobust209>
- *The mylatex package. Make a format containing a document's preamble.* 2020-10-28. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mylatex>  
 PKG-URL: <https://ctan.org/pkg/mylatex>
- *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X'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://mirror.ctan.org/macros/latex/contrib/nopageno>  
 PKG-URL: <https://ctan.org/pkg/nopageno>
- *The plain-ltx package. Make plain TeX files L<sup>A</sup>T<sub>E</sub>Xable.* 2022-03-14. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>  
 PKG-URL: <https://ctan.org/pkg/plain-ltx>
- *The pslatex package. Use PostScript fonts by default.* 2021-01-15. Version 1.3. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pslatex>  
 PKG-URL: <https://ctan.org/pkg/pslatex>

- *The pspicture package. PostScript picture support.* 2016-06-24. LICENSE: lppl. A replacement for L<sup>A</sup>T<sub>E</sub>X’s picture macros, that uses PostScript commands. The package is now largely superseded by .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pspicture>  
 PKG-URL: <https://ctan.org/pkg/pspicture>
- Carlisle, David. *The remreset package. Remove counters from reset list.* 2022-03-14. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>  
 PKG-URL: <https://ctan.org/pkg/remreset>
- *The scalefnt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>  
 PKG-URL: <https://ctan.org/pkg/scalefnt>
- *The showkeys package. Show label, ref, cite and bib keys.* 2022-06-08. Version 3.18. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/showkeys>
- *The slashed package. Put a slash through characters.* 2022-03-14. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>  
 PKG-URL: <https://ctan.org/pkg/slashed>
- *The tabulary package. Tabular with variable width columns balanced.* 2018-01-06. Version 0.10. LICENSE: lppl. The package defines a `tabulary` environment, taking a ‘total width’ argument as well as the column specifications. The environment uses column types `l`, `r`, and for variable width columns `l*`, `r*`, and normally justified). In contrast to `X` columns, the width of each column is weighted according to the natural width of the widest cell in the column.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabulary>  
 PKG-URL: <https://ctan.org/pkg/tabulary>
- *The textcase package. Case conversion ignoring mathematics, etc.* 2022-07-10. Version 1.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/textcase>  
 PKG-URL: <https://ctan.org/pkg/textcase>
- *The type1cm package. Arbitrary size font selection in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/type1cm>  
 PKG-URL: <https://ctan.org/pkg/type1cm>
- *The typehtml package. Typeset HTML directly from L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/typehtml>  
 PKG-URL: <https://ctan.org/pkg/typehtml>
- *The typewriter package. Typeset with a randomly variable monospace font.* 2021-08-26. Version 1.1. LICENSE: lppl. The package uses the `typewriter` font, 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://mirror.ctan.org/macros/luatex/latex/typewriter>  
 PKG-URL: <https://ctan.org/pkg/typewriter>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>  
 PKG-URL: <https://ctan.org/pkg/ucharcat>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/xii>  
 PKG-URL: <https://ctan.org/pkg/xii>

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 URL: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>  
 PKG-URL: <https://ctan.org/pkg/xii-lat>
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 PKG-URL: <https://ctan.org/pkg/xmltex>
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 URL: <https://mirror.ctan.org/macros/plain/graphics/miniltx.tex>  
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 PKG-URL: <https://ctan.org/pkg/xr>
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 PKG-URL: <https://ctan.org/pkg/xr-hyper>
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 PKG-URL: <https://ctan.org/pkg/pdftex-def>
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 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/afterpage>
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 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/color>
  - *The dcolumn package. Align on the decimal point of numbers in tabular columns*. 2021-06-01. Version 1.06. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/dcolumn>
  - *The delarray package. Delimiters for arrays*. 2021-01-03. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/delarray>
  - *The enumerate package. Enumerate with redefinable labels*. 2021-06-01. Version 3.00. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/enumerate>
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 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/graphics>
  - *The graphicx package. Enhanced support for graphics*. 2021-11-12. Version 1.2d. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/graphicx>
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 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/indentfirst>
  - *The keyval package. Process ‘key=value’ schemes*. 2022-06-08. Version 1.15. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/keyval>
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 URL: <https://mirror.ctan.org/macros/latex/required/graphics>  
 PKG-URL: <https://ctan.org/pkg/lscapex>
  - *The ltxdoc package. Class for documented L<sup>A</sup>T<sub>E</sub>X macro files*. 2022-06-16. Version 2.1g. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/base>  
 PKG-URL: <https://ctan.org/pkg/ltxdoc>
  - *The luatex-def package. LuaTeX option file for color and graphics*. 2022-09-23. Version 1.2d. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>  
 PKG-URL: <https://ctan.org/pkg/luatex-def>
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 PKG-URL: <https://ctan.org/pkg/metatex>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/musicography>  
 PKG-URL: <https://ctan.org/pkg/musicography>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/octave>  
 PKG-URL: <https://ctan.org/pkg/octave>

— *The semantic-markup package. Meaningful semantic markup in the spirit of the Text Encoding Initiative*. 2020-01-29. LICENSE: lppl1.3  
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 PKG-URL: <https://ctan.org/pkg/pittetd>
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- *The simpleoptics package. Drawing lenses and mirrors for optical diagrams.* 2022-04-06. Version 1.1.1. LICENSE: lppl1.3c  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/sillypage>  
 PKG-URL: <https://ctan.org/pkg/sillypage>
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- straightforward framework for reducing the typical code boilerplate when writing TeX documents. Also note that one can easily extrapolate the use beyond articles and theses: the application is powerful enough to generate text-based structure, given that a corresponding template exists.  
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 URL: <https://mirror.ctan.org/support/dtxgen>  
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 PKG-URL: <https://ctan.org/pkg/isodoc>
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  - *The mk package. A TeX and L<sup>A</sup>T<sub>E</sub>X maker*. 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>L</sub><sup>A</sup>T<sub>E</sub>X, or plain TeX document. Essentially, mk uses for compilation, for viewing and printing.  
 URL: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)  
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  - *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. 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://mirror.ctan.org/macros/latex/contrib/proofread>  
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 PKG-URL: <https://ctan.org/pkg/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 TeX log, for example:

- URL: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>  
 PKG-URL: <https://ctan.org/pkg/cmdtrack>
- Downes, Michael J. *The dialogl package. Macros for constructing interactive L<sup>A</sup>T<sub>E</sub>X scripts*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dialogl>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/patchcmd>  
 PKG-URL: <https://ctan.org/pkg/patchcmd>
  - *The showdim package. Variants on printing dimensions*. 2016-06-24. Version 1.2. LICENSE: lppl. A package for L<sup>A</sup>T<sub>E</sub>X providing a number of commands for printing the value of a TeX dimension. For example, yields the current value of rounded to the nearest tenth of a point.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/showdim/showdim.sty>  
 PKG-URL: <https://ctan.org/pkg/showdim>
  - *The wordcount package. Estimate the number of words in a L<sup>A</sup>T<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 L<sup>A</sup>T<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://mirror.ctan.org/macros/latex/contrib/wordcount>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/breqn>  
 PKG-URL: <https://ctan.org/pkg/breqn>
- *The mathstyle package. Manage mathematics typesetting style*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/breqn>  
 PKG-URL: <https://ctan.org/pkg/mathstyle>
- Downes, Michael J. and Peter R. Wilson. *The around-the-bend package. Typeset exercises in TeX, 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://mirror.ctan.org/info/challenges/AroBend>  
 PKG-URL: <https://ctan.org/pkg/around-the-bend>
- Dragone, Mario. *The xlatex package. A TeX/LaTeX shell for X-windows*. 2016-06-24. Version 3.3c. LICENSE: other-free  
 URL: <https://mirror.ctan.org/support/xlatex>  
 PKG-URL: <https://ctan.org/pkg/xlatex>
- Drakos, Nikos, Ross Moore, Daniel Gildea, Paulo Ney de Souza, and Roland Stigge. *The latex2html package. Convert L<sup>A</sup>T<sub>E</sub>X into HTML documents*. 2019-06-24. LICENSE: gpl  
 PKG-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://mirror.ctan.org/graphics/pstricks/contrib/pst-pad>  
PKG-URL: <https://ctan.org/pkg/pst-pad>
- Dreher, Simon. *The IMTEKda package. IMTEK thesis class*. 2016-06-24. Version 1.7. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/imtekda>  
PKG-URL: <https://ctan.org/pkg/imtekda>
- Dreuw, Philippe and Thomas Deselaers. *The beamerposter package. Extend beamer and a0poster for custom sized posters*. 2018-04-23. Version 1.13. LICENSE: lppl,gpl  
URL: <https://mirror.ctan.org/macros/latex/contrib/beamerposter>  
PKG-URL: <https://ctan.org/pkg/beamerposter>
- Drews, Aaron. *The pfdicons package. Draw process flow diagrams in chemical engineering*. 2021-07-28. Version 1.0a. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/pfdicons>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/namespc>  
PKG-URL: <https://ctan.org/pkg/namespc>
- Droms, Ralph. *The txt package. Output documents via terminals, line printers, etc*. 2016-06-24. LICENSE: noinfo  
URL: <https://mirror.ctan.org/support/txt>  
PKG-URL: <https://ctan.org/pkg/txt>
- Druchbert, 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://mirror.ctan.org/macros/latex/contrib/export>  
PKG-URL: <https://ctan.org/pkg/export>
- *The fepslatex package. French version of "graphics in L<sup>A</sup>T<sub>E</sub>X"*. 2016-06-24. 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://mirror.ctan.org/info/epslatex/french>  
PKG-URL: <https://ctan.org/pkg/fepslatex>
  - *The minitoc package. Produce a table of contents for each chapter, part or section*. 2021-10-31. Version 62. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/minitoc>  
PKG-URL: <https://ctan.org/pkg/minitoc>
  - *The regcount package. Display the allocation status of the TeX registers*. 2016-06-24. Version 1.0. LICENSE: lppl. Adds a macro which displays the allocation status of the TeX 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://mirror.ctan.org/macros/latex/contrib/regcount>  
PKG-URL: <https://ctan.org/pkg/regcount>
  - *The shorttoc package. Table of contents with different depths*. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/Tabbing>  
 PKG-URL: <https://ctan.org/pkg/tabbing>

Drucbert, Jean-Pierre. *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://mirror.ctan.org/info/translations/array/fr>  
 PKG-URL: <https://ctan.org/pkg/translation-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://mirror.ctan.org/info/translations/booktabs/fr>  
 PKG-URL: <https://ctan.org/pkg/translation-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://mirror.ctan.org/info/translations/dcolumn/fr>  
 PKG-URL: <https://ctan.org/pkg/translation-dcolumn-fr>

— *The translation-tabbing-fr package. French translation of the documentation of Tabbing.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/translations/Tabbing/fr>  
 PKG-URL: <https://ctan.org/pkg/translation-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://mirror.ctan.org/info/translations/natbib/fr>  
 PKG-URL: <https://ctan.org/pkg/translation-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://mirror.ctan.org/info/translations/booktabs/fr>  
 PKG-URL: <https://ctan.org/pkg/booktabs-fr>

Dryllerakis, K J. *The kdgreek package. Greek fonts and macros.* 2016-06-24. Version 3.1. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/greek/kd>  
 PKG-URL: <https://ctan.org/pkg/kdgreek>

Duan, Charles. *The randtext package. Randomise the order of characters in strings.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/randtext>  
 PKG-URL: <https://ctan.org/pkg/randtext>

— *The switcheml package. Obfuscate email addresses (now obsolete).* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>  
 PKG-URL: <https://ctan.org/pkg/switcheml>

Dübendorfer, Marco. *The grafik package. EPS graphics under Windows.* 2016-06-24. LICENSE: noinfo  
 URL: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)  
 PKG-URL: <https://ctan.org/pkg/grafik>

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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>  
 PKG-URL: <https://ctan.org/pkg/datetime2-it-fulltext>

Duchier, Denys. *The bigtabular package. Tabulars that can split at page boundaries.* 2016-06-24. LICENSE: noinfo

- URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>  
 PKG-URL: <https://ctan.org/pkg/bigtabular>
- Duchier, Denys. *The secret package. Put security classification marks in a document.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>  
 PKG-URL: <https://ctan.org/pkg/secret>
- Dudebout, Nicolas. *The matrix-skeleton package. A PGF/TikZ library that simplifies working with multiple matrix nodes.* 2019-08-09. Version 1.0. 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://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>  
 PKG-URL: <https://ctan.org/pkg/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/dviware/dvibook>  
 PKG-URL: <https://ctan.org/pkg/dvibook>
- *The PBMtoPK package. Conversion between PBM and PK formats.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/graphics/pbmtopk>  
 PKG-URL: <https://ctan.org/pkg/pbmtopk>
  - *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.ctan.org/tex-archive/graphics/picteTeX>), the document is a useful aide-memoire for those who have read the manual.  
 URL: <https://mirror.ctan.org/info/pictex/summary>  
 PKG-URL: <https://ctan.org/pkg/pictexsum>
  - *The psmerge package. Concatenate PostScript files.* 2016-06-24. Version p17. LICENSE: other-free  
 PKG-URL: <https://ctan.org/pkg/psmerge>
  - *The psutils package. PostScript utilities.* 2021-08-26. Version p17. LICENSE: other-free  
 PKG-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://mirror.ctan.org/fonts/utilities/vplutils>  
 PKG-URL: <https://ctan.org/pkg/vplutils>
- Dungs, Kevin. *The fontmfizz package. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. LICENSE: mit  
 URL: <https://mirror.ctan.org/fonts/fontmfizz>  
 PKG-URL: <https://ctan.org/pkg/fontmfizz>
- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation.* 2021-12-30. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/docsurvey>  
 PKG-URL: <https://ctan.org/pkg/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files.* 2022-09-12. Version 1.05. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>  
 PKG-URL: <https://ctan.org/pkg/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats.* 2022-01-10. Version 2.07. 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://mirror.ctan.org/macros/latex/contrib/keyfloat>

PKG-URL: <https://ctan.org/pkg/keyfloat>

Dunn, Brian. *The labelschanged package. Identify labels which cause endless “may have changed” warnings.* 2017-12-13. Version 1.0. LICENSE: pd

URL: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>

PKG-URL: <https://ctan.org/pkg/labelschanged>

— *The lwrap package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML.* 2022-07-15. Version 0.908. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/latex/contrib/lwrap>

PKG-URL: <https://ctan.org/pkg/lwrap>

— *The metalogox package. Adjust TeX logos, with font detection.* 2019-01-28. Version 1.00. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/latex/contrib/metalogox>

PKG-URL: <https://ctan.org/pkg/metalogox>

— *The tocdata package. Adds names to chapters, sections, figures in the TOC and LOF.* 2020-07-16. Version 2.04. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/latex/contrib/tocdata>

PKG-URL: <https://ctan.org/pkg/tocdata>

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://mirror.ctan.org/fonts/igo>

PKG-URL: <https://ctan.org/pkg/igo>

Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .

URL: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>

PKG-URL: <https://ctan.org/pkg/bondgraph>

Dupuis, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. Version 1.1. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>

PKG-URL: <https://ctan.org/pkg/alertmessage>

Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case.* 2016-06-24. LICENSE: lppl

URL: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>

PKG-URL: <https://ctan.org/pkg/papercdcase>

- *The swrule package. Lines thicker in the middle than at the ends.* 2020-04-11. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>  
 PKG-URL: <https://ctan.org/pkg/swrule>
- 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://mirror.ctan.org/graphics/qcircuit>  
 PKG-URL: <https://ctan.org/pkg/qcircuit>
- 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://mirror.ctan.org/macros/latex/contrib/dateiliste>  
 PKG-URL: <https://ctan.org/pkg/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 `\exp_testopt`, both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/extpfeil>  
 PKG-URL: <https://ctan.org/pkg/extpfeil>
- *The faktor package. Typeset quotient structures with  $\LaTeX$ .* 2016-06-24. Version 0.1b. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/faktor>  
 PKG-URL: <https://ctan.org/pkg/faktor>
- *The gmdoc-enhance package. Some enhancements to the gmdoc package.* 2016-06-24. 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://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>  
 PKG-URL: <https://ctan.org/pkg/gmdoc-enhance>
- *The minipage-marginpar package. Minipages with marginal notes.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/noitcrul>  
 PKG-URL: <https://ctan.org/pkg/noitcrul>
- *The pauldoc package. German  $\LaTeX$  package documentation.* 2016-06-24. Version 0.5. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>  
 PKG-URL: <https://ctan.org/pkg/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 `), and` (the same, only without the automatically drawn coordinate system).  
URL: <https://mirror.ctan.org/macros/latex/contrib/randbild>  
PKG-URL: <https://ctan.org/pkg/randbild>
- Ebermann, Paul. *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.  
URL: <https://mirror.ctan.org/macros/latex/contrib/robustcommand>  
PKG-URL: <https://ctan.org/pkg/robustcommand>
- Ebinger, Carl-Clemens. *The AlfaSlabOne package. The Alfa Slab One font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-18. Version 0.0.1. LICENSE: ofl  
URL: <https://mirror.ctan.org/fonts/alfaslabone>  
PKG-URL: <https://ctan.org/pkg/alfaslabone>
- *The Archivo package. The Archivo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-03. Version 0.0.2. LICENSE: ofl,lppl  
URL: <https://mirror.ctan.org/fonts/archivo>  
PKG-URL: <https://ctan.org/pkg/archivo>
- *The Arvo package. The Arvo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2020-12-24. LICENSE: ofl,lppl  
URL: <https://mirror.ctan.org/fonts/arvo>  
PKG-URL: <https://ctan.org/pkg/arvo>
- *The CascadiaCode package. The Cascadia Code font with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-20. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://mirror.ctan.org/fonts/cascadia-code>  
PKG-URL: <https://ctan.org/pkg/cascadia-code>
- *The gudea package. The Gudea font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://mirror.ctan.org/fonts/gudea>  
PKG-URL: <https://ctan.org/pkg/gudea>
- *The hindmadurai package. The HindMadurai font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://mirror.ctan.org/fonts/hindmadurai>  
PKG-URL: <https://ctan.org/pkg/hindmadurai>
- *The inter package. The inter font face with support for L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and LuaLaTeX.* 2021-04-17. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Inter Sans family of fonts (version 3.015), designed by Rasmus Andersson. Inter is a typeface specially designed for user interfaces with focus on high legibility of small-to-medium sized text on computer screens. The family features a tall x-height to aid in readability of mixed-case and lower-case text.  
URL: <https://mirror.ctan.org/fonts/inter>  
PKG-URL: <https://ctan.org/pkg/inter>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/captdef>  
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 PKG-URL: <https://ctan.org/pkg/oldstyle>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/topcapt.sty>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/phfcc>  
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 URL: <https://mirror.ctan.org/info/templates/fenn>  
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/code>  
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- Thus bugfixes and other such communications are clearly visible together when viewing the document, while the document itself is not obscured.
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 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/dynblocks>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/engtlc>  
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/hf-tikz>  
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  - *The sa-tikz package. TikZ library to draw switching architectures.* 2018-01-06. Version 0.7a. LICENSE: lppl1.3  
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 PKG-URL: <https://ctan.org/pkg/enpassant>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/lua-typo>  
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 PKG-URL: <https://ctan.org/pkg/mathtex>

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 URL: <https://mirror.ctan.org/support/mimetex>  
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 PKG-URL: <https://ctan.org/pkg/dpfloat>
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 PKG-URL: <https://ctan.org/pkg/fourproject>
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 PKG-URL: <https://ctan.org/pkg/expex>

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URL: <https://mirror.ctan.org/macros/generic/soul>  
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 PKG-URL: <https://ctan.org/pkg/mailmerge>
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 PKG-URL: <https://ctan.org/pkg/numberpt>
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 The package provides a counter style (like , and others) which produces as output strings like “primeiro” (“first” in Portuguese), “segundo” (second), and so on up to 1999th. Separate counter commands are provided for different letter case variants, and for masculine and feminine gender inflections.  
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 PKG-URL: <https://ctan.org/pkg/pagecont>
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 PKG-URL: <https://ctan.org/pkg/timbreicmc>
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 PKG-URL: <https://ctan.org/pkg/bib2dvi>
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 URL: <https://mirror.ctan.org/macros/texinfo/texinfo>  
 PKG-URL: <https://ctan.org/pkg/texinfo>
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 PKG-URL: <https://ctan.org/pkg/lualatex-truncate>
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 PKG-URL: <https://ctan.org/pkg/mensa-tex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfpc-movie>  
 PKG-URL: <https://ctan.org/pkg/pdfpc-movie>
  - *The termcal-de package. German localization for termcal*. 2018-03-24. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/termcal-de>  
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  - *The textualcomma package. Use the textual comma character as decimal separator in math mode*. 2018-08-23. Version 1.1. LICENSE: lppl1.3c  
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 PKG-URL: <https://ctan.org/pkg/textualcomma>
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 URL: <https://mirror.ctan.org/macros/texinfo/latest>  
 PKG-URL: <https://ctan.org/pkg/texi2dvi-latest>
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 URL: <https://mirror.ctan.org/macros/luatex/generic/cloze>  
 PKG-URL: <https://ctan.org/pkg/cloze>
- *The luakeys package. A Lua module for parsing key-value options*. 2022-07-06. Version 0.7.0. 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://mirror.ctan.org/macros/luatex/generic/luakeys>  
 PKG-URL: <https://ctan.org/pkg/luakeys>
- *The nodetree package. Visualize node lists in a tree view.* 2020-10-23. Version 2.2. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug informations 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.  
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 URL: <https://mirror.ctan.org/biblio/bibtex/utis/tex2bib>  
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 URL: <https://mirror.ctan.org/support/texdepend>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/democodetools>  
 PKG-URL: <https://ctan.org/pkg/democodetools>
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 PKG-URL: <https://ctan.org/pkg/tikz-optics>
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 PKG-URL: <https://ctan.org/pkg/biblatex-chicago>
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 PKG-URL: <https://ctan.org/pkg/coolthms>
- *The tikzpfeile package. Draw arrows using PGF/TikZ*. 2016-06-24. Version 1.0. LICENSE: lpl1. 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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- Gilg, Jürgen, Manuel Luque, Patrice Megrét, and Herbert Voß. *The pst-electricfield package. Draw electric field and equipotential lines with PSTricks*. 2016-06-24. Version 0.14. LICENSE: lppl. The package provides

- macros to plot electric field and equipotential lines using . There may be any number of charges which can be placed in a cartesian coordinate system by (x,y) values.  
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 PKG-URL: <https://ctan.org/pkg/pst-moire>
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 PKG-URL: <https://ctan.org/pkg/harvmac>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/skills>  
 PKG-URL: <https://ctan.org/pkg/skills>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/piechart>  
 PKG-URL: <https://ctan.org/pkg/piechart>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fr3d>  
 PKG-URL: <https://ctan.org/pkg/pst-fr3d>
- Girou, Denis, Christophe Jorssen, Manuel Luque, and Herbert Voß. *The pst-labo package. Draw objects for Chemistry laboratories*. 2018-09-15. Version 2.04. LICENSE: lppl. Pst-labo is a related package for drawing basic and complex chemical objects. The documentation of the package is illuminated with plenty of illustrations together with their source code, making it an easy read.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-labo>  
 PKG-URL: <https://ctan.org/pkg/pst-labo>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>  
 PKG-URL: <https://ctan.org/pkg/pst-light3d>
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 PKG-URL: <https://ctan.org/pkg/pst-fill>
- *The pst-gantt package. Draw GANTT charts with PSTricks.* 2018-09-15. Version 0.22a. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/pst-gantt>
  - *The pst-gr3d package. Three dimensional grids with PSTricks.* 2016-06-24. Version 1.34. LICENSE: lppl.  
 This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>  
 PKG-URL: <https://ctan.org/pkg/pst-gr3d>
- Girou, Denis and Herbert Voß. *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 parallelipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>  
 PKG-URL: <https://ctan.org/pkg/pst-ob3d>
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 PKG-URL: <https://ctan.org/pkg/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X.* 2018-09-15. Version 0.11. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/uml>
- Glazkov, Dmitry A. *The shadbox package. Shade the background of any box.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shadbox>  
 PKG-URL: <https://ctan.org/pkg/shadbox>
- *The tracking package. Adjust tracking of strings.* 2019-06-21. LICENSE: other-nonfree  
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 PKG-URL: <https://ctan.org/pkg/tracking>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number.* 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an “overfull \hbox” warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>  
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- Glenn, Paulley. *The chicago package. A “Chicago” bibliography style.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>  
 PKG-URL: <https://ctan.org/pkg/chicago>
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 This is a modification of the author’s style, to support an ‘annotation’ field in bibliographies.  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>  
 PKG-URL: <https://ctan.org/pkg/chicagoo>
- Gliboff, Sander. *The biblatex-historian package. A BibLaTeX style.* 2016-06-24. Version 0.4. LICENSE: lppl  
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 URL: <https://mirror.ctan.org/fonts/cyrillic/glonti>  
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 PKG-URL: <https://ctan.org/pkg/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats*. 2017-04-18. Version 3.50. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/pstoeedit>  
 PKG-URL: <https://ctan.org/pkg/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.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>  
 PKG-URL: <https://ctan.org/pkg/italic>
- *The newsletr package. Macros for making newsletters with Plain TeX*. 2016-06-18. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/plain/contrib/newsletr>  
 PKG-URL: <https://ctan.org/pkg/newsletr>
  - *The quote package. Match pairs of double-quote characters*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>  
 PKG-URL: <https://ctan.org/pkg/quote>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>  
 PKG-URL: <https://ctan.org/pkg/savesym>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
 PKG-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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 PKG-URL: <https://ctan.org/pkg/tufte-latex>
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 URL: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>  
 PKG-URL: <https://ctan.org/pkg/figsinltx>
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- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool.* 2016-06-18. Version 1.1. LICENSE: gpl  
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 PKG-URL: <https://ctan.org/pkg/qbibman>
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 URL: <https://mirror.ctan.org/info/lshort/polish>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/redis>  
 PKG-URL: <https://ctan.org/pkg/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 and 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://mirror.ctan.org/macros/latex/contrib/endfloat>  
 PKG-URL: <https://ctan.org/pkg/endfloat>
- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books.* 2016-06-24. Version 0.1. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/thumby>  
 PKG-URL: <https://ctan.org/pkg/thumby>
- Goldschmitt, Ulrich. *The ulsy package. Extra mathematical characters.* 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/ulsy>  
 PKG-URL: <https://ctan.org/pkg/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.  
 URL: <https://mirror.ctan.org/fonts/ps-type1/ulsy>  
 PKG-URL: <https://ctan.org/pkg/ulsy-ps>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding.* 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/aurical>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>  
 PKG-URL: <https://ctan.org/pkg/shapepatch>

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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>  
 PKG-URL: <https://ctan.org/pkg/pgf-spectra>
- Gonçalves, Luís Nobre. *The featpost package. MetaPost macros for 3D*. 2018-01-06. Version 0.8.8. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/featpost>  
 PKG-URL: <https://ctan.org/pkg/featpost>
- González, Luis, Javier Toro, and Pedro Linares. *The interactiveanimation package. Create PDF files with branching animations*. 2016-06-24. Version 0.2. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>  
 PKG-URL: <https://ctan.org/pkg/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC 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 L<sup>A</sup>T<sub>E</sub>X user in mind.  
 URL: <https://mirror.ctan.org/support/jed/latex4jed>  
 PKG-URL: <https://ctan.org/pkg/latex4jed>
- *The LaTeX4Musicians package. A guide for combining L<sup>A</sup>T<sub>E</sub>X and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
 URL: <https://mirror.ctan.org/info/latex4musicians>  
 PKG-URL: <https://ctan.org/pkg/latex4musicians>
  - *The latex4wp package. A L<sup>A</sup>T<sub>E</sub>X guide specifically designed for word processor users*. 2016-06-24. Version 1.0.10. LICENSE: fdl  
 URL: <https://mirror.ctan.org/info/latex4wp>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/info/latex4wp-it>  
 PKG-URL: <https://ctan.org/pkg/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/basicarith>  
 PKG-URL: <https://ctan.org/pkg/basicarith>
- *The catechis package. Macros for typesetting catechisms*. 2021-07-20. Version 2.6. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/catechis>  
 PKG-URL: <https://ctan.org/pkg/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, L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/clrdblpg>  
 PKG-URL: <https://ctan.org/pkg/clrdblpg>
  - *The colophon package. Provides commands for producing a colophon*. 2018-06-03. Version 1.1. LICENSE: lpl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/colophon>  
 PKG-URL: <https://ctan.org/pkg/colophon>
- *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”).* 2018-05-11. Version 7.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/dozenal>  
 PKG-URL: <https://ctan.org/pkg/dozenal>
  - *The drm package. A complete family of fonts written in Metafont.* 2016-06-24. Version 4.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/drm>  
 PKG-URL: <https://ctan.org/pkg/drm>
- Goodman, Donald P. *The liturg package. Support for typesetting Catholic liturgical texts.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/liturg>  
 PKG-URL: <https://ctan.org/pkg/liturg>
- *The lroundrect package. LaTeX macros for utilizing the roundrect MetaPost routines.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with L<sup>A</sup>T<sub>E</sub>X. It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/generic/modulus>  
 PKG-URL: <https://ctan.org/pkg/modulus>
  - *The padcount package. Pad numbers with arbitrary characters.* 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/padcount>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/poetry>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/metapost/contrib/macros/roundrect>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/metapost/contrib/macros/shapes>  
 PKG-URL: <https://ctan.org/pkg/shapes>
  - *The texdate package. Date printing, formatting, and manipulation in TeX.* 2018-12-09. Version 2.0. LICENSE: lppl1.3c. TeX and L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/generic/texdate>  
 PKG-URL: <https://ctan.org/pkg/texdate>
- *The xellipsis package. Extremely configurable ellipses with formats for various style manuals.* 2018-04-16. Version 2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xellipsis>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/yaletter>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/systems/msdos/emtex-contrib/cyrtug>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/utilities/mm>  
 PKG-URL: <https://ctan.org/pkg/mm>
- *The webcomp-errata package. Errata list for The L<sup>A</sup>T<sub>E</sub>X Web Companion.* 2016-10-18. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/base>  
 PKG-URL: <https://ctan.org/pkg/webcomp-errata>
- 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 TeXbook.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/boxit.sty>  
 PKG-URL: <https://ctan.org/pkg/boxit-ltx>
- *The midnight package. A set of useful macro tools.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/generic/midnight>  
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- Görlach, Tobias. *The hobete package. Unofficial beamer theme for the University of Hohenheim.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hobete>  
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- Gosmann, Jan. *The tikz-nef package. Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF).* 2020-07-08. Version 0.1. LICENSE: mit  
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 URL: <https://mirror.ctan.org/macros/generic/tex-ewd>  
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 URL: <https://mirror.ctan.org/systems/unix/tex-fpc>  
 PKG-URL: <https://ctan.org/pkg/tex-fpc>
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 PKG-URL: <https://ctan.org/pkg/rtkennc>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>  
 PKG-URL: <https://ctan.org/pkg/tcldoc>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/xdoc>  
 PKG-URL: <https://ctan.org/pkg/xdoc>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/concepts>  
 PKG-URL: <https://ctan.org/pkg/concepts>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>  
 PKG-URL: <https://ctan.org/pkg/lt3graph>
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URL: <https://mirror.ctan.org/macros/latex/contrib/withargs>  
PKG-URL: <https://ctan.org/pkg/withargs>
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PKG-URL: <https://ctan.org/pkg/noindentafter>
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PKG-URL: <https://ctan.org/pkg/mpstoeps>
- *The pointruler package. 12” Ruler containing Points and Inches.* 2016-06-24. LICENSE: lpl  
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PKG-URL: <https://ctan.org/pkg/pointruler>
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URL: <https://mirror.ctan.org/macros/latex/contrib/getitems>  
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 PKG-URL: <https://ctan.org/pkg/annee-scolaire>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/clefval>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/engpron>  
 PKG-URL: <https://ctan.org/pkg/engpron>
- Henel, Yvon. *The engrec package. Enumerate with lower- or uppercase Greek letters.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/engrec>  
 PKG-URL: <https://ctan.org/pkg/engrec>
- *The expose-expl3-dunkerque-2019 package. Using expl3 to implement some numerical algorithms.* 2020-04-11. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>  
 PKG-URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>
  - *The modroman package. Write numbers in lower case roman numerals.* 2016-06-24. Version 1. LICENSE: lppl. This package provides only two macros viz. `\modroman` which writes the number given as argument in lower case roman numeral with a ‘j’ instead of a ‘i’ as the final letter of numbers greater than 1 and which writes the value of a counter in the same way. You use the first in the same way as the TeX primitive and the second as L<sup>A</sup>T<sub>E</sub>X command. The default option is ‘vpourv’ with which 5 is ‘translated’ as ‘v’ and option ‘upourv’ with which the same 5 is given as ‘u’.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/modroman>  
 PKG-URL: <https://ctan.org/pkg/modroman>
  - *The nonumonpart package. Prevent page numbers on part pages.* 2016-06-24. Version 1. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>  
 PKG-URL: <https://ctan.org/pkg/nonumonpart>
  - *The paresse package. Define simple macros for greek letters.* 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of  $\alpha$ . However, it takes care only of letters which have a macro name like `\alpha` or `\beta`.  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/yagussylo>  
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 URL: <https://mirror.ctan.org/fonts/sourcesanspro>  
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- *The ctanbib package. Export CTAN entries to bib format*. 2021-06-30. Version 0.2a. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/support/ctanbib>  
PKG-URL: <https://ctan.org/pkg/ctanbib>
- Hoftich, Michal. *The linebreaker package. Prevent overflow boxes with LuaLaTeX*. 2022-03-12. Version 0.1a. LICENSE: lpl1.3. This package tries to prevent overflow lines in paragraphs or boxes. It changes LuaTeX's callback and re-typesets the paragraph with increased values of and until the overflow no longer happens. If that doesn't help, it chooses the solution with the lowest badness.  
URL: <https://mirror.ctan.org/macros/luatex/latex/linebreaker>  
PKG-URL: <https://ctan.org/pkg/linebreaker>
- *The Lua-UCA package. Unicode Collation Algorithm library for Lua*. 2021-11-10. Version 0.1b. LICENSE: mit  
URL: <https://mirror.ctan.org/support/lualibs/lua-uca>  
PKG-URL: <https://ctan.org/pkg/lua-uca>
  - *The luavlina package. Prevent line breaks after single letter words, units, or academic titles*. 2022-08-17. Version 0.1j. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/luatex/generic/luavlina>  
PKG-URL: <https://ctan.org/pkg/luavlina>
  - *The luaxml package. Lua library for reading and serialising XML files*. 2021-10-07. Version 0.1q. LICENSE: other-free. LuaXML is a pure Lua library for reading and serializing XML files. The current release is aimed mainly at support for the package. The documentation was created by automatic conversion of original documentation in the source code.  
URL: <https://mirror.ctan.org/macros/luatex/generic/luaxml>  
PKG-URL: <https://ctan.org/pkg/luaxml>
  - *The make4ht package. A build system for tex4ht*. 2022-03-22. Version 0.3l. LICENSE: lpl1.3. is a simple build system for , a TeX to XML converter. It provides a command line tool that drives the conversion process. It also provides a library which can be used to create customized conversion tools.  
URL: <https://mirror.ctan.org/support/make4ht>  
PKG-URL: <https://ctan.org/pkg/make4ht>
  - *The odsfile package. Read OpenDocument Spreadsheet documents as L<sup>A</sup>T<sub>E</sub>X tables*. 2016-06-24. Version 0.6. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/luatex/latex/odsfile>  
PKG-URL: <https://ctan.org/pkg/odsfile>
  - *The sectionbreak package. LaTeX support for section breaks*. 2019-03-11. Version 0.1d. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>  
PKG-URL: <https://ctan.org/pkg/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats*. 2022-02-18. Version 0.3h. LICENSE: lpl1.3. 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://mirror.ctan.org/support/tex4ebook>  
PKG-URL: <https://ctan.org/pkg/tex4ebook>

- *The uninormalize package. Unicode normalization support.* 2021-01-03. Version 0.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/uninormalize>  
 PKG-URL: <https://ctan.org/pkg/uninormalize>
- Hogben, Colin and Bernard Gaulle. *The pos-at package. Position things at absolute positions on the page.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/at.sty>  
 PKG-URL: <https://ctan.org/pkg/pos-at>
- Hogeveen, Sake J. *The astron package. BibTeX style for astronomical journals.* 2016-06-24. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/astron>  
 PKG-URL: <https://ctan.org/pkg/astron>
- Høgholm, Morten. *The dblfloatfix package. Fixes for twocolumn floats.* 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package solves two problems: floats in a twocolumn document come out in the right order and allowed float positions are now . The package actually merges facilities from and .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>  
 PKG-URL: <https://ctan.org/pkg/dblfloatfix>
- Høgholm, Morten, Lars Madsen, Will Robertson, and Joseph Wright. *The mh package. Stub for the (old) ‘mh’ bundle.* 2016-06-24. LICENSE: lppl1.3. The mh bundle was a series of packages to enhance the appearance of documents containing a lot of maths; the package were designed to support and extend the L<sup>A</sup>T<sub>E</sub>X The packages (no longer distributed as a bundle) comprise:  
  
 PKG-URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>.\*.* 2022-06-22. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>  
 PKG-URL: <https://ctan.org/pkg/xfrac>
- Høgholm, Morten, Lars Madsen, Will Robertson, Joseph Wright, and Michael J. Downes. *The flexisym package. Symbol manipulation for breqn.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/breqn>  
 PKG-URL: <https://ctan.org/pkg/flexisym>
- Høgholm, Morten, Lars Madsen, The LaTeX Project Team, Will Robertson, and Joseph Wright. *The empheq package. EMPHAsizing EQuations.* 2020-03-24. Version 2.16. LICENSE: lppl1.3. This package is part of the bundle. it provides a visual markup extension to . The user-friendly interface allows the user to put a set of equations inside a box thus enhancing the feature of amsmath. As a side effect it is also possible to add material on both sides of the equations thus providing (and surpassing) the functionality of the package. Users of will probably want to have a look at it as well, since the problem with end-of-theorem marks in and other environments can be circumvented using .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathtools>  
 PKG-URL: <https://ctan.org/pkg/empheq>
- *The mathtools package. Mathematical tools to use with amsmath.* 2022-06-30. Version 1.29. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathtools>  
 PKG-URL: <https://ctan.org/pkg/mathtools>
- Hohti, Aarno and Okko Kanerva. *The apl package. Fonts for typesetting APL programs.* 2021-08-26. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/apl>  
 PKG-URL: <https://ctan.org/pkg/apl>

- Holbrook, Joshua. *The uafthesis package. Document class for theses at University of Alaska Fairbanks.* 2020-12-30. Version 12.12. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/uafthesis>  
 PKG-URL: <https://ctan.org/pkg/uafthesis>
- Holfert, Jan. *The trsym package. Symbols for transformations.* 2016-06-24. Version 1.0. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/fonts/trsym>  
 PKG-URL: <https://ctan.org/pkg/trsym>
- Holkar, Rohit Dilip. *The latex-mr package. A practical guide to L<sup>A</sup>T<sub>E</sub>X and Polyglossia for Marathi and other Indian languages.* 2020-06-07. Version 1.0. LICENSE: lppl1.3. The package provides a short guide to L<sup>A</sup>T<sub>E</sub>X and specifically to the package. This document aims to introduce L<sup>A</sup>T<sub>E</sub>X and polyglossia for Indian languages. Though the document often discusses the language Marathi, the discussion applies to other India languages also, with some minute changes which are described in Section 1.2. We assume that the user of this document knows basic (La)TeX or has, at least, tried her hand on it. This document is not very suitable for first time users.  
 URL: <https://mirror.ctan.org/info/latex-mr>  
 PKG-URL: <https://ctan.org/pkg/latex-mr>
- Holmes, Rich. *The anti package. Typeset an anti-particle in maths mode.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/anti.tex>  
 PKG-URL: <https://ctan.org/pkg/anti>
- Holt, Alexander and Jean-François Lamy. *The a4wide package. "Wide" a4 layout.* 2016-06-24. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/a4wide>  
 PKG-URL: <https://ctan.org/pkg/a4wide>
- Holzmann, Frédéric. *The symbolindex package. Generate a list of symbols with different subgroups.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/symbolindex>  
 PKG-URL: <https://ctan.org/pkg/symbolindex>
- Höns, Robin. *The nlatexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and .Net (or Mono).* 2016-06-24. Version 0.03. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/nlatexdb>  
 PKG-URL: <https://ctan.org/pkg/nlatexdb>
- *The ratexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and Ruby.* 2016-06-24. Version 0.13. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/ratexdb>  
 PKG-URL: <https://ctan.org/pkg/ratexdb>
- Horn, Berthold K. P. *The msym package. A partial implementation of the old msym10 font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/msym>  
 PKG-URL: <https://ctan.org/pkg/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 fonts.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/em>  
 PKG-URL: <https://ctan.org/pkg/psnfssx-em>
- Horn, Berthold K. P. and Khaled Hosny. *The bbold-type1 package. An Adobe Type 1 format version of the bbold font.* 2016-06-24. LICENSE: other-free

URL: <https://mirror.ctan.org/fonts/bbold-type1>  
 PKG-URL: <https://ctan.org/pkg/bbold-type1>

Horne, Roger. *The lextex package. Typesetting legal documents using plain TeX*. 2016-06-24. Version 1.005.  
 LICENSE: noinfo. LeTeX is a collection of macros intended to enable English lawyers, and in particular Barristers, to format their work using Plain TeX. The bundle incorporates the ruled table macros from .  
 URL: <https://mirror.ctan.org/macros/plain/contrib/lextex>  
 PKG-URL: <https://ctan.org/pkg/lextex>

Horvath, Kent. *The lewis package. Draw Lewis structures*. 2016-06-24. Version 0.1. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lewis>  
 PKG-URL: <https://ctan.org/pkg/lewis>

Hosek, Don. *The apeqnum package. Number equations by appendix*. 2016-06-24. LICENSE: noinfo. A package (originally written for L<sup>A</sup>T<sub>E</sub>X 2.09, but will work in L<sup>A</sup>T<sub>E</sub>X 2e) to cause equation numbers in class (style), as A1, A2, A3, ..., B1, etc.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>  
 PKG-URL: <https://ctan.org/pkg/apeqnum>

- *The cmpica package. A Computer Modern Pica variant*. 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/fonts/cmpica>  
 PKG-URL: <https://ctan.org/pkg/cmpica>
- *The epigram package. Display short quotations*. 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>  
 PKG-URL: <https://ctan.org/pkg/epigram>
- *The landscape package. Set up for typesetting in landscape*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/landscape.sty>  
 PKG-URL: <https://ctan.org/pkg/landscape>
- *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://mirror.ctan.org/macros/latex209/contrib/misc/mf.sty>  
 PKG-URL: <https://ctan.org/pkg/mflogo209>
- *The resumemac package. Plain TeX macros for resumé*s. 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/plain/contrib/resumemac>  
 PKG-URL: <https://ctan.org/pkg/resumemac>
- *The TeX-mag package. An on-line TeX magazine*. 2016-06-24. LICENSE: digest  
 URL: <https://mirror.ctan.org/info/digests/tex-mag>  
 PKG-URL: <https://ctan.org/pkg/tex-mag>
- *The varisize package. Change font size in Plain TeX*. 2016-06-24. LICENSE: pd. A series of files, each of which defines a size-change macro. Note that is by convention called by one of the other files, so that there's always a “way back”.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/varisize>  
 PKG-URL: <https://ctan.org/pkg/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.)  
 URL: <https://mirror.ctan.org/macros/latex/contrib/breakcites>  
 PKG-URL: <https://ctan.org/pkg/breakcites>

- Hosek, Don and Hans-Martin Münch. *The morefloats package. Increase the number of simultaneous L<sup>A</sup>T<sub>E</sub>X floats*. 2016-06-24. Version 1.0h. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/morefloats>  
 PKG-URL: <https://ctan.org/pkg/morefloats>
- Hosny, Khaled. *The amiri package. A classical Arabic typeface, Naskh style*. 2020-06-02. Version 0.113. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/amiri>  
 PKG-URL: <https://ctan.org/pkg/amiri>
- *The xits package. A Scientific Times-like font with support for mathematical typesetting*. 2020-07-02. Version 1.302. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/xits>  
 PKG-URL: <https://ctan.org/pkg/xits>
- Hosny, Khaled and Donald E. Knuth. *The punknova package. OpenType version of Knuth’s Punk font*. 2016-06-24. Version 1.003. LICENSE: other-free  
 URL: <https://mirror.ctan.org/fonts/punknova>  
 PKG-URL: <https://ctan.org/pkg/punknova>
- Hosny, Khaled and Caleb Maclennan. *The libertinus-fonts package. The Libertinus font family*. 2021-02-26. Version 7.040. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/libertinus-fonts>  
 PKG-URL: <https://ctan.org/pkg/libertinus-fonts>
- Hosoda, Masamichi. *The extractpdfmark package. Extract page mode and named destinations as PDFmark from PDF*. 2022-10-02. Version 1.1.1. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/extractpdfmark>  
 PKG-URL: <https://ctan.org/pkg/extractpdfmark>
- *The haranoaji package. Harano Aji Fonts*. 2022-02-20. Version 20220220. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/haranoaji>  
 PKG-URL: <https://ctan.org/pkg/haranoaji>
- *The haranoaji-extra package. Harano Aji Fonts*. 2022-02-20. Version 20220220. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/haranoaji-extra>  
 PKG-URL: <https://ctan.org/pkg/haranoaji-extra>
- Hossain, M. Zahid. *The noconflict package. Resolve macro name conflict between packages*. 2016-06-24. Version 1.0. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/noconflict>  
 PKG-URL: <https://ctan.org/pkg/noconflict>
- Hossain, Nahid. *The bangla package. A comprehensive Bangla L<sup>A</sup>T<sub>E</sub>X package*. 2021-08-04. Version 2.0. LICENSE: lpl1.3c,ofl  
 URL: <https://mirror.ctan.org/language/bengali/bangla>  
 PKG-URL: <https://ctan.org/pkg/bangla>
- Höst, Stefan. *The polynomial package. Typeset (univariate) polynomials*. 2016-06-24. Version 1.0. LICENSE: lpl1. The package offers an easy way to write (univariate) polynomials and rational functions. It defines two commands, one for polynomials and one for rational functions . Both commands take lists of coefficients as arguments, and offer limited optional behaviour.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/polynomial>  
 PKG-URL: <https://ctan.org/pkg/polynomial>
- Hotta, Kohsaku. *The mathabx-type1 package. Outline version of the mathabx fonts*. 2016-06-24. LICENSE: lpl1. This is an Adobe Type 1 outline version of the fonts.

- URL: <https://mirror.ctan.org/fonts/ps-type1/mathabx>  
 PKG-URL: <https://ctan.org/pkg/mathabx-type1>
- Housley, Brian. *The hletter package. Flexible letter typesetting with flexible page headings*. 2016-06-24. Version 4.2. LICENSE: lppl1.2. The package permits the user to specify easily, with the aid of self defined key-words, letters (with a logo and private) and headings. The heading may include a footer and the letter provides commands to include a scanned signature and two signees. The package works with the package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hletter>  
 PKG-URL: <https://ctan.org/pkg/hletter>
- Howard, Gary A. *The tlc-article package. A L<sup>A</sup>T<sub>E</sub>X document class for formal documents*. 2019-06-23. Version 1.0.17. LICENSE: bsd3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tlc-article>  
 PKG-URL: <https://ctan.org/pkg/tlc-article>
- Howell, Dave. *The musical package. Typeset (musical) theatre scripts*. 2020-04-16. Version 3.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/musical>  
 PKG-URL: <https://ctan.org/pkg/musical>
- Hu, Xuan. *The resumecls package. Typeset a resume both in English and Chinese*. 2020-04-20. Version 0.4.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/xetex/latex/resumecls>  
 PKG-URL: <https://ctan.org/pkg/resumecls>
- Hu, Zou. *The beamertheme-epyt package. A simple and clean theme for L<sup>A</sup>T<sub>E</sub>X beamer class*. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-epyt>  
 PKG-URL: <https://ctan.org/pkg/beamertheme-epyt>
- *The coloring package. Define missing colors by their names*. 2017-04-18. Version 0.2. LICENSE: lppl1.3. This package makes it possible to define colors automatically by their names. This can be useful in drawing TikZ pictures and designing beamer themes. Using the package, you don't need to write before using a color.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/coloring>  
 PKG-URL: <https://ctan.org/pkg/coloring>
  - *The interchar package. Managing character class schemes in XeTeX*. 2017-04-18. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/xetex/latex/interchar>  
 PKG-URL: <https://ctan.org/pkg/interchar>
- Huang, Alpha. *The latex-notes-zh-cn package. Chinese Introduction to TeX and L<sup>A</sup>T<sub>E</sub>X*. 2021-12-29. Version 1.20. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/latex-notes-zh-cn>  
 PKG-URL: <https://ctan.org/pkg/latex-notes-zh-cn>
- Huang, Chua Eng. *The block package. A block letter style for the letter class*. 2016-06-24. LICENSE: pd. A style file for use with the letter class that overwrites the and macros so that letters can be styled with the block letter style instead of the default style. Thus, the return address, the closing, and the signature appear flushed on the left margin.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/block>  
 PKG-URL: <https://ctan.org/pkg/block>
- Huang, Liam. *The sdthesis package. Thesis Template of Shandong University*. 2017-04-18. Version 1.2.1. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/sduthesis>  
 PKG-URL: <https://ctan.org/pkg/sduthesis>
- *The xprintlen package. Print TeX lengths in a variety of units.* 2017-04-18. Version 1.0. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xprintlen>  
 PKG-URL: <https://ctan.org/pkg/xprintlen>
  - Huang, Liam, Unknown, and Zhaoli Wang. *The mcmthesis package. Template designed for MCM/ICM.* 2021-01-05. Version 6.3.1. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mcmthesis>  
 PKG-URL: <https://ctan.org/pkg/mcmthesis>
  - Huang, Pin-Yen. *The Beamertheme-SimpleDarkBlue package. Template for a simple presentation.* 2021-07-28. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simplesdarkerblue>  
 PKG-URL: <https://ctan.org/pkg/beamertheme-simplesdarkerblue>
  - Hughes, Chelsea. *The parnotes package. Notes after every paragraph (or elsewhere).* 2019-07-23. Version 3b. LICENSE: lpl1.3. The package provides the command. The notes are set as (normal) running paragraphs; placement is at the end of each paragraph, or manually, using the command.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/parnotes>  
 PKG-URL: <https://ctan.org/pkg/parnotes>
  - Hughes, Chris. *The latexindent package. Indent a L<sup>A</sup>T<sub>E</sub>X document, highlighting the programming structure.* 2022-06-13. Version 3.18. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/support/latexindent>  
 PKG-URL: <https://ctan.org/pkg/latexindent>
  - Hülse, Rainer and Wolfgang Kaspar. *The expdlist package. Expanded description environments.* 2016-06-24. Version 2.4. LICENSE: lpl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/expdlist>  
 PKG-URL: <https://ctan.org/pkg/expdlist>
  - Hunt, Neil. *The pstex package. Processor for including figures in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.8. LICENSE: nosell. The bundle provides a package whose macros write details of required figures to the file; a separate processor then calculates precise details of the graphic inclusion.  
 URL: <https://mirror.ctan.org/graphics/pstex>  
 PKG-URL: <https://ctan.org/pkg/pstex>
  - Hupfer, Christian. *The assocnt package. Associate counters, making them step when a master steps.* 2016-06-24. Version 0.8. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/assocnt>  
 PKG-URL: <https://ctan.org/pkg/assocnt>
  - *The cntperchap package. Store counter values per chapter.* 2016-06-24. Version 0.3. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cntperchap>  
 PKG-URL: <https://ctan.org/pkg/cntperchap>
  - *The crossreftools package. Expandable extraction of cleveref data.* 2020-07-19. Version 1.0. LICENSE: lpl1.3. This package extracts information from cross-referencing labels, especially those from , in an expandable manner.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/crossreftools>  
 PKG-URL: <https://ctan.org/pkg/crossreftools>
  - *The jumplines package. Articles with teasers and continuation later on.* 2016-06-24. Version 0.2. LICENSE: lpl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/jumplines>  
 PKG-URL: <https://ctan.org/pkg/jumplines>
- *The xassoccnt package. Associated counters stepping simultaneously.* 2021-11-21. Version 2.0. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xassoccnt>  
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 PKG-URL: <https://ctan.org/pkg/unicode>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/index>  
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 URL: <https://mirror.ctan.org/fonts/aesupp>  
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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mparrows>  
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 PKG-URL: <https://ctan.org/pkg/ocr-latex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/pandora-latex>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/subtext>  
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 PKG-URL: <https://ctan.org/pkg/bidihl>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/bidipagegrid>  
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 URL: <https://mirror.ctan.org/macros/xetex/latex/bidipresentation>  
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 PKG-URL: <https://ctan.org/pkg/tram>
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 PKG-URL: <https://ctan.org/pkg/flashcard>

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 with the package.  
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 PKG-URL: <https://ctan.org/pkg/biber-ms-linux>
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 with the package.  
 URL: <https://mirror.ctan.org/biblio/biber-ms/biber-ms-macos>  
 PKG-URL: <https://ctan.org/pkg/biber-ms-macos>

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- *The esperant package. Style option for writing Esperanto texts.* 2016-06-24. Version 1.1.a. LICENSE: nosell. A L<sup>A</sup>T<sub>E</sub>X 2.09 style option for typesetting documents in Esperanto; it seems to be a precursor of the esperanto option of current .  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/esperant.sty>  
 PKG-URL: <https://ctan.org/pkg/esperant>
- *The fc package. Fonts for African languages.* 2016-06-24. Version 1.4. LICENSE: gpl2. The fonts are provided as Metafont source, in the familiar arrangement of lots of (autogenerated) preamble files and a modest set of glyph specifications. (A similar arrangement appears in the and font bundles.)  
 URL: <https://mirror.ctan.org/fonts/jknappen/fc>  
 PKG-URL: <https://ctan.org/pkg/fc>
- *The greekctr package. Represent counters by letters of the Greek alphabet.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>  
 PKG-URL: <https://ctan.org/pkg/greekctr>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/holtpolt.sty>  
 PKG-URL: <https://ctan.org/pkg/holtpolt>
- *The jknappen package. Miscellaneous packages by Joerg Knappen.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>  
 PKG-URL: <https://ctan.org/pkg/jknappen>
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 URL: <https://mirror.ctan.org/language/hyphenation/kmrhyph.tex>  
 PKG-URL: <https://ctan.org/pkg/kmrhyph>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/latin1jk.def>  
 PKG-URL: <https://ctan.org/pkg/latin1jk>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/latin2jk.def>  
 PKG-URL: <https://ctan.org/pkg/latin2jk>
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 PKG-URL: <https://ctan.org/pkg/latin3jk>
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 PKG-URL: <https://ctan.org/pkg/mathbbol>
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 PKG-URL: <https://ctan.org/pkg/mathrsfs>
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 PKG-URL: <https://ctan.org/pkg/ntsfaq>
- *The parboxx package. Two extra alignment options for \parbox.* 2016-06-24. LICENSE: gpl. The package provides alignment options (really at the top of the box) and (really at the bottom of the box), for the standard L<sup>A</sup>T<sub>E</sub>X macro.  
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 PKG-URL: <https://ctan.org/pkg/parboxx>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/sans.sty>  
 PKG-URL: <https://ctan.org/pkg/sans>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/semtrans.sty>  
 PKG-URL: <https://ctan.org/pkg/semtrans>
- *The sgmlcmpt package. Support for L<sup>A</sup>T<sub>E</sub>X formulae as SGML PCDATA.* 2016-06-24. LICENSE: gpl. Replacement control sequences for the characters , , and (as column separator) and for the command . The replacements make it possible to enter L<sup>A</sup>T<sub>E</sub>X formulae as SGML PCDATA.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>  
 PKG-URL: <https://ctan.org/pkg/sgmlcmpt>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/smartmn.sty>  
 PKG-URL: <https://ctan.org/pkg/smartmn>
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 PKG-URL: <https://ctan.org/pkg/babel-indonesian>

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

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 URL: <https://mirror.ctan.org/fonts/ec>  
 PKG-URL: <https://ctan.org/pkg/ec>

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 PKG-URL: <https://ctan.org/pkg/young>

Kneser, Thomas. *The floatfig package. Deprecated: Allows text to be wrapped around figures*. 2016-06-24. LICENSE: nosell  
 URL: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/floatfig.zip>  
 PKG-URL: <https://ctan.org/pkg/floatfig>

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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/colors.sty>  
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 PKG-URL: <https://ctan.org/pkg/side>

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 PKG-URL: <https://ctan.org/pkg/base>

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 URL: <https://mirror.ctan.org/fonts/cm>  
 PKG-URL: <https://ctan.org/pkg/cm>

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 URL: <https://mirror.ctan.org/fonts/cm/mf>  
 PKG-URL: <https://ctan.org/pkg/cm-mf>

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 PKG-URL: <https://ctan.org/pkg/dvitype>
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 URL: <https://mirror.ctan.org/systems/knuth/local/cm>  
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/gkpmac.tex>  
 PKG-URL: <https://ctan.org/pkg/gkpmac>
- *The GraphBase package. A platform for combinatorial algorithms.* 2016-06-24. LICENSE: knuth. A program developed (presumably) in pursuit of work on ‘‘.  
 URL: <https://mirror.ctan.org/support/graphbase>  
 PKG-URL: <https://ctan.org/pkg/graphbase>
- *The gray package. Fonts for gray-scales.* 2016-06-24. LICENSE: knuth  
 URL: <https://mirror.ctan.org/fonts/cm/utilityfonts/gray>  
 PKG-URL: <https://ctan.org/pkg/gray>
- *The jablantile package. Metafont version of tiles in the style of Slavik Jablan.* 2016-06-24. LICENSE: pd. This is a small Metafont font to implement the modular tiles described by Slavik Jablan. For an outline of the theoretical structure of the tiles, see (for example) .  
 URL: <https://mirror.ctan.org/fonts/jablantile>  
 PKG-URL: <https://ctan.org/pkg/jablantile>
- *The knuth-base package. The current state of Knuth’s contributions.* 2016-06-24. LICENSE: knuth. This directory tree holds copies of material on Knuth’s mirror site. The material is divided into two main parts: – the , and – .  
 URL: <https://mirror.ctan.org/systems/knuth>  
 PKG-URL: <https://ctan.org/pkg/knuth-base>
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 PKG-URL: <https://ctan.org/pkg/knuth-dist>
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 URL: <https://mirror.ctan.org/systems/knuth/dist/lib>  
 PKG-URL: <https://ctan.org/pkg/knuth-lib>
  - *The knuth-local package. Knuth's local information.* 2021-03-09. LICENSE: pd. A collection of experimental programs and developments based on, or complementary to, the matter in his .  
 URL: <https://mirror.ctan.org/systems/knuth/local>  
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/llist.tex>  
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 URL: <https://mirror.ctan.org/systems/knuth/dist/mf>  
 PKG-URL: <https://ctan.org/pkg/metafont>
- *The mfbook package. The source of The Metafontbook.* 2021-02-09. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/systems/knuth/dist/mf/mfbook.tex>  
 PKG-URL: <https://ctan.org/pkg/mfbook>
  - *The picmac package. A picture mode in Plain TeX.* 2016-11-06. LICENSE: knuth  
 URL: <https://mirror.ctan.org/systems/knuth/local/lib/picmac.tex>  
 PKG-URL: <https://ctan.org/pkg/picmac>
  - *The plain package. The Plain TeX format.* 2016-11-06. Version 3.141592653. LICENSE: knuth  
 URL: <https://mirror.ctan.org/macros/plain/base>  
 PKG-URL: <https://ctan.org/pkg/plain>
  - *The ransom package. A "very bad typewriter" font.* 2016-06-24. LICENSE: knuth  
 URL: <https://mirror.ctan.org/fonts/ransom>  
 PKG-URL: <https://ctan.org/pkg/ransom>
  - *The selectpage package. Select pages to be output from a document.* 2020-04-11. LICENSE: knuth  
 URL: <https://mirror.ctan.org/macros/generic/misc/selectpage.tex>  
 PKG-URL: <https://ctan.org/pkg/selectpage>
  - *The tangle package. Generate compilable source from web.* 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth's that produces a compilable source from the web representation of a program.  
 URL: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>  
 PKG-URL: <https://ctan.org/pkg/tangle>
  - *The testfont package. A testbed for font evaluation.* 2016-06-24. LICENSE: knuth. This file (part of the distribution) allows the user to select fonts and to perform a number of evaluation tests, from simple font tables through to elaborate pattern samples.  
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- *The texware package. Utility programs for use with TeX.* 2021-08-26. LICENSE: pd  
 URL: <https://mirror.ctan.org/systems/knuth/dist/texware>  
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- *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 TeX source (using the program) that may be typeset for comfortable reading.  
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 PKG-URL: <https://ctan.org/pkg/web>
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 URL: <https://mirror.ctan.org/fonts/latex>  
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 PKG-URL: <https://ctan.org/pkg/psfragx>
- Koellner, Armin. *The VSlit<sub>E</sub>X 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://mirror.ctan.org/fonts/vf-files/vslitex>  
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- Kohler, Eddie. *The LCD<sub>F</sub>-typetools package. A bundle of outline font manipulation tools*. 2020-02-20. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>  
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 URL: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>  
 PKG-URL: <https://ctan.org/pkg/mmafm>
  - *The mmpfb package. Create instance of multiple-master font*. 2017-04-18. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>  
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  - *The mmttools package. Multiple master fonts tools*. 2017-04-18. Version 1.13. LICENSE: gpl  
 URL: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/proposal>  
 PKG-URL: <https://ctan.org/pkg/dfgproposal>
- *The ed package. Editorial Notes for L<sup>A</sup>T<sub>E</sub>X documents*. 2017-04-18. Version 1.8. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ed>  
 PKG-URL: <https://ctan.org/pkg/ed>
  - *The errata package. Error markup for L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.3. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/errata>  
 PKG-URL: <https://ctan.org/pkg/errata>
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 PKG-URL: <https://ctan.org/pkg/euproposal>
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 LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/proposal>  
 PKG-URL: <https://ctan.org/pkg/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*. 2022-09-14. Version 3.2.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/stex>  
 PKG-URL: <https://ctan.org/pkg/stex>
- Kohm, Markus. *The gridset package. Grid, a.k.a. in-register, setting*. 2020-02-12. Version 0.3. 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 L<sup>A</sup>T<sub>E</sub>X. The package helps to get the information needed for grid setting. It does not implement auto grid setting, but there is a command , 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://mirror.ctan.org/macros/latex/contrib/gridset>  
 PKG-URL: <https://ctan.org/pkg/gridset>
- *The GS1 package. Typeset EAN barcodes using TeX rules, only*. 2021-06-18. Version 23. LICENSE: lppl1.3c.  
 The (LaTeX3) package typesets EAN-8 and EAN-13 barcodes, using the facilities of the package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gs1>  
 PKG-URL: <https://ctan.org/pkg/gs1>
  - *The koma-script package. A bundle of versatile classes and packages*. 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/koma-script>
  - *The koma-script-examples package. Examples from the KOMA-Script book*. 2022-07-04. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/info/examples/KOMA-Script-6>  
 PKG-URL: <https://ctan.org/pkg/koma-script-examples>
  - *The koma-script-examples-3 package. Examples from the 3rd edition of the KOMA-Script book*. 2022-07-04.  
 LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/examples/KOMA-Script-3>  
 PKG-URL: <https://ctan.org/pkg/koma-script-examples-3>
  - *The koma-script-examples-4 package. Examples from the 4th edition of the KOMA-Script book*. 2022-07-04.  
 LICENSE: lppl

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 PKG-URL: <https://ctan.org/pkg/koma-script-examples-4>
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 URL: <https://mirror.ctan.org/info/examples/KOMA-Script-5>  
 PKG-URL: <https://ctan.org/pkg/koma-script-examples-5>
  - *The koma-script-obsolete package. Deprecated packages from koma-script.* 2022-07-04. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>  
 PKG-URL: <https://ctan.org/pkg/koma-script-obsolete>
  - *The luaindex package. Create index using LuaLaTeX.* 2016-06-24. Version 0.1b. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/luaindex>  
 PKG-URL: <https://ctan.org/pkg/luaindex>
  - *The makelabels package. Add a ‘makelabels’ feature to KOMA-Script letter classes and package.* 2021-08-21. Version 1.0. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/makelabels>  
 PKG-URL: <https://ctan.org/pkg/makelabels>
- Kohm, Markus. *The marginnote package. Notes in the margin, even where \marginpar fails.* 2018-08-09. Version 1.4b. LICENSE: lpl1.3c. This package provides the command that may be used instead of at almost every place where cannot be used, e.g., inside floats, footnotes, or in frames made with the package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/marginnote>  
 PKG-URL: <https://ctan.org/pkg/marginnote>
- *The normalcolor package. Changing \normalcolor.* 2016-11-16. Version r11. LICENSE: lpl1.3. This package provides a command with the same syntax as the command either of package or of package . However, will not change the colour but the / color.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/normalcolor>  
 PKG-URL: <https://ctan.org/pkg/normalcolor>
  - *The pfarrei package. LaTeX support of pastors’ and priests’ work.* 2016-06-24. Version r36. LICENSE: lpl1.3. In “Die TeXnische Komödie” (issue 1/2013) Christian Justen described his use of L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/pfarrei>  
 PKG-URL: <https://ctan.org/pkg/pfarrei>
  - *The rule-d package. Provide L<sup>A</sup>T<sub>E</sub>X3 commands for typesetting rules.* 2021-06-18. Version 23. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gs1>  
 PKG-URL: <https://ctan.org/pkg/rule-d>
  - *The scraddr package. Provide data from scrptr2’s address files.* 2022-07-04. Version 1.1d. LICENSE: lpl1.3c. 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://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scraddr>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrartcl>
- *The scrbase package. Provide basic features for KOMA-Script.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrbase>
- *The scrbook package. Koma-Script ‘book’ class.* 2022-07-04. Version 3.37. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrbook>
- *The scrdate package. Calendar date operations.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrdate>
- *The scrextend package. Use of components of KOMA-Script by other packages.* 2022-07-04. Version 3.37.  
 LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrextend>
- Kohm, Markus. *The scrjura package. Koma-Script support for lawyers, etc.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrjura>
- *The scrlayer package. Manage text ‘layers’ within KOMA-Script.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c.  
 The package is part of the , and provides control of ‘background’ and ‘foreground’ layers for a page style description.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrlayer>
- *The scrlayer-fancyhdr package. Combining package fancyhdr with KOMA-Script’s scrlayer.* 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/scrlayer-fancyhdr>  
 PKG-URL: <https://ctan.org/pkg/scrlayer-fancyhdr>
- *The scrlayer-notecolumn package. Control note columns parallel to the main text.* 2022-07-04. Version 0.3.3915. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrlayer-notecolumn>
- *The scrlayer-scrpage package. Define and manage page styles.* 2022-07-04. Version 3.37. 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://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrlayer-scrpage>
- *The scrletter package. Letter extension to KOMA-Script classes.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrletter>
- *The scrfile package. Installation control for koma-script packages.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c

- URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrfile>
- *The scr1ttr2 package. Koma-Script ‘letter’ class.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scr1ttr2>
  - *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://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>  
 PKG-URL: <https://ctan.org/pkg/scrpage2>
  - *The scrreprt package. Koma-Script ‘report’ class.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrreprt>
  - *The scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrtime>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files.* 2022-07-04. Version 0.1.10. 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://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/scrwfile>
- Kohm, Markus. *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 TeX’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://mirror.ctan.org/macros/latex/contrib/splitindex>  
 PKG-URL: <https://ctan.org/pkg/splitindex>
- *The tocbasic package. Management of tables/lists of contents (and the like).* 2022-07-04. Version 3.37. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/tocbasic>
  - *The tocstyle package. Define style of Table of contents (etc) files.* 2020-07-22. Version 0.2k-alpha. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>  
 PKG-URL: <https://ctan.org/pkg/tocstyle>
  - *The uni-titlepage package. Universal titlepages with configuration options and predefined styles.* 2022-09-06. Version 1.1a. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/uni-titlepage>  
 PKG-URL: <https://ctan.org/pkg/uni-titlepage>
- Kohm, Markus and Frank Neukam. *The typearea package. Set page margins.* 2022-07-04. Version 3.37. LICENSE: lppl1.3c. Typearea is a part of the bundle, and is well integrated with the requirements of classes in the bundle, but it is also convenient for use as a package in its own right.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>  
 PKG-URL: <https://ctan.org/pkg/typearea>

- Kolachana, Aditya. *The shobhika package. An OpenType Devanāgarī font designed for scholars*. 2019-03-23. Version 1.05. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/shobhika>  
 PKG-URL: <https://ctan.org/pkg/shobhika>
- Kolb, Hans-Peter, Craig Thiersch, and Alexis Dimitriadis. *The gb4e package. Linguistic tools*. 2016-06-24. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gb4e>  
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- Kole, Erik. *The econometrics package. Defines some commands that simplify mathematic notation in economic and econometric writing*. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/econometrics>  
 PKG-URL: <https://ctan.org/pkg/econometrics>
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 URL: <https://mirror.ctan.org/fonts/go>  
 PKG-URL: <https://ctan.org/pkg/go>
- Kołodziejska, Hanna, Bogusław Jackowski, and Marek Ryćko. *The plhyph package. Hyphenation for Polish*. 2021-03-21. Version 3.0b. LICENSE: knuth  
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 PKG-URL: <https://ctan.org/pkg/plhyph>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/simplewick>  
 PKG-URL: <https://ctan.org/pkg/simplewick>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tex-label>  
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/numericplots>  
 PKG-URL: <https://ctan.org/pkg/numericplots>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/langsci/langsci-affiliations.sty>  
 PKG-URL: <https://ctan.org/pkg/langsci-affiliations>
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 PKG-URL: <https://ctan.org/pkg/langsci-avm>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lni>  
 PKG-URL: <https://ctan.org/pkg/biblatex-lni>
- *The luabibentry package. Repeat BibTeX entries in a LuaLaTeX document body*. 2020-06-28. Version 0.1a. LICENSE: lppl1.3. The package reimplements , for use in LuaLaTeX.  
 URL: <https://mirror.ctan.org/macros/luatex/latex/luabibentry>  
 PKG-URL: <https://ctan.org/pkg/luabibentry>

- *The plantuml package. Support for rendering UML diagrams using the syntax and tool of PlantUML.* 2020-05-19. Version 0.3.1. LICENSE: lppl1.3c. The package provides support for rendering UML diagrams using the syntax and tools of PlantUML. The PlantUML syntax is very short and thus enables quickly specifying UML diagrams. Using , PlantUML layouts the diagrams.  
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PKG-URL: <https://ctan.org/pkg/plantuml>
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URL: <https://mirror.ctan.org/macros/latex/contrib/refenums>  
PKG-URL: <https://ctan.org/pkg/refenums>
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URL: <https://mirror.ctan.org/macros/latex/contrib/scientific-thesis-cover>  
PKG-URL: <https://ctan.org/pkg/scientific-thesis-cover>
- Kopp, Oliver and Matthias Mühlich. *The coverpage package. Automatic cover page creation for scientific papers.* 2022-05-31. Version 1.01. LICENSE: lppl1.2  
URL: <https://mirror.ctan.org/macros/latex/contrib/coverpage>  
PKG-URL: <https://ctan.org/pkg/coverpage>
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URL: <https://mirror.ctan.org/macros/latex/contrib/eskdx>  
PKG-URL: <https://ctan.org/pkg/eskdx>
- Korop, Sergey. *The sanskrit-t1 package. Type 1 version of ‘skt’ fonts for Sanskrit.* 2020-06-07. LICENSE: lppl. The sanskrit-t1 font package provides Type 1 version of Charles Wikner’s for the Sanskrit language.  
URL: <https://mirror.ctan.org/fonts/ps-type1/sanskrit>  
PKG-URL: <https://ctan.org/pkg/sanskrit-t1>
- Kort, Eric and Howard Trickey. *The ama package. AMA manual of style citations.* 2016-06-24. LICENSE: other-free  
URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ama.bst>  
PKG-URL: <https://ctan.org/pkg/ama>
- Kosowsky, Conrad. *The innerscript package. Modifies automatic mathematics spacing.* 2021-02-11. Version 1.1. LICENSE: lppl1.3c. This package modifies two aspects of TeX’s automatic interatom mathematics spacing. It uses LuaTeX’s primitives to make superscripts and subscripts more closely resemble and math and to treat subformulas as , effectively eliminating this class.  
URL: <https://mirror.ctan.org/macros/luatex/latex/innerScript>  
PKG-URL: <https://ctan.org/pkg/innerScript>
- *The mathfont package. Use TrueType and OpenType fonts in math mode.* 2021-12-31. Version 2.0. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/mathfont>  
PKG-URL: <https://ctan.org/pkg/mathfont>
- Kostin, Alexei. *The JustFontItTE package. JustFontIt TeX Edition.* 2016-06-24. Version 1.1. LICENSE: nosell  
URL: <https://mirror.ctan.org/fonts/utilities/JustFontItTE>  
PKG-URL: <https://ctan.org/pkg/justfontitte>
- Kotelnikov, Igor A. *The babel-russian package. Russian language module for Babel.* 2021-01-10. Version 1.3m. LICENSE: lppl1.3c

URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/russian>  
 PKG-URL: <https://ctan.org/pkg/babel-russian>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/dottex>  
 PKG-URL: <https://ctan.org/pkg/dottex>

— *The gnuplottex package. Embed Gnuplot commands in L<sup>A</sup>T<sub>E</sub>X documents*. 2020-04-06. Version 0.9.5. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gnuplottex>  
 PKG-URL: <https://ctan.org/pkg/gnuplottex>

Kotucha, Reinhard. *The luaaddplot package. An extension to pgfplots’ \addplot macro*. 2022-03-30. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/generic/luaaddplot>  
 PKG-URL: <https://ctan.org/pkg/luaaddplot>

— *The vntex-nonfree package. URW Classico and URW Garamond extended for Vietnamese*. 2022-03-12. Version 3.2.2. LICENSE: nosell. This package contains URW Classico and URW Garamond No.8 fonts extended for Vietnamese. It can be installed with .  
 URL: <https://mirror.ctan.org/fonts/vntex-nonfree>  
 PKG-URL: <https://ctan.org/pkg/vntex-nonfree>

Kotucha, Reinhard. *The win32-emacs-auctex package. Ready-to-use Emacs and AucTeX for Windows*. 2020-06-21. Version Emacs 24.5 and AUCTeX 11.89. LICENSE: other-free  
 URL: <https://mirror.ctan.org/obsolete/support/win32-emacs-auctex>  
 PKG-URL: <https://ctan.org/pkg/win32-emacs-auctex>

Kotz, David and Daniel Gildea. *The bibtools package. Bib management tools*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/bibtools>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/totcount>  
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 URL: <https://mirror.ctan.org/support/pdftex-quiet>  
 PKG-URL: <https://ctan.org/pkg/pdftex-quiet>

Krajewski, Markus. *The Synapsen package. Reference management tool for BibTeX*. 2019-06-12. Version 3.0. LICENSE: shareware  
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/Synapsen>  
 PKG-URL: <https://ctan.org/pkg/synapsen>

Krämer, Martin. *The cptex package. Use different code pages for TeX input*. 2016-06-24. Version 1.1. LICENSE: shareware  
 URL: <https://mirror.ctan.org/macros/generic/cptex>  
 PKG-URL: <https://ctan.org/pkg/cptex>



- Kraml, Willibald and James Kilfiger. *The vicentino package. Vicentino fonts*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/fonts/vicentino>  
 PKG-URL: <https://ctan.org/pkg/vicentino>
- Kramm, Sebastian. *The chordbars package. Print chord grids for pop/jazz tunes*. 2018-12-31. Version 1.1. LICENSE: lppl1.3. This -based music-related package is targeted at pop/jazz guitar/bass/piano musicians. They usually need only the chords and the song structure. This package produces rectangular song patterns with “one square per bar”, with the chord shown inside the square. It also handles the song structure by showing the bar count and the repetitions of the patterns.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/chordbars>  
 PKG-URL: <https://ctan.org/pkg/chordbars>
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 PKG-URL: <https://ctan.org/pkg/fig2vect>
- *The pdf-forms-tutorial package. Tutorial on creating PDF forms using pdfLaTeX*. 2016-06-24. Version 0.9.5. LICENSE: fdl. This package contains a tutorial and examples showing how to create PDF forms using with the and packages.  
 URL: <https://mirror.ctan.org/info/pdf-forms-tutorial>  
 PKG-URL: <https://ctan.org/pkg/pdf-forms-tutorial>
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 LICENSE: gpl. FWEB is based on an early version (0.5) of Silvio Levy's . The 'F' stands for Fortran (which motivated the initial development), but FWEB now supports multiple-language programming in C, C++, Fortran, Ratfor, and TeX.  
 URL: <https://mirror.ctan.org/web/fweb>  
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 LICENSE: gpl2. is a GUI ps/eps/pdf converter. , its command-line backend, can be used by itself. Options include grayscaling, cropping margins and single-page selection. Some conversion options are made possible by converting in multiple steps.  
 URL: <https://mirror.ctan.org/support/epspdf>  
 PKG-URL: <https://ctan.org/pkg/epspdf>
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 URL: <https://mirror.ctan.org/obsolete/support/epspdf-extra>  
 PKG-URL: <https://ctan.org/pkg/epspdf-extra>
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 PKG-URL: <https://ctan.org/pkg/disser>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/aligned-overset>  
 PKG-URL: <https://ctan.org/pkg/aligned-overset>
- *The fontawesome5 package. Font Awesome 5 with L<sup>A</sup>T<sub>E</sub>X support*. 2022-05-02. Version 5.15.4. LICENSE: ofl,lpl1.3c. This package provides L<sup>A</sup>T<sub>E</sub>X support for the included “Font Awesome 5 Free” icon set. These icons were designed by and released under the SIL OFL 1.1 license. The commercial “Pro” version is also supported, if it is installed and X<sub>E</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX is used.  
 URL: <https://mirror.ctan.org/fonts/fontawesome5>  
 PKG-URL: <https://ctan.org/pkg/fontawesome5>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/luamathalign>  
 PKG-URL: <https://ctan.org/pkg/luamathalign>
  - *The luapstricks package. A PStricks backend for LuaLaTeX*. 2022-09-11. Version 0.6. LICENSE: lpl1.3. This package enables the use of directly in LuaLaTeX 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://mirror.ctan.org/graphics/pstricks/contrib/luapstricks>  
 PKG-URL: <https://ctan.org/pkg/luapstricks>
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 URL: <https://mirror.ctan.org/obsolete/systems/omega/contrib/antomega>  
 PKG-URL: <https://ctan.org/pkg/antomega>
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 URL: <https://mirror.ctan.org/fonts/ps-type1/cm-lgc>  
 PKG-URL: <https://ctan.org/pkg/cm-lgc>
  - *The grkfinst package. Install Greek Type 1 fonts*. 2016-06-24. Version 0.3.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/grkfinst>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/utilities/fontinst-contrib/ofntinst>  
 PKG-URL: <https://ctan.org/pkg/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  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/highlightlatex>  
 PKG-URL: <https://ctan.org/pkg/highlightlatex>
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 URL: <https://mirror.ctan.org/dviware/dvipsconfig>  
 PKG-URL: <https://ctan.org/pkg/dvipsconfig>

- *The ieeepes package. IEEE Power Engineering Society Transactions.* 2016-06-24. Version 4.0. LICENSE: lppl  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/listbib>  
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 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/vpage.sty>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/listing>  
 PKG-URL: <https://ctan.org/pkg/listing>
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 PKG-URL: <https://ctan.org/pkg/interactiveworkbook>
- Kuhn, Matthew R. *The ascelike package. Bibliography style for the ASCE.* 2016-06-24. Version 2.3. LICENSE: lppl

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 URL: <https://mirror.ctan.org/macros/latex/contrib/bchart>  
 PKG-URL: <https://ctan.org/pkg/bchart>

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 URL: <https://mirror.ctan.org/support/ite>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/apptools>  
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— *The bibleref-parse package. Specify Bible passages in human-readable format*. 2016-06-24. Version 1.1. LICENSE: lpl1.3. 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://mirror.ctan.org/macros/latex/contrib/bibleref-parse>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/medstarbeamer>  
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 PKG-URL: <https://ctan.org/pkg/mfwl>

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 URL: <https://mirror.ctan.org/info/symbols/blackboard>  
 PKG-URL: <https://ctan.org/pkg/blackboard>
- *The doublestroke package. Typeset mathematical double stroke symbols*. 2016-07-29. Version 1.111. LICENSE: other-free  
 URL: <https://mirror.ctan.org/fonts/doublestroke>  
 PKG-URL: <https://ctan.org/pkg/doublestroke>
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 URL: <https://mirror.ctan.org/fonts/t1-fraktur>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jpnedumathsymbols>  
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- use of the fonts and the new symbols from L<sup>A</sup>T<sub>E</sub>X2e.  
 URL: <https://mirror.ctan.org/fonts/psfonts/Mathematica3.0>  
 PKG-URL: <https://ctan.org/pkg/mathematica>
- Küster, Frank. *The alnumsec package. Alphanumeric section numbering*. 2016-06-24. Version 0.03. LICENSE: lppl. This package allows you to use alphanumeric section numbering, for instance “A. Introduction ... III. International Law”. Its output is similar to , but you can use the standard L<sup>A</sup>T<sub>E</sub>X sectioning commands, so that it is possible to switch numbering schemes easily. Greek letters, double letters (bb) and different delimiters around them are supported.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/alnumsec>  
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- *The volumes package. Typeset only parts of a document, with complete indexes etc.* 2016-06-24. Version 1.0. LICENSE: lppl  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/arabicfront>  
 PKG-URL: <https://ctan.org/pkg/arabicfront>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dotlessi>  
 PKG-URL: <https://ctan.org/pkg/dotlessi>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/enumitem>  
 PKG-URL: <https://ctan.org/pkg/enumitem>

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- *The esindex package. Typset index entries in Spanish documents.* 2019-10-11. Version 1.7. LICENSE: mit. This package helps you to create indexes in Spanish. With esindex you can write, say, `\esindexcañón` and the entry will be correctly alphabetized in the index. This release of esindex works with accented characters in any encoding, and without .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/esindex>  
 PKG-URL: <https://ctan.org/pkg/esindex>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdfmag.tex>  
 PKG-URL: <https://ctan.org/pkg/fixpdfmag>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/gindex>  
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 PKG-URL: <https://ctan.org/pkg/luahyphenrules>
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 URL: <https://mirror.ctan.org/macros/latex/exptl/mem>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/soulpos>  
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- *The tensind package. Typeset tensors.* 2019-07-06. Version 1.1. LICENSE: mit  
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 PKG-URL: <https://ctan.org/pkg/tipos>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/titlesec>  
 PKG-URL: <https://ctan.org/pkg/titlesec>
- *The titletoc package. Alternative headings for toc/lof/lot.* 2019-10-16. Version 2.13. LICENSE: mit. A companion for handling toc/lof/lot entries.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/titlesec>  
 PKG-URL: <https://ctan.org/pkg/titletoc>
- López, Javier Bezos and Johannes L. Braams. *The babel package. Multilingual support for L<sup>A</sup>T<sub>E</sub>X, LuaL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and Plain TeX.* 2022-10-04. Version 3.81. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/required/babel/base>  
 PKG-URL: <https://ctan.org/pkg/babel>
- López, Javier Bezos and Johannes L. Braams. *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://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>  
 PKG-URL: <https://ctan.org/pkg/babel-english>
- *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://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>  
 PKG-URL: <https://ctan.org/pkg/babel-finnish>
  - *The babel-interlingua package. Babel support for Interlingua.* 2018-01-13. Version 1.6. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>  
 PKG-URL: <https://ctan.org/pkg/babel-interlingua>
  - *The babel-irish package. Babel support for Irish.* 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>  
 PKG-URL: <https://ctan.org/pkg/babel-irish>
  - *The babel-kurmanji package. Babel support for Kurmanji.* 2018-04-25. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>  
 PKG-URL: <https://ctan.org/pkg/babel-kurmanji>
  - *The babel-norsk package. Babel support for Norwegian.* 2018-01-13. Version 2.0i. 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>  
 PKG-URL: <https://ctan.org/pkg/babel-portuges>
- López, Javier Bezos and Johannes L. Braams. *The babel-scottish package. Babel support for Scottish Gaelic.* 2018-01-13. Version 1.0g. 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>  
 PKG-URL: <https://ctan.org/pkg/babel-scottish>
- *The babel-slovenian package. Babel support for typesetting Slovenian.* 2021-02-06. Version 1.2n. 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>  
 PKG-URL: <https://ctan.org/pkg/babel-slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text.* 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>  
 PKG-URL: <https://ctan.org/pkg/babel-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 L<sup>A</sup>T<sub>E</sub>X built-in-names. Shortcuts are also defined.

- URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>  
 PKG-URL: <https://ctan.org/pkg/babel-romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin*. 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>  
 PKG-URL: <https://ctan.org/pkg/babel-samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, and Arthur Rosendahl. *The babel-hebrew package. Babel support for Hebrew*. 2019-10-31. Version 2.3h. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>  
 PKG-URL: <https://ctan.org/pkg/babel-hebrew>
- López, Javier Bezos, Johannes L. Braams, and Luis Martí. *The babel-esperanto package. Babel support for Esperanto*. 2018-01-13. Version 1.4t. 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>  
 PKG-URL: <https://ctan.org/pkg/babel-esperanto>
- 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>  
 PKG-URL: <https://ctan.org/pkg/babel-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://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>  
 PKG-URL: <https://ctan.org/pkg/babel-sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 2020-04-20. 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://mirror.ctan.org/language/spanish/hyphen-spanish>  
 PKG-URL: <https://ctan.org/pkg/hyphen-spanish>
- López, Javier Bezos and Thomas Ruedas. *The fontefnf package. An introduction to font usage in L<sup>A</sup>T<sub>E</sub>X (German)*. 2016-06-24. LICENSE: nosource. A German translation of a on how to use fonts in L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/info/german/fontefnf.pdf>  
 PKG-URL: <https://ctan.org/pkg/fontefnf>
- 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://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>  
 PKG-URL: <https://ctan.org/pkg/babel-spanish>
- López, Joaquín Ataz. *The guia-bibtex package. Guia casi completa de BibTeX*. 2016-06-24. LICENSE: fdl  
 URL: <https://mirror.ctan.org/info/spanish/guia-bibtex>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/systems/mac/fonts/oztex>  
 PKG-URL: <https://ctan.org/pkg/oztex-fonts>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/german/neufont.tex>  
 PKG-URL: <https://ctan.org/pkg/neufont>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2016-06-24. 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://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>  
 PKG-URL: <https://ctan.org/pkg/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2018-03-07. Version 0.302. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/selnolig>  
 PKG-URL: <https://ctan.org/pkg/selnolig>
- Loreti, 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://mirror.ctan.org/fonts/brushscr>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/bsheaders>  
 PKG-URL: <https://ctan.org/pkg/bsheaders>
  - *The luco1d 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 changed for the generation of different virtual files for whatever font.  
URL: <https://mirror.ctan.org/macros/latex/contrib/lucold>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/recipe>  
PKG-URL: <https://ctan.org/pkg/recipe>
  - *The RGB package. Tables of RGB colour parameters.* 2019-07-06. 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://mirror.ctan.org/info/colour/rgb>  
PKG-URL: <https://ctan.org/pkg/rgb>
  - *The sfheaders package. Sans headers.* 2019-07-06. LICENSE: noinfo  
URL: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/webomints>  
PKG-URL: <https://ctan.org/pkg/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a TeX run.* 2016-06-24. Version 1.13. LICENSE: gpl  
URL: <https://mirror.ctan.org/support/lintex>  
PKG-URL: <https://ctan.org/pkg/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker.* 2022-05-26. Version 3.0.0. LICENSE: apache2,mit  
URL: <https://mirror.ctan.org/support/pkgcheck>  
PKG-URL: <https://ctan.org/pkg/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: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/genmpage>  
PKG-URL: <https://ctan.org/pkg/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.* 2022-10-07. Version 1.0.2. LICENSE: pd  
URL: <https://mirror.ctan.org/info/latex-for-undergraduates>  
PKG-URL: <https://ctan.org/pkg/latex-for-undergraduates>
- *The suppose package. Abbreviate the word “Suppose”.* 2021-05-20. Version 1.2.2. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/suppose>  
PKG-URL: <https://ctan.org/pkg/suppose>
- Louthan, George. *The tucv package. Support for typesetting a CV or résumé.* 2016-06-24. Version 1.0. LICENSE: other-free

URL: <https://mirror.ctan.org/macros/latex/contrib/tucv>  
 PKG-URL: <https://ctan.org/pkg/tucv>

Love, David. *The truecols package. Colour facilities for SliTeX*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>  
 PKG-URL: <https://ctan.org/pkg/truecols>

Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers)*. 2020-03-22. Version 2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/register>  
 PKG-URL: <https://ctan.org/pkg/register>

Lubbers, Mart. *The rutitlepage package. Radboud University Titlepage Package*. 2022-02-22. Version 3.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)  
 PKG-URL: <https://ctan.org/pkg/latexwide>

— *The russian-help package. LaTeX help in Russian*. 2016-06-18. LICENSE: pd  
 URL: <https://mirror.ctan.org/info/win-help/latex/russian>  
 PKG-URL: <https://ctan.org/pkg/russian-help>

Lück, Uwe. *The adhocfilelist package. ‘listfiles’ entries from the command line*. 2017-05-05. LICENSE: lppl  
 URL: <https://mirror.ctan.org/support/adhocfilelist>  
 PKG-URL: <https://ctan.org/pkg/adhocfilelist>

Lück, Uwe. *The bitelist package. Split list, in TeX’s mouth*. 2017-05-05. Version 0.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/bitelist>  
 PKG-URL: <https://ctan.org/pkg/bitelist>

— *The catcodes package. Generic handling of TeX category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/catcodes>  
 PKG-URL: <https://ctan.org/pkg/catcodes>

— *The commado package. Expandable iteration on comma-separated and filename lists*. 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/commado>  
 PKG-URL: <https://ctan.org/pkg/commado>

— *The dhua package. German abbreviations using thin space*. 2017-05-05. Version 0.11. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dhua>  
 PKG-URL: <https://ctan.org/pkg/dhua>

— *The doc-pictex package. A summary list of PicTeX documentation*. 2017-05-05. LICENSE: other-free  
 URL: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>  
 PKG-URL: <https://ctan.org/pkg/doc-pictex>

— *The dowith package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/dowith>  
 PKG-URL: <https://ctan.org/pkg/dowith>

— *The edfnotes 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://mirror.ctan.org/macros/latex/contrib/edfnotes>  
 PKG-URL: <https://ctan.org/pkg/edfnotes>

- *The ednotes package. Typeset scholarly editions.* 2017-05-05. Version 1.3a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ednotes>  
 PKG-URL: <https://ctan.org/pkg/ednotes>
- *The fifinddo package. Filtering files using TeX.* 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/fifinddo.sty>  
 PKG-URL: <https://ctan.org/pkg/fifinddo>
- *The fifinddo-info package. German HTML beamer presentation on nicetext and morehype.* 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/fifinddo-info>  
 PKG-URL: <https://ctan.org/pkg/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 L<sup>A</sup>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://mirror.ctan.org/macros/latex/contrib/filedate>  
 PKG-URL: <https://ctan.org/pkg/filedate>
- *The fileinfo package. Enhanced display of L<sup>A</sup>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://mirror.ctan.org/macros/latex/contrib/fileinfo>  
 PKG-URL: <https://ctan.org/pkg/fileinfo>
- *The finstrut package. Adjust behaviour of the ends of footnotes.* 2017-05-06. Version 0.5. LICENSE: lppl1.3. The L<sup>A</sup>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://mirror.ctan.org/macros/latex/contrib/finstrut>  
 PKG-URL: <https://ctan.org/pkg/finstrut>
- Lück, Uwe. *The fnlineno package. Number the lines of footnotes.* 2017-05-06. Version 0.55. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lineno>  
 PKG-URL: <https://ctan.org/pkg/fnlineno>
- *The ifnextok package. Utility macro: peek ahead without ignoring spaces.* 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>  
 PKG-URL: <https://ctan.org/pkg/ifnextok>
- *The inputtrc package. Trace which file loads which.* 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>  
 PKG-URL: <https://ctan.org/pkg/inputtrc>
- *The langcode package. Simple language-dependent settings based on language codes.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/langcode>  
 PKG-URL: <https://ctan.org/pkg/langcode>
- *The latexfileinfo-pkgs package. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information.* 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/latexfileinfo-pkgs>  
 PKG-URL: <https://ctan.org/pkg/latexfileinfo-pkgs>
- *The longnamefilelist package. Tidy \listfiles with long file names.* 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>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://mirror.ctan.org/macros/latex/contrib/longnamefilelist>  
 PKG-URL: <https://ctan.org/pkg/longnamefilelist>
- *The ltabptch package. Bug fix for longtable.* 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>  
 PKG-URL: <https://ctan.org/pkg/ltabptch>
  - *The makedoc package. Preprocessing documentation with TeX.* 2017-05-06. Version 0.52. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext>  
 PKG-URL: <https://ctan.org/pkg/makedoc>
  - *The monofill package. Alignment of plain text.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/monofill>  
 PKG-URL: <https://ctan.org/pkg/monofill>
  - *The morehype package. Hypertext tools for use with L<sup>A</sup>T<sub>E</sub>X.* 2017-05-06. Version r0.83. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/morehype>  
 PKG-URL: <https://ctan.org/pkg/morehype>
  - *The myfilist package. Configuring the output of the \listfiles command.* 2018-01-06. Version 0.71. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>  
 PKG-URL: <https://ctan.org/pkg/myfilist>
  - Lück, Uwe. *The nicefilelist package. Provide \listfiles alignment.* 2017-05-06. Version 0.7a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>  
 PKG-URL: <https://ctan.org/pkg/nicefilelist>
  - *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation.* 2017-05-06. Version r0.67. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext>  
 PKG-URL: <https://ctan.org/pkg/nicetext>
  - *The niceverb package. Minimising markup for documenting L<sup>A</sup>T<sub>E</sub>X packages.* 2017-05-06. Version 0.51. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/niceverb.sty>  
 PKG-URL: <https://ctan.org/pkg/niceverb>
  - *The pictex-autoarea package. Automatic computation of bounding boxes with PiT<sub>E</sub>X.* 2021-06-10. Version 0.3a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>  
 PKG-URL: <https://ctan.org/pkg/pictex-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., TeX-format-independent) packaged, combining functionality, fallback definitions for L<sup>A</sup>T<sub>E</sub>X and functionality, and handling of arbitrary (multiple) “private letters” (analogous L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/generic/plainpkg>  
 PKG-URL: <https://ctan.org/pkg/plainpkg>
  - *The readprov package. Provides GetFileInfo without the need to load the file.* 2017-05-06. Version 0.5. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>  
 PKG-URL: <https://ctan.org/pkg/readprov>
- *The tamefloats package. Experimentally use \holdinginserts with L<sup>A</sup>T<sub>E</sub>X floats.* 2017-05-06. Version 0.42. LICENSE: lppl1.3. 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://mirror.ctan.org/macros/latex/contrib/tamefloats>  
 PKG-URL: <https://ctan.org/pkg/tamefloats>
  - *The typeoutfileinfo package. Display class/package/file information.* 2017-05-06. Version 0.31. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/support/typeoutfileinfo>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/versions>  
 PKG-URL: <https://ctan.org/pkg/versions>
  - *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document.* 2017-05-06. Version 0.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext>  
 PKG-URL: <https://ctan.org/pkg/wiki>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/bard/bard.mf>  
 PKG-URL: <https://ctan.org/pkg/bard>
- *The srune package. Saxon rune font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/srune>  
 PKG-URL: <https://ctan.org/pkg/srune>
- Ludewig, Berthold. *The schwell package. Calligraphic font for typesetting handwriting in Schwell style.* 2016-07-29. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/gothic/sueterlin>  
 PKG-URL: <https://ctan.org/pkg/schwell>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style.* 2016-07-29. LICENSE: pd  
 URL: <https://mirror.ctan.org/fonts/gothic/sueterlin>  
 PKG-URL: <https://ctan.org/pkg/sueterlin>
  - *The va package. Handwriting fonts.* 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
 URL: <https://mirror.ctan.org/fonts/va>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/info/translations/enumitem/de>  
 PKG-URL: <https://ctan.org/pkg/translation-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://mirror.ctan.org/macros/generic/fntproof>  
 PKG-URL: <https://ctan.org/pkg/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size.* 2016-06-24. Version 0.9. LICENSE: lppl. Redefines `\mathdots` and `\mathdots*`, and defines `\mathdots*`. The dots produced by `\mathdots` slant in the opposite direction to `\mathdots*`. All the commands are designed to change size appropriately in scripts, as well as in response to L<sup>A</sup>T<sub>E</sub>X size changing commands. The commands may also be used in plain TeX.  
 URL: <https://mirror.ctan.org/macros/generic/mathdots>  
 PKG-URL: <https://ctan.org/pkg/mathdots>
  - *The minifp package. Fixed-point real computations to 8 decimals.* 2016-06-24. Version 0.96. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/minifp>  
 PKG-URL: <https://ctan.org/pkg/minifp>
  - *The nkarta package. A “new” version of the karta cartographic fonts.* 2016-06-24. 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://mirror.ctan.org/fonts/nkarta>  
 PKG-URL: <https://ctan.org/pkg/nkarta>
- Luecking, Daniel H. *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://mirror.ctan.org/macros/plain/contrib/plstmary>  
 PKG-URL: <https://ctan.org/pkg/plstmary>
- *The splines package. MetaPost macros for drawing cubic spline interpolants.* 2016-06-24. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/splines>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/metapost/contrib/macros/threeddice>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/excludeonly>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/mfpic>  
 PKG-URL: <https://ctan.org/pkg/mfpic>
- Luengo, Pablo González. *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 `\usepackage`, and other packages from input file to image formats and standalone files using `\includegraphics` and `\include`. It generates a file with only extracted environments and another with all extracted environments converted to `\includegraphics`.

- URL: <https://mirror.ctan.org/support/ltximg>  
 PKG-URL: <https://ctan.org/pkg/ltximg>
- *The scontents package. Stores L<sup>A</sup>T<sub>E</sub>X contents in memory or files.* 2022-04-04. Version 2.0. LICENSE: lppl1.3c. This package stores valid L<sup>A</sup>T<sub>E</sub>X code in memory (sequences) using the module of `scontents`. 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://mirror.ctan.org/macros/latex/contrib/scontents>  
 PKG-URL: <https://ctan.org/pkg/scontents>
- Lukasczyk, Stephan. *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany.* 2022-09-27. Version 1.1.1. LICENSE: lppl1.3c. The `se2thesis` bundle provides a document class for writing a theses with the `se2thesis` class, 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 regarding 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://mirror.ctan.org/macros/latex/contrib/se2thesis>  
 PKG-URL: <https://ctan.org/pkg/se2thesis>
- 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 TeX files. It is useful both for creating packages (`texpack`) and new classes (`texpack`). 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://mirror.ctan.org/support/texpack>  
 PKG-URL: <https://ctan.org/pkg/texpack>
- Lundqvist, Mikael. *The mif2xfig package. Conversion between Frame Maker and Xfig.* 2016-06-24. LICENSE: noinfo  
 PKG-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://mirror.ctan.org/macros/latex/contrib/fancyslides>  
 PKG-URL: <https://ctan.org/pkg/fancyslides>
- Lupton, Robert. *The rtf2tex package. Convert RTF to TeX.* 2016-06-24. Version 1.02. LICENSE: other-free  
 URL: <https://mirror.ctan.org/support/rtf2tex>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>  
 PKG-URL: <https://ctan.org/pkg/pst-lens>
- Luque, Manuel and Christophe Jorssen. *Thepst-osci package. Oscgons with PSTricks*. 2018-09-15. Version 2.82. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>  
 PKG-URL: <https://ctan.org/pkg/pst-osci>
- Luque, Manuel, Giuseppe Matarazzo, and Herbert Voß. *The pst-geo package. Geographical Projections*. 2021-09-01. Version 0.07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-am>  
 PKG-URL: <https://ctan.org/pkg/pst-am>
- Luque, Manuel and Herbert Voß. *The pst-calendar package. Plot calendars in “fancy” ways*. 2021-09-11. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>  
 PKG-URL: <https://ctan.org/pkg/pst-calendar>
- *The pst-cie package. CIE color space*. 2021-11-04. Version 1.06b. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cie>  
 PKG-URL: <https://ctan.org/pkg/pst-cie>
  - *The pst-diffraction package. Print diffraction patterns from various apertures*. 2022-04-06. Version 2.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>  
 PKG-URL: <https://ctan.org/pkg/pst-diffraction>
  - *The pst-fun package. Draw “funny” objects with PSTricks*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>  
 PKG-URL: <https://ctan.org/pkg/pst-fun>
  - *The pst-mirror package. Images on a spherical mirror*. 2021-09-14. Version 1.02. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>  
 PKG-URL: <https://ctan.org/pkg/pst-mirror>
  - *The pst-optic package. Drawing optics diagrams*. 2022-04-06. Version 1.02. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>  
PKG-URL: <https://ctan.org/pkg/pst-platon>
- *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://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>  
PKG-URL: <https://ctan.org/pkg/pst-rubans>
- *The pst-solarsystem package. Plot the solar system for a specific date.* 2018-09-15. Version 0.13. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>  
PKG-URL: <https://ctan.org/pkg/pst-solarsystem>
- *The pst-spirograph package. Drawing hypotrochoids as with a spirograph.* 2020-04-11. LICENSE: lppl  
PKG-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://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>  
PKG-URL: <https://ctan.org/pkg/pst-thick>
- Luque, Manuel and Herbert Voß. *The pst-vue3d package. Draw perspective views of three dimensional objects.* 2020-04-11. Version 1.24. LICENSE: lppl  
URL: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/pst-vue3d>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pgf/contrib/tikz-bayesnet>  
PKG-URL: <https://ctan.org/pkg/tikz-bayesnet>
- Luz, Saturnino. *The mnotes package. Margin annotation for collaborative writing.* 2022-05-25. Version 0.9. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/mnotes>  
PKG-URL: <https://ctan.org/pkg/mnotes>
- Lyu, Jianrui. *The codehigh package. Highlight code and demos with l3regex and lpeg.* 2022-04-29. Version 2022E. 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 LuaTeX 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://mirror.ctan.org/macros/latex/contrib/codehigh>  
PKG-URL: <https://ctan.org/pkg/codehigh>
- *The functional package. Provide an intuitive functional programming interface for L<sup>A</sup>T<sub>E</sub>X2.* 2022-06-18. Version 2022H. LICENSE: lppl1.3c

- URL: <https://mirror.ctan.org/macros/latex/contrib/functional>  
 PKG-URL: <https://ctan.org/pkg/functional>
- *The jnuexam package. Exam class for Jinan University.* 2020-11-06. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jnuexam>  
 PKG-URL: <https://ctan.org/pkg/jnuexam>
  - *The ninecolors package. Select colors with proper WCAG color contrast.* 2022-02-13. Version 2022D. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ninecolors>  
 PKG-URL: <https://ctan.org/pkg/ninecolors>
  - *The tabularray package. Typeset tabulars and arrays with L<sup>A</sup>T<sub>E</sub>X3.* 2022-07-01. Version 2022C. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabularray>  
 PKG-URL: <https://ctan.org/pkg/tabularray>
- Lyubashenko, Volodymyr and Yurii Beshpalov. *The t-angles package. Draw tangles, trees, Hopf algebra operations and other pictures.* 2017-04-18. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X2e package for drawing tangles, trees, Hopf algebra operations and other pictures. It is based on emTeX or TPIC s. Therefore, it can be used with the most popular drivers, including emTeX drivers, dviwin, xdvi and dvips, and (using some code from ) it may also be used with pdfLaTeX.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/t-angles>  
 PKG-URL: <https://ctan.org/pkg/t-angles>
- Ma, Clerk. *The fandol package. Four basic fonts for Chinese typesetting.* 2016-06-24. Version 0.3. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/fandol>  
 PKG-URL: <https://ctan.org/pkg/fandol>
- Ma, Clerk and Berthold K. P. Horn. *The yandy package. TUG release of Y and Y's TeX distribution.* 2017-04-18. Version 0.5. LICENSE: gpl  
 URL: <https://mirror.ctan.org/systems/win32/yandy>  
 PKG-URL: <https://ctan.org/pkg/yandy>
- Ma, Zheng. *The MLMath package. Mathematical notation for Machine Learning.* 2020-06-23. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mlmath>  
 PKG-URL: <https://ctan.org/pkg/mlmath>
- Macchia, Angelo. *The topfloat package. Move floats to the top of the page.* 2016-06-18. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/topfloat>  
 PKG-URL: <https://ctan.org/pkg/topfloat>
- MacKay, Pierre A. *The cm-afm package. Adobe Font Metrics for the CM fonts.* 2016-06-24. LICENSE: knuth. A set of AFM files, derived from the ; the purpose of creating the files was to make the fonts available to such applications as .  
 URL: <https://mirror.ctan.org/fonts/cm/afm>  
 PKG-URL: <https://ctan.org/pkg/cm-afm>
- *The tkhyph package. Hyphenation patterns for Turkish.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/language/hyphenation/tkhyph.tex>  
 PKG-URL: <https://ctan.org/pkg/tkhyph>
  - *The turkish package. LaTeX Support for Typesetting Turkish.* 2019-06-09. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/smartunits>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/webquiz>  
 PKG-URL: <https://ctan.org/pkg/webquiz>
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 PKG-URL: <https://ctan.org/pkg/chapterfolder>
- Mathieu, Boretti. *The smalltableof package. Create listoffigures etc. in a single chapter.* 2016-06-24. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/smalltableof>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/syntrace>  
 PKG-URL: <https://ctan.org/pkg/syntrace>
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  - *The thesis package. Typeset thesis.* 2018-01-06. Version 1f. LICENSE: gpl  
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 URL: <https://mirror.ctan.org/macros/generic/expex-acro>  
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 PKG-URL: <https://ctan.org/pkg/emtex>
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 URL: <https://mirror.ctan.org/fonts/utilities/qdtxvpl>  
 PKG-URL: <https://ctan.org/pkg/qdtxvpl>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/pgfornament>  
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- *The tkz-base package. Tools for drawing with a cartesian coordinate system*. 2022-07-15. Version 4.2c. LICENSE: lppl1.3. The bundle is a set of packages, designed to give mathematics teachers (and students) easy access to programming of drawings with .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-base>  
 PKG-URL: <https://ctan.org/pkg/tkz-base>
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 PKG-URL: <https://ctan.org/pkg/tkz-berge>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz-doc>  
 PKG-URL: <https://ctan.org/pkg/tkz-doc>
- *The tkz-euclide package. Tools for drawing Euclidean geometry*. 2022-09-23. Version 4.25c. LICENSE: lppl1.3. The tkz-euclide package is a set of files designed to give math teachers and students easy access to the programming of Euclidean geometry with .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-euclide>  
 PKG-URL: <https://ctan.org/pkg/tkz-euclide>
- *The tkz-fct package. Tools for drawing graphs of functions*. 2022-02-08. Version 1.7c. LICENSE: lppl1.3. The tkz-fct package is designed to give math teachers (and students) easy access to programming graphs of functions with and .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-fct>  
 PKG-URL: <https://ctan.org/pkg/tkz-fct>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-graph>  
 PKG-URL: <https://ctan.org/pkg/tkz-graph>

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 PKG-URL: <https://ctan.org/pkg/tkz-linknodes>
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 PKG-URL: <https://ctan.org/pkg/tkz-tab>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkzexample>  
 PKG-URL: <https://ctan.org/pkg/tkzexample>
- Matthes, Alain, Apostolos Syropoulos, and Anastastios Dimou. *The alterqcm package. Multiple choice questionnaires in two column tables.* 2021-05-21. Version 4.42c. LICENSE: lppl1.3. The package is a L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε package, for making multiple choices questionnaires in a table with two columns. The aim is to provide some useful macros to build QCM in tables. These macros may be used by only L<sup>A</sup>T<sub>E</sub>X TeX users. The package works with utf8, pdfLaTeX, LuaLaTeX and XeL<sup>A</sup>T<sub>E</sub>X (with some languages). The documentation is in English.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/alterqcm>  
 PKG-URL: <https://ctan.org/pkg/alterqcm>
- Matthias, Andreas. *The pdfpages package. Include PDF documents in L<sup>A</sup>T<sub>E</sub>X.* 2022-05-22. Version 0.5v. LICENSE: lppl1.3c. This package simplifies the inclusion of external multi-page PDF documents in L<sup>A</sup>T<sub>E</sub>X documents. Pages may be freely selected and similar to it is possible to put several logical pages onto each sheet of paper. Furthermore a lot of hypertext features like hyperlinks and article threads are provided. The package supports pdfTeX (pdfLaTeX) and VTeX. With VTeX it is even possible to use this package to insert PostScript files, in addition to PDF files.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfpages>  
 PKG-URL: <https://ctan.org/pkg/pdfpages>
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 PKG-URL: <https://ctan.org/pkg/slatex>
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 PKG-URL: <https://ctan.org/pkg/onrannual>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/timing>  
 PKG-URL: <https://ctan.org/pkg/timing>
- May, Wolfgang. *Thepst-dbicons package. Support for drawing ER diagrams*. 2016-06-24. Version 0.16. LICENSE: lppl. The package provides some useful macros in the database area. The package focusses on typesetting ER-Diagrams in a declarative style, i.e., by positioning some nodes and defining the position of all other nodes relative to them by using the standard database terminology. The package is required for using pst-dbicons, but no deep knowledge of PSTricks commands is required (although such knowledge is useful for exploiting the full functionality of the package).  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dbicons>  
 PKG-URL: <https://ctan.org/pkg/pst-dbicons>
- May, Wolfgang and Andreas Schedler. *The ntheorem package. Enhanced theorem environment*. 2017-04-18. Version 1.33. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ntheorem>  
 PKG-URL: <https://ctan.org/pkg/ntheorem>
- Mayer, Gyula. *The huhyp package. Hyphenation patterns for the Hungarian language*. 2016-06-24. LICENSE: other-free. This set of patterns is now superseded by those in the .  
 URL: <https://mirror.ctan.org/language/hyphenation/huhyp.tex>  
 PKG-URL: <https://ctan.org/pkg/huhyp>
- Mayer, Steve. *The TeX Converter package. Windows front-end to various L<sup>A</sup>T<sub>E</sub>X to HTML converters*. 2019-02-03. Version 2.6. LICENSE: other-free  
 URL: <https://mirror.ctan.org/support/tex-converter>  
 PKG-URL: <https://ctan.org/pkg/tex-converter>
- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
 URL: <https://mirror.ctan.org/support/latexrender>  
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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/tableauvariations>  
 PKG-URL: <https://ctan.org/pkg/tableauvariations>
- Mazzamuto, Giacomo. *The europasscv package. Unofficial class for the new version of the Europass curriculum vitae*. 2020-11-01. LICENSE: lppl1.3  
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 PKG-URL: <https://ctan.org/pkg/europasscv>
- 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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 PKG-URL: <https://ctan.org/pkg/gcard>
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 PKG-URL: <https://ctan.org/pkg/cea>
- *The marnote package. Place text in the margin of a document*. 2016-06-24. Version 0.1. LICENSE: noinfo  
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 PKG-URL: <https://ctan.org/pkg/marnote>
- McClelland, Tony. *The corel fonts package. An installation script for Corel Ventura fonts*. 2016-06-24. LICENSE: lppl  
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- McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/graphics/hpgl2ps>  
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- McDonnell, Rowland. *The cmolddig package. Virtual fount setup for using old style digits*. 2016-06-24. Version 1.6. LICENSE: lppl. This package is a virtual font setup for using old style digits by default with the OT1 encoded Computer Modern Roman upright fonts. The package does the same job for the T1 encoded EC fonts and is generally much better because the EC fonts are like that; but then again, OT1 encoded cmr is available for free in TrueType and PS Type 1 formats and has its uses in pdf files as a result.  
 URL: <https://mirror.ctan.org/fonts/cmolddig>  
 PKG-URL: <https://ctan.org/pkg/cmolddig>
- McDonnell, Rowland. *The eurofont package. Provides a command that prints a euro symbol*. 2016-06-24. Version 1.1.3. LICENSE: other-free. The particular symbol printed by will in general change depending on the font family, weight, and shape in use at the time. This symbol can come from any source, and the package user has complete control over which euro symbol is used in any given situation. The package is pre-configured to behave sensibly with many common text fonts and available euro symbols. The command can print ‘faked’ euro symbols from a C with two lines across it when no suitable real euro symbol is available; the package also includes code for printing fake bold euro symbols for use when no real bold symbol exists, as well as pre-configured support for a faked italic version of the font. Eurofont comes set up to use euro symbols from Adobe’s Eurofonts, the font, the font, and any available Text Companion fonts. The selection between these can be done using options passed to the package. The eurofont package also ‘knows’ about the font’s euro symbol, and can be configured to use it.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eurofont>  
 PKG-URL: <https://ctan.org/pkg/eurofont>
- *The pageno package. Page number-only page styles*. 2017-05-30. LICENSE: nosell  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pageno>  
 PKG-URL: <https://ctan.org/pkg/pageno>
- *The rmpage package. A package to help change page layout parameters in L<sup>A</sup>T<sub>E</sub>X*. 2019-06-09. Version 0.92. LICENSE: gpl. The package lets you change page layout parameters in small steps over a range of values

- using options. It can set appropriately for the main font, and ensure that the text fits inside the printable area of a printer. An rmpage-formatted document can be typeset identically without rmpage after a single cut and paste operation. Local configuration can set defaults: for all documents; and by class, by printer, and by paper size. The package is better if you want to set page layout parameters to particular measurements.
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 PKG-URL: <https://ctan.org/pkg/sectsty>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/refer.bst>  
 PKG-URL: <https://ctan.org/pkg/refer>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/dynkin-diagrams>  
 PKG-URL: <https://ctan.org/pkg/dynkin-diagrams>
- *The epigraph-keys package. Epigraphs using key values.* 2021-03-24. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/epigraph-keys>  
 PKG-URL: <https://ctan.org/pkg/epigraph-keys>
- McKay, Benjamin. *The lie-hasse package. Draw Hasse diagrams.* 2021-03-24. Version 1.0. LICENSE: lppl1.3c.  
 This package draws Hasse diagrams of the partially ordered sets of the simple roots of any complex simple Lie algebra. It uses the Dynkin diagrams package .  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/lie-hasse>  
 PKG-URL: <https://ctan.org/pkg/lie-hasse>
- *The rank-2-roots package. Draw (mathematical) rank 2 root systems.* 2021-03-24. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/rank-2-roots>  
 PKG-URL: <https://ctan.org/pkg/rank-2-roots>
  - *The willowtreebook package. Easy basic book class, built on memoir.* 2021-09-28. Version 1.03. LICENSE: lppl1.3c. The class is a simple book class, which the author uses for his lecture notes to be found on his web page . It actually just selects options for the more sophisticated memoir class.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/willowtreebook>  
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- McKenzie, Andrew. *The ling-macros package. Macros for typesetting formal linguistics.* 2016-10-17. LICENSE: lppl1.3  
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- McKinstry, Graeme. *The merge package. Perform mail merges in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
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 PKG-URL: <https://ctan.org/pkg/merge>
- McLean, Evan, David J. Musliner, and Tong Sun. *The latexmake package. LaTeX Makefile.* 2016-06-24. Version 2.0. LICENSE: noinfo  
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 PKG-URL: <https://ctan.org/pkg/latexmake>

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 URL: <https://mirror.ctan.org/macros/generic/misc/compare.tex>  
 PKG-URL: <https://ctan.org/pkg/compare>
- *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/cprog.sty>  
 PKG-URL: <https://ctan.org/pkg/cprog>
  - *The unouter package. Suppress \outer flags in Plain TeX*. 2016-06-24. LICENSE: other-free. The package suppresses all the flags on macros in Plain TeX; it also suppresses the command.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/unouter.tex>  
 PKG-URL: <https://ctan.org/pkg/unouter>
- McNees, Robert and Leo Stein. *The gridpapers package. Graph paper backgrounds and color schemes*. 2021-03-28. Version 1.0.2. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gridpapers>  
 PKG-URL: <https://ctan.org/pkg/gridpapers>
- McPhee, Patrick T J. *The bbcard package. Bullshit bingo, calendar and baseball-score cards*. 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>  
 PKG-URL: <https://ctan.org/pkg/bbcard>
- McPhee, Patrick T J. *The slideshow package. Generate slideshow with MetaPost*. 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/slideshow>  
 PKG-URL: <https://ctan.org/pkg/slideshow>
- McPhee, Patrick T J and Nazeen N. (Neenie) Billawalla. *The pandora-type1 package. The Pandora font family*. 2016-06-24. LICENSE: nocommercial. The fonts offer drop-in replacements for the PK files, for use with dvips, dvipdfm, pdfTeX, etc. You should use the TFM files generated by Metafont (the package contains AFM files, but they have not been tested). The encoding is exactly the same as the PK files, and the package does not contain any additional characters. The fonts have been successfully used, but no warranty is offered.  
 URL: <https://mirror.ctan.org/fonts/ps-type1/pandora>  
 PKG-URL: <https://ctan.org/pkg/pandora-type1>
- McPherson, Kent. *The bookform package. LaTeX 2.08 style for MIL STD 490 documents*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/bookform>  
 PKG-URL: <https://ctan.org/pkg/bookform>
- *The extradefs package. A miscellany of support macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/samples/extradefs.tex>  
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 URL: <https://mirror.ctan.org/fonts/utilities/ttf2mf>  
 PKG-URL: <https://ctan.org/pkg/ttf2mf>
- Mounier, Thomas. *The proflabo package. Draw laboratory equipment.* 2022-05-05. Version 1.0. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/proflabo>  
 PKG-URL: <https://ctan.org/pkg/proflabo>
- Moutinho, Rui. *The tikz-layers package. TikZ provides graphical layers on TikZ: "behind", "above" and "glass".* 2019-03-02. Version 0.9. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-layers>  
 PKG-URL: <https://ctan.org/pkg/tikz-layers>
- Movahhedian, Hossein. *The texnegar package. Kashida justification in Xe<sub>Λ</sub>TeX and LuaLaTeX.* 2021-02-09. Version 0.1e. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/texnegar>  
 PKG-URL: <https://ctan.org/pkg/texnegar>
- *The xepersian-hm package. Fixes kashida feature in xepersian package.* 2020-09-04. Version 1.1a. LICENSE: lpl1.3c

- URL: <https://mirror.ctan.org/macros/xetex/latex/xepersian-hm>  
 PKG-URL: <https://ctan.org/pkg/xepersian-hm>
- Moy, Matthieu. *The drawstack package. Draw execution stacks*. 2016-06-24. LICENSE: lppl1.3. This simple L<sup>A</sup>T<sub>E</sub>X package provides support for drawing execution stack (typically to illustrate assembly language notions). The code is written on top of .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/drawstack>  
 PKG-URL: <https://ctan.org/pkg/drawstack>
- *The git-latexdiff package. Call latexdiff on two Git revisions of a file*. 2020-04-15. Version 1.6.0. LICENSE: bsd2. git-latexdiff is a tool to graphically visualize differences between different versions of a L<sup>A</sup>T<sub>E</sub>X file. Technically, it is a wrapper around git and .  
 URL: <https://mirror.ctan.org/support/git-latexdiff>  
 PKG-URL: <https://ctan.org/pkg/git-latexdiff>
- *The timing-diagrams package. Draw timing diagrams*. 2017-04-18. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/timing-diagrams>  
 PKG-URL: <https://ctan.org/pkg/timing-diagrams>
- Moy, Matthieu, David J. Musliner, and Matthew Lovell. *The latexexpand package. Expand \input and \include in a L<sup>A</sup>T<sub>E</sub>X document*. 2019-12-12. Version 1.6. LICENSE: bsd. Latexpand is a Perl script that simply replaces and commands with the content of the input or included file. The script does not deal with commands.  
 URL: <https://mirror.ctan.org/support/latexexpand>  
 PKG-URL: <https://ctan.org/pkg/latexexpand>
- Moye, Stephen. *The typespec package. Create font samplers*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/TypeSpec>  
 PKG-URL: <https://ctan.org/pkg/typespec>
- Mrkus, Jiří. *The upca package. Print UPC-A barcodes*. 2016-06-24. LICENSE: lppl. The package defines a single macro , to print UPC-A barcodes.  
 URL: <https://mirror.ctan.org/macros/generic/upca>  
 PKG-URL: <https://ctan.org/pkg/upca>
- Muecke, Michael. *The WinTeX XP package. A Win32 TeX Editor with the MS Office look and feel*. 2017-05-21. LICENSE: shareware  
 URL: <https://mirror.ctan.org/systems/win32/wintex2000>  
 PKG-URL: <https://ctan.org/pkg/wintex2000>
- Muelas, Santiago. *The txp package. Draw text along a path*. 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/txp>  
 PKG-URL: <https://ctan.org/pkg/txp>
- Muhamedagić, Dejan. *The shhyph1 package. Serbo-Croatian hyphenation (Latin alphabet)*. 2018-01-06. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/language/hyphenation/shhyph1.tex>  
 PKG-URL: <https://ctan.org/pkg/shhyph1>
- Mui, Wing L. *The sides package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays*. 2016-06-24. LICENSE: gpl. This is a L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays, based on the class written by Antti-Juhani Kaijanaho in 1998. It has been updated and several formatting changes have been made to it—most noticeably there are no longer orphans.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/sides>  
 PKG-URL: <https://ctan.org/pkg/sides>
- Mukkavilli, Lakshmankumar. *The telugu package. (La)TeX Support for writing the Telugu Language*. 2016-06-24. LICENSE: other-free

- URL: <https://mirror.ctan.org/language/telugu>  
 PKG-URL: <https://ctan.org/pkg/telugu>
- Mulder, Art. *The shading package. LaTeX package for putting text on a shaded background.* 2016-06-24. Version 1.3. LICENSE: noinfo. Works by specifying the background with PostScript commands, suitable for use with  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/shading>  
 PKG-URL: <https://ctan.org/pkg/shading>
- Müller, Ulrich. *The cryst package. Font for graphical symbols used in crystallography.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/cryst>  
 PKG-URL: <https://ctan.org/pkg/cryst>
- Müller, Walter. *The wmaainf package. BibTeX style for Abteilung für Angewandte Informatik.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/wmaainf.bst>  
 PKG-URL: <https://ctan.org/pkg/wmaainf>
- Müller, Wilhelm. *The totpages package. Count pages in a document, and report last page number.* 2016-06-24. Version 2.00. LICENSE: lppl. The package counts the actual pages in the document (as opposed to reporting the number of the last page, as does ). The counter itself may be shipped out to the DVI file. The package uses the package for its task.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/totpages>  
 PKG-URL: <https://ctan.org/pkg/totpages>
- Mulligan, Brian W. *The physconst package. Macros for commonly used physical constants.* 2021-03-27. Version 1.1.2. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/physconst>  
 PKG-URL: <https://ctan.org/pkg/physconst>
- Mulligan, Brian W. *The physunits package. Macros for commonly used physical units.* 2021-03-27. Version 1.2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/physunits>  
 PKG-URL: <https://ctan.org/pkg/physunits>
- Münch, Hans-Martin. *The calxxxx-yyyy package. Print a calendar for a group of years.* 2022-01-01. Version 20.22a. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/calxxxx-yyyy>  
 PKG-URL: <https://ctan.org/pkg/calxxxx-yyyy>
- *The footnoterange package. References to ranges of footnotes.* 2019-11-24. Version 1.0c. LICENSE: lppl1.3c. The package provides the environments and . Multiple footnotes inside these environments are not referenced as (e.g.) “1 2 3” but as “1-3”, i.e., the range (from first to last referred footnote at that place) is given. If the package is loaded with enabled -option, then the references are hyperlinked. (References to footnotes in environments are never hyperlinked.)  
 URL: <https://mirror.ctan.org/macros/latex/contrib/footnoterange>  
 PKG-URL: <https://ctan.org/pkg/footnoterange>
  - *The hrefhide package. Suppress hyper links when printing.* 2016-06-24. Version 1.0f. LICENSE: lppl1.3. This package provides the command (which provides a substitute for ). While the (hyperlinked) text appears like an ordinary in the compiled PDF file, the same text will be “hidden” when printing the text. (Hiding is actually achieved by making the text the same colour as the background, thus preserving the layout of the rest of the text.)



- URL: <https://mirror.ctan.org/macros/latex/contrib/hrefhide>  
 PKG-URL: <https://ctan.org/pkg/hrefhide>
- *The pagecolor package. Interrogate page colour.* 2017-05-29. Version 1.0i. LICENSE: lppl1.3c. This package provides the command `\pagecolor`, which gives the current page (background) colour, i. e. the argument used with the most recent call of `\color`. The command gives the same colour as `\color`, except when the page background colour is “none” (e.g., as a result of using the command). In that case `\pagecolor` is “white” and `\color` is “none”.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pagecolor>  
 PKG-URL: <https://ctan.org/pkg/pagecolor>
  - *The pageslts package. Variants of last page labels.* 2016-06-24. Version 1.2f. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pageslts>  
 PKG-URL: <https://ctan.org/pkg/pageslts>
  - *The papermas package. Compute the mass of a printed version of a document.* 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/papermas>  
 PKG-URL: <https://ctan.org/pkg/papermas>
  - *The regstats package. Information about register use.* 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/regstats>  
 PKG-URL: <https://ctan.org/pkg/regstats>
  - *The romanbar package. Write roman number with “bars”.* 2016-06-24. Version 1.0f. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/romanbar>  
 PKG-URL: <https://ctan.org/pkg/romanbar>
  - *The tablefootnote package. Permit footnotes in tables.* 2016-06-24. Version 1.1c. LICENSE: lppl1.3. The package provides the command `\tablefootnote` to be used in a `table` environment, where `\footnote` will not work (and when using `\tablefootnote` and `\footnote`, and adjusting the counter as necessary, is too much work).  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>  
 PKG-URL: <https://ctan.org/pkg/tablefootnote>
- Münch, Hans-Martin. *The thumbs package. Create thumb indexes.* 2016-06-24. Version 1.0q. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/thumbs>  
 PKG-URL: <https://ctan.org/pkg/thumbs>
- *The undolabl package. Override existing labels.* 2016-06-24. Version 1.0l. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/undolabl>  
 PKG-URL: <https://ctan.org/pkg/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 `\uri`, `\uri*`, `\uri*`, and `\uri*`.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/uri>  
 PKG-URL: <https://ctan.org/pkg/uri>
- Münch, Hans-Martin and Jeffrey Goldberg. *The lastpage package. Reference last page for Page N of M type footers.* 2021-09-03. Version 1.2n. LICENSE: lppl1.3. Reference the number of pages in your L<sup>A</sup>T<sub>E</sub>X document through the introduction of a new label which can be referenced like `\ref{lastpage}` 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://mirror.ctan.org/macros/latex/contrib/lastpage>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/plain/contrib/misc/bfsymb.tex>  
 PKG-URL: <https://ctan.org/pkg/bfsymb>
- *The eiad-ltx package. LaTeX support for the eiad font.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eiad>  
 PKG-URL: <https://ctan.org/pkg/eiad-ltx>
- Munch-Maccagnoni, Guillaume. *The perfectcut package. Nested delimiters that consistently grow regardless of the contents.* 2019-07-27. Version 2.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/perfectcut>  
 PKG-URL: <https://ctan.org/pkg/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 X<sub>Y</sub>LaTeX or LuaLaTeX.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/casiofont>  
 PKG-URL: <https://ctan.org/pkg/casiofont>
- *The he-she package. Alternating pronouns to aid gender-neutral writing.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/he-she>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/invoice-class>  
 PKG-URL: <https://ctan.org/pkg/invoice-class>
- Munn, Alan. *The msu-thesis package. Class for Michigan State University Master’s and PhD theses.* 2022-08-19. Version 3.5b. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/msu-thesis>  
 PKG-URL: <https://ctan.org/pkg/msu-thesis>
- *The pst-vowel package. Enable arrows showing diphthongs on vowel charts.* 2018-09-15. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pst-vowel>  
 PKG-URL: <https://ctan.org/pkg/pst-vowel>
  - *The screenplay-pkg package. Package version of the screenplay document class.* 2017-08-06. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>  
 PKG-URL: <https://ctan.org/pkg/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.* 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/csv2latex>  
 PKG-URL: <https://ctan.org/pkg/csv2latex>
- Munson, Ethan V. *The ucthes1209 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://mirror.ctan.org/macros/latex209/contrib/ucthes1209>  
 PKG-URL: <https://ctan.org/pkg/ucthes1209>

- Münster, Peter. *The context-chromato package. ConTeXt macros for chromatograms*. 2018-08-11. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-chromato>  
 PKG-URL: <https://ctan.org/pkg/context-chromato>
- *The context-cmscbf package. Use Computer Modern bold Caps and Small-caps in ConTeXt*. 2017-11-12. 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://mirror.ctan.org/macros/context/contrib/context-cmscbf>  
 PKG-URL: <https://ctan.org/pkg/context-cmscbf>
  - *The ConTeXt-cmttbf package. Use Computer Modern Typewriter bold font in ConTeXt*. 2017-11-12. 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://mirror.ctan.org/macros/context/contrib/context-cmttbf>  
 PKG-URL: <https://ctan.org/pkg/context-cmttbf>
  - *The context-construction-plan package. Construction plans in ConTeXt*. 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-construction-plan>  
 PKG-URL: <https://ctan.org/pkg/context-construction-plan>
  - *The context-degrade package. Degrading JPEG images in ConTeXt*. 2016-06-18. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-degrade>  
 PKG-URL: <https://ctan.org/pkg/context-degrade>
  - *The context-french package. Support for writing French in ConTeXt*. 2020-03-09. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-french>  
 PKG-URL: <https://ctan.org/pkg/context-french>
  - *The context-inifile package. An ini-file pretty-printer, using ConTeXt*. 2018-08-11. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-inifile>  
 PKG-URL: <https://ctan.org/pkg/context-inifile>
- Münster, Peter. *The context-typearea package. Something like Koma-Script typearea*. 2018-08-11. LICENSE: gpl. The module provides a command that calculates the page layout as the L<sup>A</sup>T<sub>E</sub>X package does.  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-typearea>  
 PKG-URL: <https://ctan.org/pkg/context-typearea>
- *The context-URWGaramond package. ConTeXt support for URW Garamond font*. 2018-08-11. LICENSE: pd. The required may also be found on CTAN.  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-urwgaramond>  
 PKG-URL: <https://ctan.org/pkg/context-urwgaramond>
  - *The degrade package. Degrade JPEG images on the fly, prior to inclusion*. 2016-06-24. LICENSE: lppl. Degrade is a L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/graphics/degrade>  
 PKG-URL: <https://ctan.org/pkg/degrade>
- Murphy, Terrence and Rosalie D'Amico. *The makecookbook package. Make a Cookbook*. 2018-12-06. Version 0.85. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/luatex/latex/makecookbook>  
 PKG-URL: <https://ctan.org/pkg/makecookbook>
- Murphy, Timothy. *The javatex package. A Java implementation of TeX*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/systems/javatex>  
 PKG-URL: <https://ctan.org/pkg/javatex>

- *The lgreek package. LaTeX macros for using Silvio Levy’s Greek fonts.* 2016-06-24. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lgreek>  
 PKG-URL: <https://ctan.org/pkg/lgreek>
- Murzynowski, Grzegorz. *The gmdoc package. Documentation of L<sup>A</sup>T<sub>E</sub>X packages.* 2018-01-06. Version 0.993.  
 LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gmdoc>  
 PKG-URL: <https://ctan.org/pkg/gmdoc>
- *The gmeometric package. Change page size wherever it’s safe.* 2016-06-24. Version 0.73. LICENSE: lppl  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/gmeometric>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/gmiflink>  
 PKG-URL: <https://ctan.org/pkg/gmiflink>
- *The gmutils package. Support macros for other packages.* 2016-06-24. Version 0.996. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gmutils>  
 PKG-URL: <https://ctan.org/pkg/gmutils>
- *The gmverb package. A variant of L<sup>A</sup>T<sub>E</sub>X \verb, verbatim and shortvrb.* 2016-06-24. Version 0.98. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gmverb>  
 PKG-URL: <https://ctan.org/pkg/gmverb>
- Murzynowski, Grzegorz. *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://mirror.ctan.org/macros/latex/contrib/gmverse>  
 PKG-URL: <https://ctan.org/pkg/gmverse>
- Musa, Ahmed. *The catoptions package. Preserving and recalling standard catcodes.* 2016-06-24. Version 0.2.7h. 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 TeX programming tools.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/catoptions>  
 PKG-URL: <https://ctan.org/pkg/catoptions>
- *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://mirror.ctan.org/macros/latex/contrib/changelayout>  
 PKG-URL: <https://ctan.org/pkg/changelayout>
- *The draftmark package. Put draft marks on selected pages.* 2016-06-24. Version 1.2. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/macros/latex/contrib/draftmark>  
 PKG-URL: <https://ctan.org/pkg/draftmark>

- *The getfiledate package. Find the date of last modification of a file.* 2016-06-24. Version 1.2. LICENSE: lpl. 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://mirror.ctan.org/macros/latex/contrib/getfiledate>  
PKG-URL: <https://ctan.org/pkg/getfiledate>
- *The keyreader package. A robust interface to xkeyval.* 2016-06-24. Version 0.5b. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/keyreader>  
PKG-URL: <https://ctan.org/pkg/keyreader>
- *The keyval2e package. A lightweight and robust key-value parser.* 2016-06-24. Version 0.0.2. LICENSE: lpl1.3. 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://mirror.ctan.org/macros/latex/contrib/keyval2e>  
PKG-URL: <https://ctan.org/pkg/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: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/loops>  
PKG-URL: <https://ctan.org/pkg/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: lpl  
URL: <https://mirror.ctan.org/macros/latex/contrib/ltxkeys>  
PKG-URL: <https://ctan.org/pkg/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: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/ltxtools>  
PKG-URL: <https://ctan.org/pkg/ltxtools>
- Musa, Ahmed. *The newenviron package. Processing an environment's body.* 2016-06-24. Version 1.0. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/newenviron>  
PKG-URL: <https://ctan.org/pkg/newenviron>
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URL: <https://mirror.ctan.org/macros/latex/contrib/pagerange>  
PKG-URL: <https://ctan.org/pkg/pagerange>
- *The pgfkeyx package. Extended and more robust version of pgfkeys.* 2016-06-24. Version 0.0.1. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>  
PKG-URL: <https://ctan.org/pkg/pgfkeyx>
- *The skeycommand package. Create commands using parameters and keyval in parallel.* 2016-06-24. Version 0.4. LICENSE: lpl1.3. 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://mirror.ctan.org/macros/latex/contrib/skeycommand>  
PKG-URL: <https://ctan.org/pkg/skeycommand>
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 PKG-URL: <https://ctan.org/pkg/skeyval>
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 PKG-URL: <https://ctan.org/pkg/arydshln>
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 PKG-URL: <https://ctan.org/pkg/hvdashln>
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 PKG-URL: <https://ctan.org/pkg/crossword>
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 PKG-URL: <https://ctan.org/pkg/eqname>
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 PKG-URL: <https://ctan.org/pkg/enotez>
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 PKG-URL: <https://ctan.org/pkg/exsheets>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ghsystem>  
 PKG-URL: <https://ctan.org/pkg/ghsystem>
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 PKG-URL: <https://ctan.org/pkg/modigram>
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 PKG-URL: <https://ctan.org/pkg/musixguit>
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 PKG-URL: <https://ctan.org/pkg/substances>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tasks>  
 PKG-URL: <https://ctan.org/pkg/tasks>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/translations>  
 PKG-URL: <https://ctan.org/pkg/translations>
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 PKG-URL: <https://ctan.org/pkg/manual209>
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 PKG-URL: <https://ctan.org/pkg/blowup>
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 PKG-URL: <https://ctan.org/pkg/eso-pic>
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 URL: <https://mirror.ctan.org/fonts/niceframe>  
 PKG-URL: <https://ctan.org/pkg/niceframe-type1>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cmdstring>  
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- new commands to handle complex tests.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xifthen>  
 PKG-URL: <https://ctan.org/pkg/xifthen>
- *The xnewcommand package. Define \global and \protected commands with \newcommand.* 2016-06-24. Version 1.2. LICENSE: lppl. The package provides the means of defining and (e-TeX) commands, within the framework of L<sup>A</sup>T<sub>E</sub>X’s standard .  
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PKG-URL: <https://ctan.org/pkg/plpsfont>
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PKG-URL: <https://ctan.org/pkg/alphaph>
- *The atbegshi package. Execute stuff at \shipout time.* 2019-12-07. Version 1.19. LICENSE: lppl1.3. This package is a modern reimplementation of package , providing various commands to be executed before a command. It makes use of e-TeX's facilities if they are available. The package may be used either with L<sup>A</sup>T<sub>E</sub>X or with plain TeX.  
URL: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>  
PKG-URL: <https://ctan.org/pkg/atbegshi>
- *The atenddvi package. Provides the \AtEndDvi command.* 2020-11-12. Version 1.5. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>  
PKG-URL: <https://ctan.org/pkg/atenddvi>

- *The attachfile2 package. Attach files into PDF.* 2019-11-27. Version 2.11. LICENSE: lppl1.3c. This package can be used to attach files to a PDF document. It is a further development of Scott Pakin’s package for . Apart from bug fixes, this package adds support for dvips, some new options, and gets and writes meta information data about the attached files.  
URL: <https://mirror.ctan.org/macros/latex/contrib/attachfile2>  
PKG-URL: <https://ctan.org/pkg/attachfile2>
- *The atveryend package. Hooks at the very end of a document.* 2019-12-12. Version 1.11. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X packages provides two hooks for that are executed after the hook of : can be used for code that is to be executed right after the last before the “ file is closed. is used for code after closing and final reading of the “ file.  
URL: <https://mirror.ctan.org/macros/latex/contrib/atveryend>  
PKG-URL: <https://ctan.org/pkg/atveryend>
- *The auxhook package. Hooks for auxiliary files.* 2019-12-22. Version 1.6. LICENSE: lppl1.3. This package auxhook provides hooks for adding stuff at the begin of files.  
URL: <https://mirror.ctan.org/macros/latex/contrib/auxhook>  
PKG-URL: <https://ctan.org/pkg/auxhook>
- *The backref package. Make hyper-references back from bibliography to citation.* 2021-02-11. Version 1.41. LICENSE: lppl1.3. This package is part of the bundle, and only works when loaded with hyperref.  
URL: <https://mirror.ctan.org/macros/latex/contrib/hyperref>  
PKG-URL: <https://ctan.org/pkg/backref>
- *The bigintcalc package. Integer calculations on very large numbers.* 2019-12-21. Version 1.5. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/bigintcalc>  
PKG-URL: <https://ctan.org/pkg/bigintcalc>
- *The bitset package. Handle bit-vector datatype.* 2019-12-14. Version 1.3. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/bitset>  
PKG-URL: <https://ctan.org/pkg/bitset>
- Oberdiek, Heiko. *The bmpsize package. Extract size and resolution data from bitmap files.* 2019-12-31. Version 1.8. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/bmpsize.dtx>  
PKG-URL: <https://ctan.org/pkg/bmpsize>
- *The bookmark package. A new bookmark (outline) organization for hyperref.* 2020-11-08. Version 1.29. LICENSE: lppl1.3c. This package implements a new bookmark (outline) organization for package . Bookmark properties such as style and color can now be set. Other action types are available (URI, GoToR, Named). The bookmarks are generated in the first compile run. Package uses two runs.  
URL: <https://mirror.ctan.org/macros/latex/contrib/bookmark>  
PKG-URL: <https://ctan.org/pkg/bookmark>
- *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://mirror.ctan.org/macros/latex/contrib/catchfile>  
PKG-URL: <https://ctan.org/pkg/catchfile>
- *The centernot package. Centred \not command.* 2018-01-06. Version 1.4. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/centernot.dtx>  
PKG-URL: <https://ctan.org/pkg/centernot>

- *The chemarr package. Arrows for chemists.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/chemarr.dtx>  
 PKG-URL: <https://ctan.org/pkg/chemarr>
- *The classlist package. Record classes used in a document.* 2019-09-28. Version 1.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/classlist.dtx>  
 PKG-URL: <https://ctan.org/pkg/classlist>
- *The colonequals package. Colon equals symbols.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>  
 PKG-URL: <https://ctan.org/pkg/colonequals>
- *The dosepsbin package. Deal with DOS binary EPS files.* 2016-07-05. Version 1.2. LICENSE: artistic  
 URL: <https://mirror.ctan.org/support/dosepsbin>  
 PKG-URL: <https://ctan.org/pkg/dosepsbin>
- *The dvipscol package. Alter the usage of the dvips colour stack.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/dvipscol.dtx>  
 PKG-URL: <https://ctan.org/pkg/dvipscol>
- *The embedfile package. Embed files into PDF.* 2020-04-24. Version 2.11. 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://mirror.ctan.org/macros/latex/contrib/embedfile>  
 PKG-URL: <https://ctan.org/pkg/embedfile>
- *The engord package. Converts numbers to English ordinal numbers.* 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>  
 PKG-URL: <https://ctan.org/pkg/engord>
- *The enparen package. Consistent nested brackets.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>  
 PKG-URL: <https://ctan.org/pkg/enparen>
- Oberdiek, Heiko. *The eolgrab package. Catch arguments delimited by end of line.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>  
 PKG-URL: <https://ctan.org/pkg/eolgrab>
- *The epstopdf-pkg package. Call epstopdf “on the fly”.* 2020-01-24. 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://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>  
 PKG-URL: <https://ctan.org/pkg/epstopdf-pkg>
- *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://mirror.ctan.org/macros/latex/contrib/etexcmds>  
 PKG-URL: <https://ctan.org/pkg/etexcmds>
- *The fibnum package. Generate Fibonacci numbers.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/fibnum.dtx>  
 PKG-URL: <https://ctan.org/pkg/fibnum>

- *The flags package. Setting and clearing of flags in bit fields.* 2016-06-24. Version 0.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/flags.dtx>  
 PKG-URL: <https://ctan.org/pkg/flags>
- *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://mirror.ctan.org/macros/latex/contrib/gettitlestring>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/grfext>  
 PKG-URL: <https://ctan.org/pkg/grfext>
- *The grffile package. Extended file name support for graphics (legacy package).* 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/grffile>  
 PKG-URL: <https://ctan.org/pkg/grffile>
- *The hobsub package. Construct package bundles.* 2019-11-17. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hobsub>  
 PKG-URL: <https://ctan.org/pkg/hobsub>
- *The hologo package. A collection of logos with bookmark support.* 2021-11-17. Version 1.15. 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://mirror.ctan.org/macros/generic/hologo>  
 PKG-URL: <https://ctan.org/pkg/hologo>
- *The holtxdoc package. Documentation macros for oberdiek bundle, etc.* 2019-11-15. 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://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>  
 PKG-URL: <https://ctan.org/pkg/holtxdoc>
- Oberdiek, Heiko. *The hopatch package. Load patches for packages.* 2020-08-18. Version 1.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hopatch>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/hycolor>  
 PKG-URL: <https://ctan.org/pkg/hycolor>
- *The hypbmsec package. Hypertext bookmarks in sectioning commands.* 2018-01-06. Version 2.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypbmsec.dtx>  
 PKG-URL: <https://ctan.org/pkg/hypbmsec>
- *The hypcap package. Adjusting the anchors of captions.* 2018-01-06. Version 1.12. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypcap.dtx>  
 PKG-URL: <https://ctan.org/pkg/hypcap>

- *The hypdestopt package. Hyperref destination optimizer.* 2020-09-07. Version 2.7. LICENSE: lpl1.3. This package supports `pdfTeX` driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.  
URL: <https://mirror.ctan.org/macros/latex/contrib/hypdestopt>  
PKG-URL: <https://ctan.org/pkg/hypdestopt>
- *The hypdoc package. Hyper extensions for doc.sty.* 2022-07-03. Version 1.17. LICENSE: lpl1.3c. 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://mirror.ctan.org/macros/latex/contrib/hypdoc  
PKG-URL: https://ctan.org/pkg/hypdoc`
- *The hypgotoe package. Links to embedded files.* 2019-12-31. Version 0.3. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>  
PKG-URL: <https://ctan.org/pkg/hypgotoe>
- *The hyphsubst package. Substitute hyphenation patterns.* 2016-06-24. Version 0.3. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>  
PKG-URL: <https://ctan.org/pkg/hyphsubst>
- *The ifdraft package. Detect “draft” and “final” class options.* 2018-01-06. Version 1.4. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iftdraft.dtx>  
PKG-URL: <https://ctan.org/pkg/iftdraft>
- *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>  
PKG-URL: <https://ctan.org/pkg/iflang>
- *The infwarerr package. Complete set of information/warning/error message macros.* 2019-12-06. Version 1.5. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>  
PKG-URL: <https://ctan.org/pkg/infwarerr>
- Oberdiek, Heiko. *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lpl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does `inputenc`; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package `inputenc`.  
URL: <https://mirror.ctan.org/macros/latex/contrib/inputenx>  
PKG-URL: <https://ctan.org/pkg/inputenx>
- *The intcalc package. Expandable arithmetic operations with integers.* 2019-12-21. Version 1.3. LICENSE: lpl1.3. This package provides expandable arithmetic operations with integers, using the `e-TeX` extension `intcalc` if it is available.  
URL: <https://mirror.ctan.org/macros/latex/contrib/intcalc>  
PKG-URL: <https://ctan.org/pkg/intcalc>
- *The kvdefinekeys package. Define keys for use in the kvsetkeys package.* 2019-12-21. Version 1.6. LICENSE: lpl1.3c. The package provides a macro (analogous to `\newcommand`), to define keys for use by `kvsetkeys`.  
URL: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>  
PKG-URL: <https://ctan.org/pkg/kvdefinekeys>
- *The kvoptions package. Key value format for package options.* 2022-06-16. Version 3.15. LICENSE: lpl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>  
PKG-URL: <https://ctan.org/pkg/kvoptions>
- *The kvsetkeys package. Key value parser with default handler support.* 2022-10-05. Version 1.19. LICENSE: lpl1.3. This package provides `\kvsetkeys`, a variant of package `kvoptions`. 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://mirror.ctan.org/macros/latex/contrib/kvsetkeys>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/letltxmacro>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/listingsutf8>  
 PKG-URL: <https://ctan.org/pkg/listingsutf8>
  - *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use.* 2020-09-24. Version 1.25. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/ltxcmds>  
 PKG-URL: <https://ctan.org/pkg/ltxcmds>
  - *The luacolor package. Color support based on LuaTeX's node attributes.* 2021-02-18. Version 1.17. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/luacolor>  
 PKG-URL: <https://ctan.org/pkg/luacolor>
- Oberdiek, Heiko. *The luatex-pkg package. Basic definitions for LuaTeX.* 2019-11-15. LICENSE: lppl1.3c  
 PKG-URL: <https://ctan.org/pkg/luatex-pkg>
- *The magicnum package. Access TeX systems' "magic numbers".* 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/magicnum>  
 PKG-URL: <https://ctan.org/pkg/magicnum>
  - *The makerobust package. Making a macro robust (legacy package).* 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/makerobust>  
 PKG-URL: <https://ctan.org/pkg/makerobust>
  - *The mkjobtexmf package. Generate a texmf tree for a particular job.* 2016-06-24. Version 0.8. LICENSE: artistic  
 URL: <https://mirror.ctan.org/support/mkjobtexmf>  
 PKG-URL: <https://ctan.org/pkg/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 and of and , that make the delimiters act as and . These commands address spacing difficulties in subformulas.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mleftright>  
 PKG-URL: <https://ctan.org/pkg/mleftright>



- *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek.* 2022-09-22. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek>  
 PKG-URL: <https://ctan.org/pkg/oberdiek>
- *The pagegrid package. Print page grid in background.* 2022-09-24. Version 1.6. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pagegrid>  
 PKG-URL: <https://ctan.org/pkg/pagegrid>
- *The pagesel package. Select pages of a document for output.* 2020-08-18. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pagesel>  
 PKG-URL: <https://ctan.org/pkg/pagesel>
- *The pdfcol package. Macros for maintaining colour stacks under pdfTeX.* 2022-09-24. Version 1.7. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfcol>  
 PKG-URL: <https://ctan.org/pkg/pdfcol>
- *The pdfcolfoot package. Separate color stack for footnotes with pdfTeX.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolfoot.dtx>  
 PKG-URL: <https://ctan.org/pkg/pdfcolfoot>
- *The pdfcolmk package. Improved colour support under pdfTeX (legacy stub).* 2019-11-27. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfcolmk>  
 PKG-URL: <https://ctan.org/pkg/pdfcolmk>
- *The pdfcolparallel package. Fix colour problems in package 'parallel'.* 2019-12-31. Version 1.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparallel.dtx>  
 PKG-URL: <https://ctan.org/pkg/pdfcolparallel>
- *The pdfcolparcolumns package. Fix colour problems in package 'parcolumns'.* 2019-12-31. Version 1.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparcolumns.dtx>  
 PKG-URL: <https://ctan.org/pkg/pdfcolparcolumns>
- Oberdiek, Heiko. *The pdfcrop package. Crop PDF graphics.* 2020-06-06. Version 1.40. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/support/pdfcrop>  
 PKG-URL: <https://ctan.org/pkg/pdfcrop>
- *The pdfcrypt package. Allows the setting of pdf encryption.* 2018-01-06. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcrypt.dtx>  
 PKG-URL: <https://ctan.org/pkg/pdfcrypt>
- *The pdfescape package. Implements pdfTeX's escape features using TeX or e-TeX.* 2019-12-14. Version 1.15. LICENSE: lppl1.3. This package implements 's escape features ( , , , ) using TeX or e-TeX.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>  
 PKG-URL: <https://ctan.org/pkg/pdfescape>
- *The pdfscape package. Make landscape pages display as landscape.* 2019-12-10. Version 0.12. LICENSE: lppl1.3. The package adds PDF support to the landscape environment of package , by setting the PDF page attribute. Pages with this attribute will be displayed in landscape orientation by conforming PDF viewers.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdflscape>  
 PKG-URL: <https://ctan.org/pkg/pdflscape>

- *The pdfrender package. Control rendering parameters.* 2019-12-31. Version 1.6. LICENSE: lppl1.3. 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://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/generic/pdftexcmds>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/picture>  
PKG-URL: <https://ctan.org/pkg/picture>
- *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts.* 2018-01-06. Version 1.7. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/support/pkfix>  
PKG-URL: <https://ctan.org/pkg/pkfix>
- *The pmboxdraw package. Poor man’s box drawing characters.* 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>  
PKG-URL: <https://ctan.org/pkg/protecteddef>
- Oberdiek, Heiko. *The refcount package. Counter operations with label references.* 2019-12-21. Version 3.6. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/refcount>  
PKG-URL: <https://ctan.org/pkg/refcount>
- *The rerunfilecheck package. Checksum based rerun checks on auxiliary files.* 2022-07-10. Version 1.10. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>  
PKG-URL: <https://ctan.org/pkg/rerunfilecheck>
- *The resizgather package. Automatically resize overly large equations.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizgather.dtx>  
PKG-URL: <https://ctan.org/pkg/resizgather>
- *The rotchiffre package. Perform simple rotation cyphers.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>  
PKG-URL: <https://ctan.org/pkg/rotchiffre>
- *The scrindex package. Make index package work with Koma-script classes.* 2016-06-24. Version 1.2. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>  
 PKG-URL: <https://ctan.org/pkg/scrindex>
- *The selinput package. Semi-automatic detection of input encoding.* 2019-12-14. Version 1.6. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/selinput>  
 PKG-URL: <https://ctan.org/pkg/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 TeX performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>  
 PKG-URL: <https://ctan.org/pkg/setouterhbox>
  - *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://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>  
 PKG-URL: <https://ctan.org/pkg/settobox>
  - *The soulutf8 package. Permit use of UTF-8 characters in soul.* 2019-12-21. Version 1.2. LICENSE: lppl1.3. This package extends package and adds some support for UTF-8. Namely the input encodings in “ from package and “ from package are supported.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/soulutf8>  
 PKG-URL: <https://ctan.org/pkg/soulutf8>
  - *The stackrel package. Enhancement to the \stackrel command.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>  
 PKG-URL: <https://ctan.org/pkg/stackrel>
  - *The stampinclude package. Inclusion based on .aux file date stamps.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>  
 PKG-URL: <https://ctan.org/pkg/stampinclude>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/stringenc>  
 PKG-URL: <https://ctan.org/pkg/stringenc>
- *The tabularht package. Tabular environments with height specified.* 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>  
 PKG-URL: <https://ctan.org/pkg/tabularht>
  - *The tabularkv package. Tabular environments with key-value interface.* 2018-01-06. Version 1.2. LICENSE: lppl1.3. The tabularkv package creates an environment , whose arguments are specified in key-value form. The arguments chosen determine which other type of tabular is to be used (whether standard L<sup>A</sup>T<sub>E</sub>X ones, or environments from the or the package).  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularkv.dtx>  
 PKG-URL: <https://ctan.org/pkg/tabularkv>
  - *The telprint package. Format German phone numbers.* 2018-01-06. Version 1.11. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/telprint.dtx>  
 PKG-URL: <https://ctan.org/pkg/telprint>

- *The thepdnumber package. Print PDF numbers with minimal digits.* 2016-06-24. Version 1.1. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdnumber.dtx>  
 PKG-URL: <https://ctan.org/pkg/thepdnumber>
- *The thumbpdf package. Thumbnails for pdfTeX and dvips/ps2pdf.* 2018-09-08. Version 3.17. LICENSE: lpl1.3.  
 A Perl script that provides support for thumbnails in and /ps2pdf. The script uses to generate the thumbnails which get represented in a TeX readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain TeX and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/support/thumbpdf>  
 PKG-URL: <https://ctan.org/pkg/thumbpdf>
- *The transparent package. Using a color stack for transparency with pdfTeX.* 2019-12-02. Version 1.4. LICENSE: lpl1.3.  
 Since version 1.40 supports several color stacks; the package uses a separate colour stack for control of transparency (which is not, of course, a colour).  
 URL: <https://mirror.ctan.org/macros/latex/contrib/transparent>  
 PKG-URL: <https://ctan.org/pkg/transparent>
- *The twoopt package. Definitions with two optional arguments.* 2018-01-06. Version 1.6. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/twoopt.dtx>  
 PKG-URL: <https://ctan.org/pkg/twoopt>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/uniquecounter>  
 PKG-URL: <https://ctan.org/pkg/uniquecounter>
- *The vpe package. Source specials for PDF output.* 2016-06-24. Version 0.2. LICENSE: lpl  
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 PKG-URL: <https://ctan.org/pkg/vpe>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/zref>  
 PKG-URL: <https://ctan.org/pkg/zref>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/hyperref>  
 PKG-URL: <https://ctan.org/pkg/nameref>
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 PKG-URL: <https://ctan.org/pkg/hyperref>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/pax>  
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 URL: <https://mirror.ctan.org/support/eukleides>  
 PKG-URL: <https://ctan.org/pkg/eukleides>

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PKG-URL: <https://ctan.org/pkg/variations>
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PKG-URL: <https://ctan.org/pkg/beamertheme-cuerna>
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URL: <https://mirror.ctan.org/info/lshort>  
PKG-URL: <https://ctan.org/pkg/lshort>
- *The lshort-english package. A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2e.* 2021-03-09. Version 6.4. LICENSE: gpl2  
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PKG-URL: <https://ctan.org/pkg/lshort-english>
- *The timetab package. Typeset timetables.* 2016-06-24. Version 0.1. LICENSE: noinfo. Defines an environment that prints a table, in the way one might when doing the job by hand. (The basic entry is , from German Lektor.)  
URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/timetab.sty>  
PKG-URL: <https://ctan.org/pkg/timetab>
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URL: <https://mirror.ctan.org/macros/latex/contrib/acronym>  
PKG-URL: <https://ctan.org/pkg/acronym>
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URL: <https://mirror.ctan.org/support/qfig>  
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URL: <https://mirror.ctan.org/macros/latex/contrib/revtex>  
PKG-URL: <https://ctan.org/pkg/ltxutil>
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URL: <https://mirror.ctan.org/macros/psizzl>  
PKG-URL: <https://ctan.org/pkg/psizzl>
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 PKG-URL: <https://ctan.org/pkg/revtex>
- *The revtex4-0 package. Styles for various Physics Journals (old version).* 2020-10-02. Version 4.0a. LICENSE: lppl. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>  
 PKG-URL: <https://ctan.org/pkg/revtex4-0>
  - *The revtex4-1 package. Styles for various Physics Journals.* 2020-10-16. Version 4.1s. LICENSE: lppl1.3. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/emp>  
 PKG-URL: <https://ctan.org/pkg/emp>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/feynmf>  
 PKG-URL: <https://ctan.org/pkg/feynmf>
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 PKG-URL: <https://ctan.org/pkg/mcite>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/niceframe>  
 PKG-URL: <https://ctan.org/pkg/niceframe>
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 PKG-URL: <https://ctan.org/pkg/jsclasses>
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 PKG-URL: <https://ctan.org/pkg/namedef>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/reotex>  
 PKG-URL: <https://ctan.org/pkg/reotex>
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 PKG-URL: <https://ctan.org/pkg/uaclasses>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/polski>  
 PKG-URL: <https://ctan.org/pkg/polski>
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 URL: <https://mirror.ctan.org/fonts/utilities/a2ac>  
 PKG-URL: <https://ctan.org/pkg/a2ac>
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 URL: <https://mirror.ctan.org/macros/generic/apnum>  
 PKG-URL: <https://ctan.org/pkg/apnum>
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 URL: <https://mirror.ctan.org/macros/generic/code128>  
 PKG-URL: <https://ctan.org/pkg/code128>
  - *The csfonts-t1 package. Czech/Slovak tuned CM fonts in Type 1 format*. 2017-04-18. LICENSE: gpl. These are Adobe Type 1 versions of the fonts.  
 URL: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>  
 PKG-URL: <https://ctan.org/pkg/csfonts-t1>
  - *The csplain package. Plain TeX multilanguage support*. 2022-03-17. Version Mar. 2022. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/cstex/base/csplain.tar.gz>  
 PKG-URL: <https://ctan.org/pkg/csplain>
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 URL: <https://mirror.ctan.org/macros/cstex>  
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 URL: <https://mirror.ctan.org/macros/generic/ean>  
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 URL: <https://mirror.ctan.org/systems/encTeX>  
 PKG-URL: <https://ctan.org/pkg/encTeX>
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 PKG-URL: <https://ctan.org/pkg/ofs>
  - *The olsak-misc package. Collection of plain TeX macros written by Petr Olšák*. 2022-08-04. Version Aug. 2022. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/generic/olsak-misc>  
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 PKG-URL: <https://ctan.org/pkg/optex>

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 PKG-URL: <https://ctan.org/pkg/cspsfonts>
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 In financial reports, text and currency amounts are regularly put in one table, e.g., a year balance or a profit-and-loss overview. This package provides the settings for automatically typesetting such columns, including the sum line (preceded by a rule of the correct width) using the specifier “”.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fcolumn>  
 PKG-URL: <https://ctan.org/pkg/fcolumn>
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 URL: <https://mirror.ctan.org/info/lshort/persian>  
 PKG-URL: <https://ctan.org/pkg/lshort-persian>
- Oostrum, Pieter van. *The badge package. Print badge labels.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/badge>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/multirow>  
 PKG-URL: <https://ctan.org/pkg/bigdelim>
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 PKG-URL: <https://ctan.org/pkg/osa>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/xcolor-material>  
 PKG-URL: <https://ctan.org/pkg/xcolor-material>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chextras>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/shadow>  
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/multicolpar.sty>  
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 PKG-URL: <https://ctan.org/pkg/semantex>
- *The SemTeX package. Deals with stripped SemanTeX documents.* 2020-10-04. Version 0.45. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/semtex>  
 PKG-URL: <https://ctan.org/pkg/semtex>
- *The stricttex package. Strictly balanced brackets and numbers in command names.* 2020-09-08. Version 0.2beta. LICENSE: lppl1.3c

- URL: <https://mirror.ctan.org/macros/luatex/latex/stricttex>  
 PKG-URL: <https://ctan.org/pkg/stricttex>
- Osborne, Alexander. *The PuyoTikZ package. Quickly typeset board states of Puyo Puyo games.* 2021-01-03. Version 1.0.1. LICENSE: mit  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/puyotikz>  
 PKG-URL: <https://ctan.org/pkg/puyotikz>
- Osborne, Martin J. *The egameps package. LaTeX package for typesetting extensive games.* 2018-09-15. Version 1.1. LICENSE: lppl. The style is intended to have enough features to draw any extensive game with relative ease. The facilities of are used for graphics. (An older version of the package, which uses the L<sup>A</sup>T<sub>E</sub>X picture environment rather than PSTricks and consequently has many fewer features is available on the package home page.)  
 URL: <https://mirror.ctan.org/macros/latex/contrib/egameps>  
 PKG-URL: <https://ctan.org/pkg/egameps>
- *The latex-bnf package. LaTeX macros for typing BNF specifications.* 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>  
 PKG-URL: <https://ctan.org/pkg/latex-bnf>
  - *The rputover package. Place text over PSTricks objects without obscuring background colors.* 2017-07-02. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>  
 PKG-URL: <https://ctan.org/pkg/rputover>
- Osborne, Martin J. *The sgame package. LaTeX style for typesetting strategic games.* 2017-04-18. Version 2.15. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/sgame>  
 PKG-URL: <https://ctan.org/pkg/sgame>
- *The Swimgraf package. Graphical/textual representations of swimming performances.* 2018-09-15. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/swimgraf>  
 PKG-URL: <https://ctan.org/pkg/swimgraf>
  - *The text2bib package. A PHP script to convert references to BibTeX.* 2016-06-24. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/text2bib>  
 PKG-URL: <https://ctan.org/pkg/text2bib>
- Ouassou, Jabir Ali and Luuk Tijssen. *The eulerpx package. A modern interface for the Euler math fonts.* 2022-07-15. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/eulerpx>  
 PKG-URL: <https://ctan.org/pkg/eulerpx>
- Oudenhove, Thomas van. *The sort-by-letters package. Bibliography styles for alphabetic sorting.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>  
 PKG-URL: <https://ctan.org/pkg/sort-by-letters>
- *The texloganalyser package. Analyse TeX logs.* 2020-03-26. Version 0.11. LICENSE: bsd  
 URL: <https://mirror.ctan.org/support/texloganalyser>  
 PKG-URL: <https://ctan.org/pkg/texloganalyser>
- Owens, John. *The otfinst package. Install OpenType fonts for use in TeX/LaTeX systems.* 2018-01-06. Version 1.0.3. LICENSE: bsd. Otfinst takes a list of OpenType font files as input, uses Eddie Kohler’s to install

- them into a TeX/LaTeX system, and builds and installs the necessary font description and style files. Otfinst was formerly known as otfex\_install and is written in Python. It has similar capabilities to Marc Penninga's.
- URL: <https://mirror.ctan.org/fonts/utilities/otfinst>  
 PKG-URL: <https://ctan.org/pkg/otfinst>
- Pacini, Alex. *The cesenaexam package. A class file to typeset exams*. 2017-08-07. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>  
 PKG-URL: <https://ctan.org/pkg/cesenaexam>
- Paciorek, Robert. *The ehline package. Extend the \hhline command*. 2020-04-04. Version 1.1. LICENSE: mit.  
 This package extends the command with a token, which allows to create lines with arbitrary L<sup>A</sup>T<sub>E</sub>X commands.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ehline>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/labels4easylist>  
 PKG-URL: <https://ctan.org/pkg/labels4easylist>
- *The pdfarticle package. Class for pdf publications*. 2019-05-15. Version 1.0. LICENSE: mit  
 URL: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>  
 PKG-URL: <https://ctan.org/pkg/pdfarticle>
- *The tikzpackets package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackets>  
 PKG-URL: <https://ctan.org/pkg/tikzpackets>
- Paciorek, Robert. *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://mirror.ctan.org/macros/latex/contrib/vtable>  
 PKG-URL: <https://ctan.org/pkg/vtable>
- Page, Stephen. *The doublespace package. Double space environment*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>  
 PKG-URL: <https://ctan.org/pkg/doublespace>
- *The drafthead package. Mark "DRAFT" in page headers*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>  
 PKG-URL: <https://ctan.org/pkg/drafthead>
- Pagin, Peter. *The philex package. Cross references for named and numbered environments*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/philex>  
 PKG-URL: <https://ctan.org/pkg/philex>
- Pać, Alan and Ivan Kokan. *The babel-croatian package. Babel contributed support for Croatian*. 2016-06-24. Version 1.3l. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>  
 PKG-URL: <https://ctan.org/pkg/babel-croatian>
- Pakin, Scott. *The arlatex package. A L<sup>A</sup>T<sub>E</sub>X-based archiver*. 2022-10-04. Version 1.1. LICENSE: lppl1.3c. 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 L<sup>A</sup>T<sub>E</sub>X.

- URL: <https://mirror.ctan.org/support/bundledoc>  
 PKG-URL: <https://ctan.org/pkg/arllatex>
- *The attachfile package. Attach arbitrary files to a PDF document.* 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/attachfile>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/boxedminipage>  
 PKG-URL: <https://ctan.org/pkg/boxedminipage>
  - *The bundledoc package. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document.* 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/support/bundledoc>  
 PKG-URL: <https://ctan.org/pkg/bundledoc>
  - *The bytefield package. Create illustrations for network protocol specifications.* 2021-08-18. Version 2.7. LICENSE: lppl1.3a  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bytefield>  
 PKG-URL: <https://ctan.org/pkg/bytefield>
  - *The comicsans package. Use Microsoft Comic Sans font.* 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/comicsans>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/cooltooltips>  
 PKG-URL: <https://ctan.org/pkg/cooltooltips>
  - Pakin, Scott. *The covfonts package. Make Apostrophic Laboratories’s Covington fonts available to TeX and L<sup>A</sup>T<sub>E</sub>X.* 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 L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/fonts/covfonts>  
 PKG-URL: <https://ctan.org/pkg/covfonts>
  - *The ctanify package. Prepare a package for upload to CTAN.* 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/support/ctanify>  
 PKG-URL: <https://ctan.org/pkg/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 L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X’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 L<sup>A</sup>T<sub>E</sub>X back-end processor.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dashrule>  
 PKG-URL: <https://ctan.org/pkg/dashrule>

- *The dtxut package. Tutorial on writing .dtx and .ins files.* 2016-06-24. Version 2.1. LICENSE: lppl1.3. This tutorial is intended for advanced L<sup>A</sup>T<sub>E</sub>X2e users who want to learn how to create and files for distributing their homebrewed classes and package files.  
URL: <https://mirror.ctan.org/info/dtxut>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/eqparbox>  
PKG-URL: <https://ctan.org/pkg/eqparbox>
- *The filecontents package. Create an external file from within a L<sup>A</sup>T<sub>E</sub>X document.* 2019-09-21. Version 1.5. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/filecontents>  
PKG-URL: <https://ctan.org/pkg/filecontents>
- *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document.* 2020-11-22. Version 5.9. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/IEEEconf>  
PKG-URL: <https://ctan.org/pkg/ieeeconf>
- Pakin, Scott. *The leawood package. LaTeX support for use of ITC Leawood font family.* 2016-06-24. LICENSE: lppl  
URL: <https://mirror.ctan.org/fonts/psfonts/leawood>  
PKG-URL: <https://ctan.org/pkg/leawood>
- *The listliketab package. Typeset lists as tables.* 2016-06-24. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/listliketab>  
PKG-URL: <https://ctan.org/pkg/listliketab>
- *The mf2pt1 package. Convert stylized Metafont to PostScript Type 1.* 2021-12-04. Version 2.7. 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 TeXtrace, `mf2pt1`, and other programs which convert bitmaps to outline fonts.  
URL: <https://mirror.ctan.org/support/mf2pt1>  
PKG-URL: <https://ctan.org/pkg/mf2pt1>
- *The mftinc package. Pretty-print Metafont source.* 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/mftinc>  
PKG-URL: <https://ctan.org/pkg/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 `\newcommand` 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://mirror.ctan.org/support/newcommand>  
 PKG-URL: <https://ctan.org/pkg/newcommand>
- *The perl<sub>tex</sub> package. Define L<sup>A</sup>T<sub>E</sub>X macros in terms of Perl code.* 2019-09-23. Version 2.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/perl<sub>tex</sub>>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/support/pkfix-helper>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/support/purifyeps>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/repl<sub>text</sub>>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/savetrees>  
 PKG-URL: <https://ctan.org/pkg/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 an 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://mirror.ctan.org/macros/latex/contrib/spverbatim>  
 PKG-URL: <https://ctan.org/pkg/spverbatim>
  - Pakin, Scott. *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.* 2021-05-06. Version 14.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/symbols/comprehensive>  
 PKG-URL: <https://ctan.org/pkg/comprehensive>
  - *The threadcol package. Organize document columns into PDF “article thread”.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/threadcol>  
 PKG-URL: <https://ctan.org/pkg/threadcol>
  - *The uiucborder package. Class for UIUC thesis red-bordered forms.* 2016-06-24. Version 1.00. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>  
 PKG-URL: <https://ctan.org/pkg/uiucborder>
  - *The visualFAQ package. A Visual L<sup>A</sup>T<sub>E</sub>X FAQ.* 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a L<sup>A</sup>T<sub>E</sub>X question? The Visual L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X FAQ will send your Web browser to the appropriate page in the .

- URL: <https://mirror.ctan.org/info/visualfaq>  
 PKG-URL: <https://ctan.org/pkg/visualfaq>
- *The wheretotrim package. Assist in reducing L<sup>A</sup>T<sub>E</sub>X document page counts.* 2016-06-24. Version 1.0. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/support/wheretotrim>  
 PKG-URL: <https://ctan.org/pkg/wheretotrim>
  - Pal, Palash Baran. *The bangtex package. Writing Bangla and Assamese with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lpl  
 URL: <https://mirror.ctan.org/language/bengali/bangtex>  
 PKG-URL: <https://ctan.org/pkg/bangtex>
  - Pallas, Joseph. *The suthesis package. Typeset a Stanford University thesis.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>  
 PKG-URL: <https://ctan.org/pkg/suthesis>
  - Palm, Reimo. *The lshort-estonian package. Estonian introduction to L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 5.05. LICENSE: gpl2. This is the Estonian translation of .  
 URL: <https://mirror.ctan.org/info/lshort/estonian>  
 PKG-URL: <https://ctan.org/pkg/lshort-estonian>
  - Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code.* 2019-11-27. Version 1.5. LICENSE: lpl  
 URL: <https://mirror.ctan.org/graphics/mol2chemfig>  
 PKG-URL: <https://ctan.org/pkg/mol2chemfig>
  - *The pdfreview package. Annotate PDF files with margin notes.* 2019-02-22. Version 1.2. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfreview>  
 PKG-URL: <https://ctan.org/pkg/pdfreview>
  - Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibweb>  
 PKG-URL: <https://ctan.org/pkg/bibweb>
  - *The Ultra-TeX package. An emacs TeX mode with "lightning completion".* 2016-06-24. 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://mirror.ctan.org/support/ultratex>  
 PKG-URL: <https://ctan.org/pkg/ultratex>
  - Pamp, Quirin. *The frege package. Typeset fregean Begriffsschrift.* 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frege>  
 PKG-URL: <https://ctan.org/pkg/frege>
  - Pan, Shengjun. *The lmake package. Process lists to do repetitive actions.* 2016-06-24. Version 1.0. LICENSE: lpl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lmake>  
 PKG-URL: <https://ctan.org/pkg/lmake>
  - *The meper package. MetaPost editor and previewer.* 2017-04-18. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/meper>  
 PKG-URL: <https://ctan.org/pkg/meper>
  - Panagopoulos, George. *The db package. Process simple databases inside L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 2.1. LICENSE: noinfo

- URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/db.sty>  
 PKG-URL: <https://ctan.org/pkg/db>
- Pandey, Anshuman. *The gurmukhi package. Support for Gurmukhi*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/gurmukhi/pandey>  
 PKG-URL: <https://ctan.org/pkg/gurmukhi>
- *The wnri-latex package. LaTeX support for wnri fonts*. 2018-01-06. Version 1.0b. LICENSE: gpl2. LaTeX support for the fonts.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>  
 PKG-URL: <https://ctan.org/pkg/wnri-latex>
- Pandey, Anshuman and Abhijit Das. *The bengali-pandey package. Support for the Bengali language*. 2020-06-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/language/bengali/pandey>  
 PKG-URL: <https://ctan.org/pkg/bengali-pandey>
- 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://mirror.ctan.org/fonts/cm-unicode>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/arsclassica>  
 PKG-URL: <https://ctan.org/pkg/arsclassica>
- Pantigny, François. *The cascade package. Constructions with braces to present mathematical demonstrations*. 2021-08-23. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cascade>  
 PKG-URL: <https://ctan.org/pkg/cascade>
- Pantigny, François. *The nicematrix package. Improve the typesetting of mathematical matrices with PGF*. 2022-10-06. Version 6.13b. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicematrix>  
 PKG-URL: <https://ctan.org/pkg/nicematrix>
- *The piton package. Typeset Python listings with LPEG*. 2022-10-08. Version 0.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/piton>  
 PKG-URL: <https://ctan.org/pkg/piton>
- *The witharrows package. “Aligned” math environments with arrows for comments*. 2022-04-20. Version 2.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/witharrows>  
 PKG-URL: <https://ctan.org/pkg/witharrows>
- Pantke, Micaela. *The futhorc package. Anglo-Friesic futhorc alphabet font*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/fonts/futhorc>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/obsolete/macros/latex/contrib/ametsoc>  
 PKG-URL: <https://ctan.org/pkg/ametsoc>
- Papanicola, Robert. *The bodegraph package. Draw Bode, Nyquist and Black plots with gnuplot and TikZ*. 2021-10-30. Version 1.4. 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://mirror.ctan.org/graphics/pgf/contrib/bodegraph>  
 PKG-URL: <https://ctan.org/pkg/bodegraph>
- *The grafcet package. Draw Grafcet/SFC with TikZ.* 2018-01-17. Version 1.3.5. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/grafcet>  
 PKG-URL: <https://ctan.org/pkg/grafcet>
  - *The schemabloc package. Draw block diagrams, using TikZ.* 2021-02-26. Version 1.5. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/schemabloc>  
 PKG-URL: <https://ctan.org/pkg/schemabloc>
- Papasalouros, Andreas and Antonis Tsolomitis. *The Latex2Nemeth package. Convert L<sup>A</sup>T<sub>E</sub>X source to Braille with math in Nemeth.* 2022-09-04. Version 1.1.1. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/support/latex2nemeth>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/cyrillic/literat>  
 PKG-URL: <https://ctan.org/pkg/literaturnaya>
- 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://mirror.ctan.org/macros/latex/contrib/cals>  
 PKG-URL: <https://ctan.org/pkg/cals>
- Parashchenko, Oleg. *The parades package. Tabulators and space between paragraphs in galley approach.* 2016-06-24. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/parades>  
 PKG-URL: <https://ctan.org/pkg/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 P<sub>I</sub>C<sub>T</sub>E<sub>X</sub>. The other command modifies to use a rule instead of dots if the line segment is horizontal or vertical.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>  
 PKG-URL: <https://ctan.org/pkg/pictex2>
- 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 L<sup>A</sup>T<sub>E</sub>X package takes the tags and prints out corresponding Braille symbols.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/braille>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/bibleref-lds>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/bibleref-mouth>  
 PKG-URL: <https://ctan.org/pkg/bibleref-mouth>
- Parsloe, Andrew. *The diffcoeff package. Write differential coefficients easily and consistently*. 2022-06-14. Version 4.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/diffcoeff>  
 PKG-URL: <https://ctan.org/pkg/diffcoeff>
- *The numerica package. Numerically evaluate mathematical expressions in L<sup>A</sup>T<sub>E</sub>X form*. 2021-12-12. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/numerica>  
 PKG-URL: <https://ctan.org/pkg/numerica>
  - *The numerica-plus package. Iteration and recurrence relations: finding fixed points, zeros and extrema of functions*. 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>  
 PKG-URL: <https://ctan.org/pkg/numerica-plus>
  - *The numerica-tables package. Create multi-column tables of mathematical functions*. 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/numerica-tables>  
 PKG-URL: <https://ctan.org/pkg/numerica-tables>
- Parsons, Josh. *The begriff package. Typeset Begriffschrift*. 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/begriff>  
 PKG-URL: <https://ctan.org/pkg/begriff>
- Partl, Hubert. *The portland package. Simple portrait/landscape switching*. 2019-06-21. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>  
 PKG-URL: <https://ctan.org/pkg/portland>
- Partl, Hubert and B. Simon. *The sfarticle package. A L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex209/contrib/sfarticle>  
 PKG-URL: <https://ctan.org/pkg/sfarticle>
- Pasechnik, Dima and Dan Drake. *The SageTeX package. Embed Sage code and plots into L<sup>A</sup>T<sub>E</sub>X*. 2020-10-16. Version 3.5. 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.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/sagetex>  
 PKG-URL: <https://ctan.org/pkg/sagetex>
- Pasquet, Stéphane. *The pas-cours package. Macros useful in preparing teaching material*. 2020-07-16. Version 1.9. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pas-cours>  
 PKG-URL: <https://ctan.org/pkg/pas-cours>
- *The pas-crosswords package. Creating crossword grids, using TikZ*. 2016-06-24. Version 1.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pas-crosswords>  
 PKG-URL: <https://ctan.org/pkg/pas-crosswords>
  - *The pas-cv package. Flexible typesetting of Curricula Vitae*. 2016-06-24. Version 2.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pas-cv>  
 PKG-URL: <https://ctan.org/pkg/pas-cv>

- *The pas-tableur package. Create a spreadsheet layout.* 2016-06-24. Version 2.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pas-tableur>  
 PKG-URL: <https://ctan.org/pkg/pas-tableur>
- Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for L<sup>A</sup>T<sub>E</sub>X or other formats.* 2022-09-15. Version 0.99d. LICENSE: knuth  
 URL: <https://mirror.ctan.org/biblio/bibtex/base>  
 PKG-URL: <https://ctan.org/pkg/bibtex>
- Pate, John. *The screenplay package. A class file to typeset screenplays.* 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/screenplay>  
 PKG-URL: <https://ctan.org/pkg/screenplay>
- Patel-Schneider, Peter. *The aaai package. AAAI style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/aaai>  
 PKG-URL: <https://ctan.org/pkg/aaai>
- *The aaai-named package. BibTeX style for AAAI.* 2019-10-23. LICENSE: other-free. A BibTeX style derived from the standard master, presumably for use with the package.  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aaai-named.bst>  
 PKG-URL: <https://ctan.org/pkg/aaai-named>
- *The ijcai89 package. Format papers for IJCAI 1989.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>  
 PKG-URL: <https://ctan.org/pkg/ijcai89>
- *The named package. "Named" bibliography style.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/named>  
 PKG-URL: <https://ctan.org/pkg/named>
- Paternault, Louis. *The graph35 package. Draw keys and screen items of several Casio calculators.* 2018-04-29. Version 0.1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/graph35>  
 PKG-URL: <https://ctan.org/pkg/graph35>
- *The pixelart package. A package to draw pixel-art pictures.* 2021-01-14. Version 0.2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>  
 PKG-URL: <https://ctan.org/pkg/pixelart>
- *The SpiX package. Yet another TeX compilation tool: simple, human readable, no option, no magic.* 2020-07-28. Version 1.1.0. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/spix>  
 PKG-URL: <https://ctan.org/pkg/spix>
- *The thalie package. Typeset drama plays.* 2022-10-09. Version 0.12a. 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://mirror.ctan.org/macros/latex/contrib/thalie>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>  
 PKG-URL: <https://ctan.org/pkg/bibfile-reformat-pages>
- Pearson, George. *The asaetr package. Transactions of the ASAE*. 2016-06-24. Version 1.0a. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/asaetr>  
 PKG-URL: <https://ctan.org/pkg/asaetr>
- *The scientificviewer package. MacKichan software viewer*. 2016-06-24. LICENSE: nosource  
 URL: <https://mirror.ctan.org/systems/win32/scientificviewer>  
 PKG-URL: <https://ctan.org/pkg/scientificviewer>
- Pease, Emma. *The phonetic package. Metafont Phonetic fonts, based on Computer Modern*. 2020-09-26. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/phonetic>  
 PKG-URL: <https://ctan.org/pkg/phonetic>
- *The tree-dvips package. Trees and other linguists' macros*. 2016-06-24. Version .91. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>  
 PKG-URL: <https://ctan.org/pkg/tree-dvips>
- Péault, Olivier. *The mptrees package. Probability trees with MetaPost*. 2021-11-02. Version 21.11. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>  
 PKG-URL: <https://ctan.org/pkg/mptrees>
- *The repere package. Diagrams for school mathematics*. 2022-07-08. Version 22.07. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>  
 PKG-URL: <https://ctan.org/pkg/repere>
- Pecheur, Charles. *The outlines package. Produce "outline" lists*. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different item tags to for each nesting level. This is very convenient in cases where nested lists are used a lot, such as for to-do lists or presentation slides.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/outlines>  
 PKG-URL: <https://ctan.org/pkg/outlines>
- Pedersen, Bjørn. *The bpchem package. Typeset chemical names, formulae, etc*. 2017-08-23. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bpchem>  
 PKG-URL: <https://ctan.org/pkg/bpchem>
- *The delimtxt package. Read and parse text tables*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/exptl/delimtxt>  
 PKG-URL: <https://ctan.org/pkg/delimtxt>
  - *The dnaseq package. Format DNA base sequences*. 2016-06-24. Version 0.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>  
 PKG-URL: <https://ctan.org/pkg/dnaseq>
  - *The gradback package. Gradient backgrounds for dvips output*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/gradback>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/serial>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/ku-template>  
 PKG-URL: <https://ctan.org/pkg/ku-template>
- Peeters, Kasper. *The gchords package. Typeset guitar chords.* 2017-04-18. Version 1.20. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/gchords>  
 PKG-URL: <https://ctan.org/pkg/gchords>
- Pégourié-Gonnard, Manuel. *The luacode package. Helper for executing lua code from within TeX.* 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within TeX 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://mirror.ctan.org/macros/luatex/latex/luacode>  
 PKG-URL: <https://ctan.org/pkg/luacode>
- *The lualatex-doc package. A guide to use of L<sup>A</sup>T<sub>E</sub>X with LuaTeX.* 2016-06-24. LICENSE: fdl  
 URL: <https://mirror.ctan.org/info/luatex/lualatex-doc>  
 PKG-URL: <https://ctan.org/pkg/lualatex-doc>
  - *The pdf14 package. Restore PDF 1.4 to a TeX live 2010 format.* 2016-06-24. 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://mirror.ctan.org/macros/latex/contrib/pdf14>  
 PKG-URL: <https://ctan.org/pkg/pdf14>
- Pégourié-Gonnard, Manuel. *The show2e package. Variants of \show for L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε.* 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 L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε 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://mirror.ctan.org/macros/latex/contrib/show2e>  
 PKG-URL: <https://ctan.org/pkg/show2e>
- *The ted package. A (primitive) token list editor.* 2016-06-24. Version 1.06. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ted>  
 PKG-URL: <https://ctan.org/pkg/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 L<sup>A</sup>T<sub>E</sub>X commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xargs>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/luatex/generic/luatexbase>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/info/luatex/lualatex-doc-de>  
 PKG-URL: <https://ctan.org/pkg/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences*. 2022-03-22. Version 2.1.3. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>  
 PKG-URL: <https://ctan.org/pkg/bfh-ci>
- *The mucproc package. Conference proceedings for the German MuC-conference*. 2017-04-18. Version 1.02. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mucproc>  
 PKG-URL: <https://ctan.org/pkg/mucproc>
- *The tuda-ci package. LaTeX templates of Technische Universität Darmstadt*. 2022-08-03. Version 3.27. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tuda-ci>  
 PKG-URL: <https://ctan.org/pkg/tuda-ci>
- *The urcls package. Beamer and scrlltr2 classes and styles for the University of Regensburg*. 2019-02-01. Version 2.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/urcls>  
 PKG-URL: <https://ctan.org/pkg/urcls>
- Peischl, Marei and Alex Antener. *The qrbill package. Create QR bills using L<sup>A</sup>T<sub>E</sub>X*. 2022-09-15. Version 1.05. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/qrbill>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/drawmatrix>  
 PKG-URL: <https://ctan.org/pkg/drawmatrix>
- Penninga, Marc. *The fontools package. Tools to simplify using fonts (especially TT/OTF ones)*. 2022-01-24. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/fonts/utilities/fontools>  
 PKG-URL: <https://ctan.org/pkg/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/truetypemetrics>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/ifacmtg>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>  
 PKG-URL: <https://ctan.org/pkg/cmcyr-patch>

Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination*. 2019-02-03. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cvsty>  
 PKG-URL: <https://ctan.org/pkg/cvsty>

Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>  
 PKG-URL: <https://ctan.org/pkg/ecta>

Peron, Jacques and The Gregorio Project. *The lyluatex package. Commands to include lilypond scores within a (Lua)LaTeX document*. 2019-05-28. Version 1.0f. LICENSE: mit  
 URL: <https://mirror.ctan.org/support/lyluatex>  
 PKG-URL: <https://ctan.org/pkg/lyluatex>

Perrone, Michael P. *The plainyr package. Plain bibliography style, sorted by year first*. 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/plainyr.bst>  
 PKG-URL: <https://ctan.org/pkg/plainyr>

Perske, Rainer. *The verbinp package. "8-bit" verbatim*. 2016-06-24. LICENSE: noinfo. In the days before the advent of L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>, and of the package, this package enabled the use of ISO 8859-1 coded verbatim input through a command.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/verbinp.sty>  
 PKG-URL: <https://ctan.org/pkg/verbinp>

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://mirror.ctan.org/macros/latex209/contrib/verbtex>  
 PKG-URL: <https://ctan.org/pkg/verbtex>

Pfenning, 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 L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>. 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.  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/anonchap>  
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 PKG-URL: <https://ctan.org/pkg/chngcntr>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chngpage>  
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- 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.  
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 PKG-URL: <https://ctan.org/pkg/layouts>
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 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/midpage>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/newfile>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>  
 PKG-URL: <https://ctan.org/pkg/nextpage>
- *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.  
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 PKG-URL: <https://ctan.org/pkg/pagenote>
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URL: <https://mirror.ctan.org/macros/latex/contrib/vertbars>  
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/byo-twemojis>  
 PKG-URL: <https://ctan.org/pkg/byo-twemojis>
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 PKG-URL: <https://ctan.org/pkg/harveyballs>
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- Rouquette, Maïeul. *The biblatex-anonymous package. A tool to manage anonymous work with BibLaTeX*. 2018-09-02. Version 2.6.2. LICENSE: lppl1.3. The package provides tools to help manage anonymous work with . It will be useful, for example, in history or classical philology.  
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 PKG-URL: <https://ctan.org/pkg/biblatex-bookinarticle>
- *The biblatex-bookinother package. Manage book edited in other entry type*. 2020-03-02. Version 2.3.3. LICENSE: lppl1.3. This package provides new BibLaTeX entry types and fields for book edited in other types, like for instance . It offers more types than the older package which it superseeds.

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- *The biblatex-claves package. A tool to manage claves of old literature with BibLaTeX.* 2017-11-19. Version 1.2.1. LICENSE: lppl1.3  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-morenames>  
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 PKG-URL: <https://ctan.org/pkg/biblatex-multiple-dm>
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  - *The biblatex-realauthor package. Indicate the real author of a work.* 2017-11-20. Version 2.7.1a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-realauthor>  
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  - *The biblatex-shortfields package. Use short forms of fields with BibLaTeX.* 2017-11-19. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-shortfields>  
 PKG-URL: <https://ctan.org/pkg/biblatex-shortfields>
  - *The biblatex-source-division package. References by “division” in classical sources.* 2017-09-21. Version 2.4.2. LICENSE: lppl1.3. The package enables the user to make reference to “division marks” (such as , , ), in the document being referenced, in addition to the page-based references that BibTeX-based citations have always had. The citation is made in the same way as the L<sup>A</sup>T<sub>E</sub>X standard, but what’s inside the square brackets may include the “division” specification, as in  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-source-division>  
 PKG-URL: <https://ctan.org/pkg/biblatex-source-division>
  - *The biblatex-subseries package. Manages subseries with BibLaTeX.* 2017-04-18. Version 1.2.0. LICENSE: lppl1.3  
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 PKG-URL: <https://ctan.org/pkg/biblatex-subseries>
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 PKG-URL: <https://ctan.org/pkg/biblatex-true-citepages-omit>
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 URL: <https://mirror.ctan.org/info/latex-sciences-humaines.pdf>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/reledmac>  
 PKG-URL: <https://ctan.org/pkg/reledmac>
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- Roux, Élie and Manuel Pégourié-Gonnard. *The luainputenc package. Replacing inputenc for use in LuaTeX*. 2017-04-18. Version 0.973. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/luatex/latex/luainputenc>  
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- *The luatextra package. Additional macros for Plain TeX and L<sup>A</sup>T<sub>E</sub>X in LuaTeX*. 2017-04-18. Version 1.0.1. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/luatex/latex/luatextra>  
 PKG-URL: <https://ctan.org/pkg/luatextra>
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 URL: <https://mirror.ctan.org/graphics/bit2spr>  
 PKG-URL: <https://ctan.org/pkg/bit2spr>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/customdice>  
 PKG-URL: <https://ctan.org/pkg/customdice>
- *The nimsticks package. Draws sticks for games of multi-pile Nim*. 2022-08-14. Version 2.0.1. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package provides commands to draw a single nim stick and which represents games of multi-pile Nim. Nim sticks are drawn with a little random wobble so they look ‘thrown together’ and not too regular. The package also provides options to customise the size and colour of the sticks, and



- flexibility to draw heaps of different objects.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/nimsticks>  
 PKG-URL: <https://ctan.org/pkg/nimsticks>
- Rowlett, Peter and Chris Sangwin. *The hexboard package. For drawing Hex boards and games.* 2022-02-23. Version 1.0. LICENSE: cc-by-sa-4  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/hexboard>  
 PKG-URL: <https://ctan.org/pkg/hexboard>
- Rowley, Chris, Dominik Wujastyk, and Bradley Smith. *The fnpara package. Footnotes in paragraphs.* 2016-06-24. LICENSE: lppl1.3. Typeset footnotes in run-on paragraphs, instead of one above another; this is a re-seating, for the L<sup>A</sup>T<sub>E</sub>X environment, of an example in the TeXbook. The same basic code, improved for use in -based L<sup>A</sup>T<sub>E</sub>X, appears in the comprehensive footnote package , and superior versions are also available in the and packages.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fnpara>  
 PKG-URL: <https://ctan.org/pkg/fnpara>
- Roy, Y. *The frenchponct package. Implement French-style spacing at punctuation.* 2016-06-24. LICENSE: noinfo. The package represents an early instance of the (now common) active-character technique of inserting space in front of the punctuation characters.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchponct.sty>  
 PKG-URL: <https://ctan.org/pkg/frenchponct>
- Royal Astronomical Society, Nadine Thompson, and Kim Clube. *The mnras package. Monthly Notices of the Royal Astronomical Society.* 2020-07-02. Version 3.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mnras>  
 PKG-URL: <https://ctan.org/pkg/mnras>
- Rozhenko, Alexander I. *The afterpackage package. Add commands to package after it's loaded.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/afterpackage>
- *The dcounter package. Support dynamic counters.* 2018-07-03. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/dcounter>
  - *The desclist package. Extended “description” lists.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/desclist>
  - *The extdash package. A range of dash commands for compound words.* 2018-07-03. Version 1.3. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/extdash>
  - *The manyfoot package. Adds footnote levels to standard L<sup>A</sup>T<sub>E</sub>X’s footnote mechanism.* 2019-08-03. Version 1.11. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/manyfoot>
  - *The mboxfill package. Fill free space with a pattern.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/mboxfill>
  - *The NCC-LaTeX package. An extended general-purpose class.* 2016-06-24. Version 1.5. LICENSE: lppl. The ncc class provides a framework for a common class to replace the standard article, book and report classes,

- and providing a “preprint” class. The class’s extensions are provided in a number of small packages, some of which may also be used with the standard classes. The ncclatex package also loads many of the packages of, and requires the latest version of the bundle.
- URL: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>  
 PKG-URL: <https://ctan.org/pkg/ncclatex>
- *The nccbbb package. “Poor man’s” blackboard bold.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/nccbbb>
  - *The nccboxes package. Elaborate box commands.* 2018-07-03. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/nccboxes>
  - *The ncccomma package. Use comma as decimal separator in mathematics.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/ncccomma>
  - *The ncccropbox package. Crop-marked boxes.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>  
 PKG-URL: <https://ctan.org/pkg/ncccropbox>
- Rozhenko, Alexander I. *The ncccropmark package. Draw cropmarks on the output page.* 2018-07-03. Version 1.1. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/ncccropmark>
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 PKG-URL: <https://ctan.org/pkg/nccsect>
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 PKG-URL: <https://ctan.org/pkg/esint>
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 PKG-URL: <https://ctan.org/pkg/currfile>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/filehook>  
 PKG-URL: <https://ctan.org/pkg/filehook>
- Scharrer, Martin. *The filemod package. Provide file modification times, and compare them.* 2020-08-27. 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 L<sup>A</sup>T<sub>E</sub>X). It uses the primitive of pdfL<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X compiler which uses pdfL<sup>A</sup>T<sub>E</sub>X in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/filemod>  
 PKG-URL: <https://ctan.org/pkg/filemod>
- *The ginc1tex package. Include TeX files as graphics (.tex support for \includegraphics).* 2020-08-27. Version 0.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>  
 PKG-URL: <https://ctan.org/pkg/ginc1tex>
  - *The gobble package. More gobble macros for PlainTeX and L<sup>A</sup>T<sub>E</sub>X.* 2020-08-27. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/gobble>  
 PKG-URL: <https://ctan.org/pkg/gobble>
  - *The ifoddpge package. Determine if the current page is odd or even.* 2020-08-27. Version 1.1. 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 onside mode where all pages use the odd page layout.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ifoddpge>  
 PKG-URL: <https://ctan.org/pkg/ifoddpge>

- *The lstaddons package. Add-on packages for listings: autogobble and line background.* 2020-08-27. Version 0.1. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lstaddons>  
 PKG-URL: <https://ctan.org/pkg/lstaddons>
- *The macros2e package. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros.* 2020-08-27. 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://mirror.ctan.org/info/macros2e>  
 PKG-URL: <https://ctan.org/pkg/macros2e>
- *The multienv package. Multiple environments using a "key=value" syntax.* 2020-08-27. 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://mirror.ctan.org/macros/latex/contrib/multienv>  
 PKG-URL: <https://ctan.org/pkg/multienv>
- *The mwe package. Packages and image files for MWEs.* 2020-08-27. 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://mirror.ctan.org/macros/latex/contrib/mwe>  
 PKG-URL: <https://ctan.org/pkg/mwe>
- Scharrer, Martin. *The newverbs package. Define new versions of \verb, including short verb versions.* 2021-03-10. Version 1.6. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/newverbs>  
 PKG-URL: <https://ctan.org/pkg/newverbs>
- *The rcs-multi package. Typeset RCS version control in multiple-file documents.* 2020-08-27. Version 0.1a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>  
 PKG-URL: <https://ctan.org/pkg/rcs-multi>
- *The realboxes package. Variants of common box-commands that read their content as real box and not as macro argument.* 2020-08-27. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/realboxes>  
 PKG-URL: <https://ctan.org/pkg/realboxes>
- *The standalone package. Compile TeX pictures stand-alone or as part of a document.* 2020-08-27. Version 1.3a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/standalone>  
 PKG-URL: <https://ctan.org/pkg/standalone>
- *The storebox package. Storing information for reuse.* 2020-08-27. Version 1.3a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/storebox>  
 PKG-URL: <https://ctan.org/pkg/storebox>
- *The sty2dtx package. Create a .dtx file from a .sty file.* 2020-08-27. Version 2.3. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/support/sty2dtx>  
 PKG-URL: <https://ctan.org/pkg/sty2dtx>

- *The svn-multi package. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents.* 2020-08-27. Version 2.4d.  
 LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>  
 PKG-URL: <https://ctan.org/pkg/svn-multi>
- *The svn-prov package. Subversion variants of \Provides... macros.* 2020-08-27. 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://mirror.ctan.org/macros/latex/contrib/svn-prov>  
 PKG-URL: <https://ctan.org/pkg/svn-prov>
- *The texdef package. Display the definitions of TeX commands.* 2020-09-28. Version 1.9. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/support/texdef>  
 PKG-URL: <https://ctan.org/pkg/texdef>
- *The tikz-timing package. Easy generation of timing diagrams as TikZ pictures.* 2020-08-27. 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://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>  
 PKG-URL: <https://ctan.org/pkg/tikz-timing>
- Scharrer, Martin. *The tikzpagenodes package. A single TikZ node for the whole page.* 2020-08-27. 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://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>  
 PKG-URL: <https://ctan.org/pkg/tikzpagenodes>
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 PKG-URL: <https://ctan.org/pkg/ydoc>
- Schaum, Charles P. *The nameauth package. Name authority mechanism for consistency in body text and index.* 2021-02-27. Version 3.6. LICENSE: lppl1.3  
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 URL: <https://mirror.ctan.org/macros/generic/schemata>  
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 PKG-URL: <https://ctan.org/pkg/tikz-trackschematic>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>  
 PKG-URL: <https://ctan.org/pkg/pagefoots>
- Schenk, Christian. *The miktex package. A free TeX distribution for MS-Windows.* 2022-08-04. Version 22.7. LICENSE: other-free

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 PKG-URL: <https://ctan.org/pkg/miktex>
- *The miktex-portable package. A version of MikTeX to carry around.* 2022-08-04. Version 22.7. 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://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-22.7-x64.exe>  
 PKG-URL: <https://ctan.org/pkg/miktex-portable>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>  
 PKG-URL: <https://ctan.org/pkg/chembst>
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 PKG-URL: <https://ctan.org/pkg/knuth-hint>
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 PKG-URL: <https://ctan.org/pkg/gbrieff-creator>
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 PKG-URL: <https://ctan.org/pkg/lexend>

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 PKG-URL: <https://ctan.org/pkg/newthm>
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 PKG-URL: <https://ctan.org/pkg/dos-dc>
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 PKG-URL: <https://ctan.org/pkg/microtype>
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 PKG-URL: <https://ctan.org/pkg/auto1>
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 URL: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/sfg>  
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 URL: <https://mirror.ctan.org/systems/os2/epmtfe>  
 PKG-URL: <https://ctan.org/pkg/epmtfe>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/was>  
 PKG-URL: <https://ctan.org/pkg/icomma>
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 PKG-URL: <https://ctan.org/pkg/mathpple>
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 URL: <https://mirror.ctan.org/info/lshort/german>  
 PKG-URL: <https://ctan.org/pkg/lshort-german>
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 URL: <https://mirror.ctan.org/fonts/augie>  
 PKG-URL: <https://ctan.org/pkg/augie>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>  
 PKG-URL: <https://ctan.org/pkg/ccfonts>
- Schmidt, Walter A. and Keiran Harcombe. *The cmbright package. Computer Modern Bright fonts.* 2021-12-07. Version 8.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/cmbright>  
 PKG-URL: <https://ctan.org/pkg/cmbright>
- *The cmsd package. Interfaces to the CM Sans Serif Bold fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cmsd>  
 PKG-URL: <https://ctan.org/pkg/cmsd>
  - *The DayRoman package. The Day Roman typeface.* 2021-12-07. LICENSE: other-free  
 URL: <https://mirror.ctan.org/fonts/DayRoman>  
 PKG-URL: <https://ctan.org/pkg/dayroman>
  - *The dictsym package. DictSym font and macro package.* 2021-12-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/dictsym>  
 PKG-URL: <https://ctan.org/pkg/dictsym>
  - *The ecc package. Sources for the European Concrete fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/ecc>  
 PKG-URL: <https://ctan.org/pkg/ecc>
  - *The eulervm package. Euler virtual math fonts.* 2021-12-07. 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 TeX 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://mirror.ctan.org/fonts/eulervm>  
 PKG-URL: <https://ctan.org/pkg/eulervm>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/eurosans>  
 PKG-URL: <https://ctan.org/pkg/eurosans>
  - *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992.* 2022-10-07. Version 0.9.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fixmath>  
 PKG-URL: <https://ctan.org/pkg/fixmath>
  - *The gensymb package. Generic symbols for both text and math mode.* 2021-12-07. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/was>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>  
 PKG-URL: <https://ctan.org/pkg/hvmath>
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 URL: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/psfonts/psnfss-source>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>  
 PKG-URL: <https://ctan.org/pkg/tmmath>
  - *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/was>  
 PKG-URL: <https://ctan.org/pkg/upgreek>
  - *The urw-garamond package. URW Garamond No8 Adobe Type 1 fonts.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/fonts/urw/garamond>  
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  - *The w-a-schmidt package. A collection of metrics for commercial fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/psfonts/w-a-schmidt>  
 PKG-URL: <https://ctan.org/pkg/w-a-schmidt>
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PKG-URL: <https://ctan.org/pkg/leaflet>
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URL: <https://mirror.ctan.org/macros/latex/contrib/yfonts>  
PKG-URL: <https://ctan.org/pkg/yfonts>
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PKG-URL: <https://ctan.org/pkg/fix-cm>
- *The helvet package. Load Helvetica, scaled*. 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://mirror.ctan.org/macros/latex/required/psnfss>  
PKG-URL: <https://ctan.org/pkg/helvet>
- Schmidt, Walter A., The LaTeX Project Team, and Sebastian Rahtz. *The pifont package. Access to PostScript standard Symbol and Dingbats fonts*. 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://mirror.ctan.org/macros/latex/required/psnfss>  
PKG-URL: <https://ctan.org/pkg/pifont>
- Schmitt, Peter. *The astro package. Astronomical (planetary) symbols*. 2017-10-29. Version 2.20. LICENSE: lppl  
URL: <https://mirror.ctan.org/fonts/astro>  
PKG-URL: <https://ctan.org/pkg/astro>



- *The backgrnd package. Mark text with grey background or change bar.* 2020-04-11. Version 2.0. LICENSE: noinfo. Marks text, using TeX’s resources only (without resorting to commands). Grey background uses a shade font provided as Metafont source. Works under plain TeX and in simple L<sup>A</sup>T<sub>E</sub>X 2.09 documents, but probably not in L<sup>A</sup>T<sub>E</sub>X 2e.  
 URL: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>  
 PKG-URL: <https://ctan.org/pkg/backgrnd>
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 PKG-URL: <https://ctan.org/pkg/mahjong>
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 PKG-URL: <https://ctan.org/pkg/context-taspresent>
- Schmitz, Thomas A. *The vf-howto package. Tutorial on creating virtual fonts.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/virtualfontshowto>  
 PKG-URL: <https://ctan.org/pkg/vf-howto>
- Schmitz, Thomas A. and Mojca Miklavac. *The gentium-original package. Gentium font and support files.* 2022-05-26. LICENSE: ofl  
 URL: <https://mirror.ctan.org/obsolete/fonts/gentium>  
 PKG-URL: <https://ctan.org/pkg/gentium-original>
- Schneider, Christian. *The combinedgraphics package. Include graphic (EPS or PDF)/LaTeX combinations.* 2016-06-24. Version 0.2.2. LICENSE: gpl. This package provides a macro `\includegraphics` for the inclusion of combined EPS/LaTeX and PDF/LaTeX graphics (an export format of `dvips`, `pdftex`, and maybe other programs). Instead of including the graphics with a simple `\includegraphics`, the macro has some comforts:  
 URL: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>  
 PKG-URL: <https://ctan.org/pkg/combinedgraphics>
- *The fullminipage package. Minipage spanning a complete page.* 2016-06-24. Version 0.1.1. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>  
 PKG-URL: <https://ctan.org/pkg/fullminipage>
- *The ionumbers package. Restyle numbers in maths mode.* 2018-01-06. Version 0.3.3. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>  
 PKG-URL: <https://ctan.org/pkg/ionumbers>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/semesterplanner>  
 PKG-URL: <https://ctan.org/pkg/semesterplanner>
- Schneider, Robin. *The calcage package. Calculate the age of something, in years.* 2017-04-18. Version 0.90. LICENSE: lppl1.3. The package calculates the age of someone or something in years. Internally it uses

- the package to calculate the age in days; conversion from days to years is then performed, taking care of leap years and such odd things.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/calcage>  
 PKG-URL: <https://ctan.org/pkg/calcage>
- *The counttexruns package. Count compilations of a document.* 2016-06-24. Version 1.00a. LICENSE: lppl1.3. The package counts how often a L<sup>A</sup>T<sub>E</sub>X document is compiled, keeping the data in an external file. To print the count, can use the macro .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>  
 PKG-URL: <https://ctan.org/pkg/counttexruns>
  - *The doclicense package. Support for putting documents under a license.* 2022-05-18. Version 3.2.0. LICENSE: cc0,lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/doclicense>  
 PKG-URL: <https://ctan.org/pkg/doclicense>
  - *The fnumprint package. Print a number in ‘appropriate’ format.* 2017-04-18. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fnumprint>  
 PKG-URL: <https://ctan.org/pkg/fnumprint>
- Schneider, Robin. *The latex-git-log package. Typeset git log information.* 2020-02-27. Version 1.0.0. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/latex-git-log>  
 PKG-URL: <https://ctan.org/pkg/latex-git-log>
- *The romanbarpagenumber package. Typesetting roman page numbers.* 2017-04-18. Version 1.0. LICENSE: lppl1.3. The package allows to typeset roman numbers with bars. This package allows you to use those roman numbers as page number.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/romanbarpagenumber>  
 PKG-URL: <https://ctan.org/pkg/romanbarpagenumber>
- Schneider, Sven. *The dotarrow package. Extendable dotted arrows.* 2016-06-24. Version 0.01a. LICENSE: lppl. The package can draw dotted arrows that are extendable, in the same way as .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>  
 PKG-URL: <https://ctan.org/pkg/dotarrow>
- Schneider, Thomas. *The cell package. Bibliography style for Cell.* 2016-06-24. LICENSE: pd. This is an “apa-like” style (cf. in the distribution), developed from the same author’s style. A supporting L<sup>A</sup>T<sub>E</sub>X package is also provided.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cell>  
 PKG-URL: <https://ctan.org/pkg/cell>
- *The jbact package. BibTeX style for biology journals.* 2019-11-12. Version 1.30. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jbact.bst>  
 PKG-URL: <https://ctan.org/pkg/jbact>
  - *The jmb package. BibTeX style for the Journal of Theoretical Biology.* 2019-11-12. Version 1.21. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/jmb>  
 PKG-URL: <https://ctan.org/pkg/jmb>
  - *The nar package. BibTeX style for Nucleic Acid Research.* 2016-06-24. Version 3.19. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>  
 PKG-URL: <https://ctan.org/pkg/nar>
- Schollmeyer, Michael. *The fchart package. Flow diagrams in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. Version 2.0. LICENSE: noinfo. This is not a package, rather a set of macros to be read using , offering a means of drawing

- structures without the use of the environment.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/fchart>  
 PKG-URL: <https://ctan.org/pkg/fchart>
- Schöpf, Rainer. *The histogr package. Draw histograms with the L<sup>A</sup>T<sub>E</sub>X picture environment*. 2016-06-24. Version 1.01. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/histogr>  
 PKG-URL: <https://ctan.org/pkg/histogr>
- *The underlin package. Underlined running heads*. 2016-06-24. Version 1.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/underlin>  
 PKG-URL: <https://ctan.org/pkg/underlin>
- Schöpf, Rainer and The LaTeX Project Team. *The verbatim package. Reimplementation of and extensions to L<sup>A</sup>T<sub>E</sub>X verbatim*. 2021-06-01. Version 1.5u. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/required/tools>  
 PKG-URL: <https://ctan.org/pkg/verbatim>
- Schreiber, Kai. *The BiBLE package. A BibTeX library editor*. 2016-06-24. Version 0.99. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/bible>  
 PKG-URL: <https://ctan.org/pkg/bible>
- Schrell, Andreas. *The kalender-209 package. Produce page-per-day calendars*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/kalender.tex>  
 PKG-URL: <https://ctan.org/pkg/kalender-209>
- *The pictexwd package. A patched version of PicTeX using fewer registers*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 PKG-URL: <https://ctan.org/pkg/pictexwd>
- *The wochtag package. Generate the German weekday name for a date*. 2016-06-24. Version 1.0. LICENSE: noinfo. Defines a macro that produces a day name, in German.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>  
 PKG-URL: <https://ctan.org/pkg/wochtag>
- *The yinit-as package. Additions to Yannis Haralambous' Old German decorative initials*. 2019-02-01. LICENSE: noinfo. This package contains a modified driver file, , as well as a L<sup>A</sup>T<sub>E</sub>X file .  
 URL: <https://mirror.ctan.org/obsolete/fonts/gothic/yinit-as>  
 PKG-URL: <https://ctan.org/pkg/yinit-as>
- Schrell, Andreas and Andreas Hörstmeier. *The umrand package. Package for fancy box frames*. 2019-06-21. Version 1.2. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/macros/generic/umrand>  
 PKG-URL: <https://ctan.org/pkg/umrand>
- Schrod, Joachim. *The biblist package. Print a BibTeX database*. 2016-06-24. LICENSE: gpl. The package provides the means of listing an entire BibTeX database, avoiding the potentially large (macro) impact associated with .  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/biblist>  
 PKG-URL: <https://ctan.org/pkg/biblist>
- *The chbar package. Change bar marks in Plain TeX*. 2016-06-24. LICENSE: gpl. This package creates change bars without the use of \special commands (unlike the L<sup>A</sup>T<sub>E</sub>X package ).  
 URL: <https://mirror.ctan.org/macros/plain/contrib/chbar>  
 PKG-URL: <https://ctan.org/pkg/chbar>

- *The components package. Components of TeX.* 2022-05-01. LICENSE: gpl  
 URL: <https://mirror.ctan.org/info/components-of-TeX>  
 PKG-URL: <https://ctan.org/pkg/components>
- *The cweb-latex package. A L<sup>A</sup>T<sub>E</sub>X version of CWEB.* 2019-11-30. LICENSE: gpl. This bundle allows marking-up of code in L<sup>A</sup>T<sub>E</sub>X. The distribution includes the “Counting Words” program distributed with CWEB, edited to run with L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cweb>  
 PKG-URL: <https://ctan.org/pkg/cweb-latex>
- *The example package. Typeset examples for TeX courses.* 2019-06-21. LICENSE: gpl. The package makes it easier to produce examples for TeX course. It provides an environment, which typesets its contents on the left of the page, and prints it verbatim on the right.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/example.sty>  
 PKG-URL: <https://ctan.org/pkg/example>
- *The footnpag package. Per-page numbering of footnotes.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/footnpag>  
 PKG-URL: <https://ctan.org/pkg/footnpag>
- Schrod, Joachim. *The genfam package. Run Metafont to produce the bitmap fonts.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/genfam>  
 PKG-URL: <https://ctan.org/pkg/genfam>
- *The idverb package. Inline verbatim identifiers.* 2016-06-24. Version 1.1. LICENSE: gpl. Typeset identifiers (and other short things) verbatim, using the notation. This package is part of the bundle.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/js-misc>  
 PKG-URL: <https://ctan.org/pkg/idverb>
- *The js-misc package. Miscellaneous macros from Joachim Schrod.* 2016-07-17. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/plain/contrib/js-misc>  
 PKG-URL: <https://ctan.org/pkg/js-misc>
- *The literate package. A literate programming system, not tied to any language.* 2016-06-24. LICENSE: pd. The system consists of two parts: a processor, `literate`, which extracts program code from a literate source file, and a set of macros that will typeset the source file (possibly after application, by `literate`, of a change file). is distributed as a web source file.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/literate>  
 PKG-URL: <https://ctan.org/pkg/literate>
- *The makeprog package. A literate system for TeX programming.* 2016-06-24. Version 1.0.1. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/makeprog>  
 PKG-URL: <https://ctan.org/pkg/makeprog>
- Schrod, Joachim and Julian Gilbey. *The rcs package. Use RCS (revision control system) tags in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rcs>  
 PKG-URL: <https://ctan.org/pkg/rcs>
- Schröder, Jenny and Sebastian Schwerdtfeger. *The microtype-de package. Translation into German of the documentation of microtype.* 2019-11-19. Version 2.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/obsolete/info/translations/microtype/de>  
 PKG-URL: <https://ctan.org/pkg/microtype-de>
- Schröder, Jörg-Michael. *The datenumber package. Convert a date into a number and vice versa.* 2022-01-27. Version 0.03. LICENSE: lppl1.2

- URL: <https://mirror.ctan.org/macros/latex/contrib/datenumber>  
 PKG-URL: <https://ctan.org/pkg/datenumber>
- Schröder, Martin. *The bibtopicprefix package. Prefix references to bibliographies produced by bibtopic*. 2019-07-30. Version 1.10. LICENSE: lppl. The package permits users to apply prefixes (fixed strings) to references to entries in bibliographies produced by the package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bibtopicprefix>  
 PKG-URL: <https://ctan.org/pkg/bibtopicprefix>
- Schröder, Martin and Marei Peischl. *The count1to package. Make use of count1 to count9*. 2020-11-24. Version 2.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ms>  
 PKG-URL: <https://ctan.org/pkg/count1to>
- *The everysel package. Provides hooks into \selectfont*. 2021-01-23. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/everysel>  
 PKG-URL: <https://ctan.org/pkg/everysel>
  - *The everyshi package. Take action at every \shipout*. 2020-12-06. Version 4.00. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/everyshi>  
 PKG-URL: <https://ctan.org/pkg/everyshi>
- Schröder, Martin and Marei Peischl. *The ms package. Various L<sup>A</sup>T<sub>E</sub>X packages by Martin Schröder*. 2021-01-19. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ms>  
 PKG-URL: <https://ctan.org/pkg/ms>
- *The multitoc package. Set table of contents in multiple columns*. 2020-11-24. Version 2.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ms>  
 PKG-URL: <https://ctan.org/pkg/multitoc>
  - *The prelim2e package. Allows the marking of preliminary versions of a document*. 2020-12-06. Version 2.00. LICENSE: lppl1.3c. Puts text below the normal page content (the default text marks the document as draft and puts a timestamp on it). Can be used together with e.g. the , and packages. Uses the package and can use the scrttime package from the bundle.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/prelim2e>  
 PKG-URL: <https://ctan.org/pkg/prelim2e>
  - *The ragged2e package. Alternative versions of “ragged”-type commands*. 2021-12-15. Version 3.1. LICENSE: lppl1.3c. The package defines new commands , , and and new environments , , and , which set ragged text and are easily configurable to allow hyphenation (the corresponding commands in L<sup>A</sup>T<sub>E</sub>X, all of whose names are lower-case, prevent hyphenation altogether).  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ragged2e>  
 PKG-URL: <https://ctan.org/pkg/ragged2e>
- Schroeder, Thomas. *The chemarrow package. Arrows for use in chemistry*. 2016-06-24. Version 0.9. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/chemarrow>  
 PKG-URL: <https://ctan.org/pkg/chemarrow>
- Schröppel, Christian. *The forarray package. Using array structures in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides functionality for processing lists and array structures in . Arrays can contain characters as well as TeX and L<sup>A</sup>T<sub>E</sub>X commands, nesting of arrays is possible, and arrays are processed within the same brace level as their surrounding environment. Array levels can be delimited by characters or control sequences defined by the user. Practical uses of this package include data management, construction of lists and tables, and calculations based on the contents of lists and arrays.

URL: <https://mirror.ctan.org/macros/latex/contrib/forarray>  
 PKG-URL: <https://ctan.org/pkg/forarray>

Schubert, Sebastian. *The mdsymbol package. Symbol fonts to match Adobe Myriad Pro*. 2016-06-24. Version 0.5.  
 LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/mdsymbol>  
 PKG-URL: <https://ctan.org/pkg/mdsymbol>

Schubotz, Moritz. *The texvc package. Use MediaWiki L<sup>A</sup>T<sub>E</sub>X commands*. 2018-03-05. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/texvc>  
 PKG-URL: <https://ctan.org/pkg/texvc>

Schuldner, Marc and Thomas Hanke. *The hamnosys package. A font for sign languages*. 2022-02-08. Version 1.0.3.  
 LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/fonts/hamnosys>  
 PKG-URL: <https://ctan.org/pkg/hamnosys>

Schuler, J. Peter M. *The udesoftec package. Thesis class for the University of Duisburg-Essen*. 2021-02-23.  
 Version 1.7.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/udesoftec>  
 PKG-URL: <https://ctan.org/pkg/udesoftec>

Schüler, Christian. *The SmileTeX package. Create L<sup>A</sup>T<sub>E</sub>X documents and more from simple texts*. 2016-06-24.  
 LICENSE: nosource  
 URL: <https://mirror.ctan.org/support/smiletex>  
 PKG-URL: <https://ctan.org/pkg/smiletex>

Schultze, Wolfgang. *The wmf2eps package. Windows metafile conversion*. 2016-06-24. Version 1.32. LICENSE: shareware  
 URL: <https://mirror.ctan.org/support/wmf2eps>  
 PKG-URL: <https://ctan.org/pkg/wmf2eps>

Schulz, Herbert. *The courier scaled package. Provides a scaled Courier font*. 2016-06-24. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/fonts/psfonts/courier-scaled>  
 PKG-URL: <https://ctan.org/pkg/courier-scaled>

Schulz, Stefan. *The chemcono package. Support for compound numbers in chemistry documents*. 2016-06-24.  
 Version 1.3. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package for using compound numbers in chemistry documents. It works like and the , using and instead. It allows compound names in documents to be numbered and does not affect the normal citation routines.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/chemcono>  
 PKG-URL: <https://ctan.org/pkg/chemcono>

Schulzrinne, Henning. *The 12x package. LaTeX to ASCII*. 2016-06-24. Version 1.4. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/support/12x>  
 PKG-URL: <https://ctan.org/pkg/12x>

Schurig, Carsten, Tobias Schlemmer, and Baden Hughes. *The pdfcprot package. Activating and setting of character protruding using pdfLaTeX*. 2016-06-24. Version 1.7a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfcprot>  
 PKG-URL: <https://ctan.org/pkg/pdfcprot>

Schuster, Wolfgang. *The context-account package. A simple accounting package*. 2018-01-06. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-account>  
 PKG-URL: <https://ctan.org/pkg/context-account>

- *The context-algorithmic package. Algorithm handling in ConTeXt.* 2016-06-24. LICENSE: gpl. Support for typesetting algorithms (a port of the L<sup>A</sup>T<sub>E</sub>X package , which was a predecessor of ).  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-algorithmic>  
 PKG-URL: <https://ctan.org/pkg/context-algorithmic>
- *The context-animation package. Generate fieldstack based animation with ConTeXt.* 2018-08-11. LICENSE: gpl3. The package is a port, to (mkvi), of the corresponding  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-animation>  
 PKG-URL: <https://ctan.org/pkg/context-animation>
- *The context-annotation package. Annotate text blocks.* 2018-08-11. LICENSE: gpl. The module lets you create your own commands and environments to mark text blocks.  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-annotation>  
 PKG-URL: <https://ctan.org/pkg/context-annotation>
- *The context-fancybreak package. Overfull pages with ConTeXt.* 2018-08-11. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-fancybreak>  
 PKG-URL: <https://ctan.org/pkg/context-fancybreak>
- *The context-fixme package. Make editorial marks on a document.* 2016-10-22. LICENSE: pd  
 URL: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-fixme>  
 PKG-URL: <https://ctan.org/pkg/context-fixme>
- Schuster, Wolfgang. *The context-fullpage package. Overfull pages with ConTeXt.* 2018-08-11. LICENSE: gpl. The (ConTeXt) module copies the functionality of the , and adds a styling parameter, given in the command  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-fullpage>  
 PKG-URL: <https://ctan.org/pkg/context-fullpage>
- *The context-letter package. ConTeXt package for writing letters.* 2021-10-17. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/context/contrib/context-letter>  
 PKG-URL: <https://ctan.org/pkg/context-letter>
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- fonts, as well as L<sup>A</sup>T<sub>E</sub>X support files.  
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 PKG-URL: <https://ctan.org/pkg/baskervaldx>
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 URL: <https://mirror.ctan.org/fonts/baskervillef>  
 PKG-URL: <https://ctan.org/pkg/baskervillef>
  - *The bboldx package. Extension of the bbold package with a Blackboard Bold alphabet.* 2021-11-01. Version 1.031. 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://mirror.ctan.org/fonts/bboldx>  
 PKG-URL: <https://ctan.org/pkg/bboldx>
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 URL: <https://mirror.ctan.org/fonts/dsserif>  
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  - *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/dutchcal>  
 PKG-URL: <https://ctan.org/pkg/dutchcal>
  - *The erewhon package. Font package derived from Heuristica and Utopia.* 2022-05-16. Version 1.12. 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://mirror.ctan.org/fonts/erewhon>  
 PKG-URL: <https://ctan.org/pkg/erewhon>

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 URL: <https://mirror.ctan.org/fonts/esstix>  
 PKG-URL: <https://ctan.org/pkg/esstix>
- *The ETbb package. An expansion of Edward Tufte’s ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
 URL: <https://mirror.ctan.org/fonts/etbb>  
 PKG-URL: <https://ctan.org/pkg/etbb>
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 URL: <https://mirror.ctan.org/fonts/garamondx>  
 PKG-URL: <https://ctan.org/pkg/garamondx>
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 PKG-URL: <https://ctan.org/pkg/heuristica>
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 URL: <https://mirror.ctan.org/fonts/libertinegc>  
 PKG-URL: <https://ctan.org/pkg/libertinegc>
- Sharpe, Michael. *The LibertinusT1Math package. A Type 1 font and L<sup>A</sup>T<sub>E</sub>X support for Libertinus Math.* 2022-01-26. Version 2.0.2. LICENSE: ofl,lppl  
 URL: <https://mirror.ctan.org/fonts/libertinust1math>  
 PKG-URL: <https://ctan.org/pkg/libertinust1math>
- *The mathalpha package. General package for loading maths alphabets in L<sup>A</sup>T<sub>E</sub>X.* 2021-11-18. Version 1.143. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>  
 PKG-URL: <https://ctan.org/pkg/mathalpha>
- *The minion2newtx package. Enable use of Minion Pro with newtx.* 2020-05-03. Version 2.0. LICENSE: lppl1.3. 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://mirror.ctan.org/fonts/minion2newtx>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/montserrat>  
 PKG-URL: <https://ctan.org/pkg/montserrat>
- *The newpx package. Alternative uses of the PX fonts, with improved metrics.* 2022-01-30. Version 1.505. LICENSE: lppl,ofl  
 URL: <https://mirror.ctan.org/fonts/newpx>  
 PKG-URL: <https://ctan.org/pkg/newpx>

- *The newtx package. Alternative uses of the TX fonts, with improved metrics.* 2022-03-03. Version 1.71. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/newtx>  
 PKG-URL: <https://ctan.org/pkg/newtx>
- *The newtxsf package. Sans-math fonts for use with newtx.* 2021-05-16. Version 1.054. LICENSE: ofl. 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://mirror.ctan.org/fonts/newtxsf>  
 PKG-URL: <https://ctan.org/pkg/newtxsf>
- *The newtxtt package. Enhancement of typewriter fonts from newtx.* 2020-02-16. Version 1.056. LICENSE: gpl3,lppl  
 URL: <https://mirror.ctan.org/fonts/newtxtt>  
 PKG-URL: <https://ctan.org/pkg/newtxtt>
- *The nimbus15 package. Support files for Nimbus 2015 Core fonts.* 2021-04-07. Version 1.014. LICENSE: other-free,lppl1.3  
 URL: <https://mirror.ctan.org/fonts/nimbus15>  
 PKG-URL: <https://ctan.org/pkg/nimbus15>
- *The notomath package. Math support for Noto fonts.* 2021-03-25. Version 1.02. LICENSE: ofl,lppl1.3. Math support via for Google's . (Regular and Bold weights only.)  
 URL: <https://mirror.ctan.org/fonts/notomath>  
 PKG-URL: <https://ctan.org/pkg/notomath>
- *The pst-bspline package. Draw cubic Bspline curves and interpolations.* 2016-06-24. Version 1.62. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>  
 PKG-URL: <https://ctan.org/pkg/pst-bspline>
- Sharpe, Michael. *The pst-layout package. Page layout macros based on PSTricks packages.* 2018-09-15. Version .95. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>  
 PKG-URL: <https://ctan.org/pkg/pst-layout>
- *The pstdoc package. A tool for PSTricks documentation.* 2018-09-15. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/pstdoc>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/ptmsc>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/ptxalfa>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/rsfso>  
 PKG-URL: <https://ctan.org/pkg/rsfso>
- *The scanpages package. Support importing and embellishing scanned documents.* 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/scanpages>  
 PKG-URL: <https://ctan.org/pkg/scanpages>
  - *The ScholaX package. Extension of TeXGyreSchola (New Century Schoolbook) with math support.* 2022-02-01. Version 1.033. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/scholax>  
 PKG-URL: <https://ctan.org/pkg/scholax>
  - *The SticksToo package. A reworking of STIX2.* 2021-10-18. Version 1.035. 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://mirror.ctan.org/fonts/stickstoo>  
 PKG-URL: <https://ctan.org/pkg/stickstoo>
  - *The superiors package. Attach superior figures to a font family.* 2019-08-19. Version 1.06. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/superiors>  
 PKG-URL: <https://ctan.org/pkg/superiors>
  - *The tempora package. Greek and Cyrillic to accompany Times.* 2016-06-24. Version 1.05. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/fonts/tempora>  
 PKG-URL: <https://ctan.org/pkg/tempora>
- Sharpe, Michael. *The TXUprCal package. Upright calligraphic font based on TX calligraphic.* 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an uprighted version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
 URL: <https://mirror.ctan.org/fonts/txuprcal>  
 PKG-URL: <https://ctan.org/pkg/txuprcal>
- *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet.* 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/urwchancal>  
 PKG-URL: <https://ctan.org/pkg/urwchancal>
  - *The XCharter package. Extension of Bitstream Charter fonts.* 2022-04-17. Version 1.24. LICENSE: other-free,lppl1.3  
 URL: <https://mirror.ctan.org/fonts/xcharter>  
 PKG-URL: <https://ctan.org/pkg/xcharter>
  - *The zlmitt package. Use Latin Modern Typewriter fonts.* 2022-08-08. Version 1.032. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/zlmitt>  
 PKG-URL: <https://ctan.org/pkg/zlmitt>
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 URL: <https://mirror.ctan.org/macros/generic/arrayjobx>  
 PKG-URL: <https://ctan.org/pkg/arrayjob>
- *The arrayjobx package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/generic/arrayjobx>  
 PKG-URL: <https://ctan.org/pkg/arrayjobx>



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 URL: <https://mirror.ctan.org/macros/xetex/latex/armymemo>  
 PKG-URL: <https://ctan.org/pkg/armymemo>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/russ>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/fullpict>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/IEEEtran>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>  
 PKG-URL: <https://ctan.org/pkg/ieeetrantools>
- Shell, Michael. *The mciteplus package. Enhanced multiple citations*. 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/mciteplus>  
 PKG-URL: <https://ctan.org/pkg/mciteplus>
- *The testflow package. A tool to validate PS/PDF output from L<sup>A</sup>T<sub>E</sub>X*. 2021-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>  
 PKG-URL: <https://ctan.org/pkg/testflow>
- Shepherd, James. *The jasthesis package. A ‘standard’ thesis class*. 2016-06-24. Version 0.5. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jasthesis>  
 PKG-URL: <https://ctan.org/pkg/jasthesis>
- Sherman, Heather. *The envelope package. Print envelopes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/envelope>  
 PKG-URL: <https://ctan.org/pkg/envelope>
- Shibakov, Alexander. *The splint package. Write LALR(1) parsers in TeX using bison and flex*. 2020-10-11. Version 1.1.0. 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://mirror.ctan.org/support/splint>  
 PKG-URL: <https://ctan.org/pkg/splint>

- Shigeru, Miyata. *The xetex-pstricks package. Running PSTricks under XeTeX*. 2018-09-15. LICENSE: pd  
 URL: <https://mirror.ctan.org/graphics/xetex/pstricks>  
 PKG-URL: <https://ctan.org/pkg/xetex-pstricks>
- Shipunov, Alexey. *The altverse package. Typesetting verse*. 2019-10-07. Version 0.3. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/altverse.sty>  
 PKG-URL: <https://ctan.org/pkg/altverse>
- *The autolist package. More lists*. 2019-10-07. Version 0.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/autolist.sty>  
 PKG-URL: <https://ctan.org/pkg/autolist>
  - *The biokey package. Flexible identification key tables in L<sup>A</sup>T<sub>E</sub>X*. 2019-10-07. Version 3.11. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov>  
 PKG-URL: <https://ctan.org/pkg/biokey>
  - *The biolist package. List observed species*. 2019-10-07. Version 0.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/biolist.sty>  
 PKG-URL: <https://ctan.org/pkg/biolist>
  - *The boldline package. Heavier lines in tables*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/boldline.sty>  
 PKG-URL: <https://ctan.org/pkg/boldline>
  - *The cassette-shipunov package. Print labels for audio cassettes*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/cassete.cls>  
 PKG-URL: <https://ctan.org/pkg/cassette-shipunov>
- Shipunov, Alexey. *The classif2 package. Biological classification tables*. 2019-10-09. Version 2.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/classif2.sty>  
 PKG-URL: <https://ctan.org/pkg/classif2>
- *The drcaps package. Simple dropped capitals*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/drcaps.sty>  
 PKG-URL: <https://ctan.org/pkg/drcaps>
  - *The shipunov package. A collection of L<sup>A</sup>T<sub>E</sub>X packages and classes*. 2019-10-08. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov>  
 PKG-URL: <https://ctan.org/pkg/shipunov>
  - *The sltables package. Simplified tables for L<sup>A</sup>T<sub>E</sub>X*. 2019-10-07. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/shipunov>  
 PKG-URL: <https://ctan.org/pkg/sltables>
  - *The xecyr package. Using Cyrillic languages in XeTeX*. 2019-10-07. Version 1.2. LICENSE: lppl1.3. Helper tools for using Cyrillic languages with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and .  
 URL: <https://mirror.ctan.org/macros/xetex/latex/xecyr>  
 PKG-URL: <https://ctan.org/pkg/xecyr>
- Shizuya, Hakuta. *The lisp-on-tex package. Execute LISP code in a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 2.0. LICENSE: bsd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lisp-on-tex>  
 PKG-URL: <https://ctan.org/pkg/lisp-on-tex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ryersonsgsthesis>  
 PKG-URL: <https://ctan.org/pkg/ryersonsgsthesis>

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 URL: <https://mirror.ctan.org/language/georgian>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/babel-contrib/georgian>  
 PKG-URL: <https://ctan.org/pkg/babel-georgian>
- Shoulson, Mark. *The vispeech package. Using Bell's Visible Speech alphabet*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/vispeech>  
 PKG-URL: <https://ctan.org/pkg/vispeech>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-cv>  
 PKG-URL: <https://ctan.org/pkg/biblatex-cv>
- Shuval, 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://mirror.ctan.org/macros/xetex/latex/technion-thesis-template>  
 PKG-URL: <https://ctan.org/pkg/technion-thesis-template>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cmpj>  
 PKG-URL: <https://ctan.org/pkg/cmpj>
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 URL: <https://mirror.ctan.org/language/hyphenation/ukrhyph>  
 PKG-URL: <https://ctan.org/pkg/ukrhyph>
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 URL: <https://mirror.ctan.org/support/orderer>  
 PKG-URL: <https://ctan.org/pkg/orderer>
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 URL: <https://mirror.ctan.org/language/ascii-cyrillic>  
 PKG-URL: <https://ctan.org/pkg/ascii-cyrillic>
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 URL: <https://mirror.ctan.org/macros/generic/boxedart4mac>  
 PKG-URL: <https://ctan.org/pkg/boxedart4mac>
  - *The boxedeps package. Incorporate EPS files into TeX documents*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/boxedeps>  
 PKG-URL: <https://ctan.org/pkg/boxedeps>

- *The BSR2dvi package. Convert a TeXtures working file to DVI.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/dviware/BSR2dvi>  
 PKG-URL: <https://ctan.org/pkg/bsr2dvi>
  - *The caesarcm package. Hyphenation of inflected languages, using CM fonts.* 2016-06-24. Version 2. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/caesarcm>  
 PKG-URL: <https://ctan.org/pkg/caesarcm>
  - *The labelfig package. Label L<sup>A</sup>T<sub>E</sub>X 2.09 figures included in documents.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/labelfig>  
 PKG-URL: <https://ctan.org/pkg/labelfig>
  - *The occam package. Strip unnecessary macros from a file.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/occam>  
 PKG-URL: <https://ctan.org/pkg/occam>
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 URL: <https://mirror.ctan.org/macros/generic/misc/ragged.sty>  
 PKG-URL: <https://ctan.org/pkg/ragged>
- Siefken, Jason. *The jobname-suffix package. Compile differently based on the filename.* 2021-09-11. Version 1.0. LICENSE: lpl1.3. This package allows to compile a document differently depending on the portion of the document's file name (internally, the ) that comes after the first “-” character. This allows one to have one source file and multiple links to this source file that each compile differently.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jobname-suffix>  
 PKG-URL: <https://ctan.org/pkg/jobname-suffix>
- Siefkes, Christian. *The hcbundle package. Replacement for the L<sup>A</sup>T<sub>E</sub>X classes.* 2016-06-24. LICENSE: other-free. A set of replacements for the default L<sup>A</sup>T<sub>E</sub>X classes, based upon the bundle and the seminar class. Includes , , and .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hc>  
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- Siegel, Dominik. *The chemschemex package. Typeset and cross-reference chemical schemes based on TikZ code.* 2018-02-23. Version 1.2. LICENSE: lpl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/chemschemex>  
 PKG-URL: <https://ctan.org/pkg/chemschemex>
- *The fancylabel package. Complex labelling with L<sup>A</sup>T<sub>E</sub>X.* 2018-02-23. Version 1.1. LICENSE: lpl1.2. The package provides a complex labelling scheme. It is designed to support the needs of the author's package  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fancylabel>  
 PKG-URL: <https://ctan.org/pkg/fancylabel>
- Siegert, Hans-Jurgen. *The latexdraw package. CAD oriented drawing program.* 2018-09-15. Version 15.29. LICENSE: nocommercial. An X-Windows based CAD orientated drawing program which generates L<sup>A</sup>T<sub>E</sub>X output using latexdraw.sty, based on . The picture may be generated as complete L<sup>A</sup>T<sub>E</sub>X-source or as a picture-environment to be included in other documents. You must translate the dvi-file generated by L<sup>A</sup>T<sub>E</sub>X to a PostScript-file using dvips before you can view or print the document.  
 URL: <https://mirror.ctan.org/support/latexdraw>  
 PKG-URL: <https://ctan.org/pkg/latexdraw>
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 PKG-URL: <https://ctan.org/pkg/hausarbeit-jura>
- *The lni package. Official class for the “Lecture Notes in Informatics”.* 2021-03-02. Version 1.7. LICENSE: lppl1.3c  
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 PKG-URL: <https://ctan.org/pkg/lni>
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 PKG-URL: <https://ctan.org/pkg/beilstein>
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  - *The newfloat package. Define new floating environments*. 2019-11-27. Version 1.1l. LICENSE: lppl1.3. The package offers the command `\newfloat`, which the user may use to define new floating environments which behave like the L<sup>A</sup>T<sub>E</sub>X standard floating environments and `\caption`.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/newfloat>  
 PKG-URL: <https://ctan.org/pkg/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 sidewaysstable) 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://mirror.ctan.org/macros/latex/contrib/rotfloat>  
 PKG-URL: <https://ctan.org/pkg/rotfloat>
- Sommerfeldt, Axel. *The rplain package. Redefines the plain pagestyle*. 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>  
 PKG-URL: <https://ctan.org/pkg/rplain>
- *The subcaption package. Support for sub-captions*. 2022-02-28. Version 1.5. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/caption>  
 PKG-URL: <https://ctan.org/pkg/subcaption>
  - *The totalcount package. Commands for typesetting total values of counters*. 2020-09-07. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/totalcount>  
 PKG-URL: <https://ctan.org/pkg/totalcount>
  - *The umlaute package. German input encodings in L<sup>A</sup>T<sub>E</sub>X*. 2018-01-06. Version 2.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/umlaute>  
 PKG-URL: <https://ctan.org/pkg/umlaute>
- Sousa, Philippe De. *The ticollege package. Graphical representation of keys on a standard scientific calculator*. 2016-06-24. Version 1.0. LICENSE: lppl

- URL: <https://mirror.ctan.org/graphics/pgf/contrib/ticollege>  
 PKG-URL: <https://ctan.org/pkg/ticollege>
- *The tipfr package. Produces calculator’s keys with the help of TikZ.* 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tipfr>  
 PKG-URL: <https://ctan.org/pkg/tipfr>
- Souza Bastos, Fernando de. *The figchild package. Pictures for creating children’s activities.* 2022-03-23. Version 2.1.1. LICENSE: lppl1.3c. This package was created with the aim of facilitating the work of Elementary School teachers who need to create colorful and attractive activities for their students. It is a product of the Computational Mathematics discipline offered at the Federal University of Viçosa – Campus UFV – Florestal by professor Fernando de Souza Bastos. It makes use of the and packages.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/figchild>  
 PKG-URL: <https://ctan.org/pkg/figchild>
- Sowa, Friedhelm. *The picinpar package. Insert pictures into paragraphs.* 2021-01-03. Version 1.2a. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/picinpar>  
 PKG-URL: <https://ctan.org/pkg/picinpar>
- Sowa, Friedhelm and Dave Gillespie. *The bm2font package. Convert bitmaps to PK fonts.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/bm2font>  
 PKG-URL: <https://ctan.org/pkg/bm2font>
- Sozuer, Sami. *The noprot package. Avoid the need for protection.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/noprot.sty>  
 PKG-URL: <https://ctan.org/pkg/noprot>
- Spalek, Robert. *The mf2tex package. Add labels into drawings created with Metafont.* 2016-06-24. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/mf2tex>  
 PKG-URL: <https://ctan.org/pkg/mf2tex>
- Sparapani, Rodney. *The statex package. Statistics style.* 2016-06-24. Version 1.6. LICENSE: lppl. A package defining many macros for items of significance in statistical presentations. An updated, but incompatible, version of the package is available: .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/statex>  
 PKG-URL: <https://ctan.org/pkg/statex>
- *The statex2 package. Statistics style.* 2016-06-24. Version 2.1. LICENSE: lppl. The package defines many macros for items of significance in statistical presentations. It represents a syntax-incompatible upgrade of .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/statex2>  
 PKG-URL: <https://ctan.org/pkg/statex2>
- Spencer, Stephen N. and Young Ryu. *The newapa package. Another APA citation mechanism.* 2019-12-27. Version 2.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/newapa>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-fiwi>  
 PKG-URL: <https://ctan.org/pkg/biblatex-fiwi>
- 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://mirror.ctan.org/macros/plain/contrib/plipsum>  
 PKG-URL: <https://ctan.org/pkg/plipsum>
- Spinellis, Diomidis and David Hull. *The bib2xhtml package. Convert BibTeX Files into XHTML*. 2016-06-24. Version 2.35. LICENSE: gpl  
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bib2xhtml>  
 PKG-URL: <https://ctan.org/pkg/bib2xhtml>
- Spit, Werenfried. *The cursor package. Draw a cursor in an equation*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cursor>  
 PKG-URL: <https://ctan.org/pkg/cursor>
- Spittank, Daniel. *The utfsym package. Provides various Unicode symbols*. 2022-04-19. Version 0.9.0. LICENSE: cc0  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/utfsym>  
 PKG-URL: <https://ctan.org/pkg/utfsym>
- Spitzmüller, Jürgen. *The biblatex-publist package. BibLaTeX bibliography support for publication lists*. 2022-10-03. Version 1.27. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-publist>  
 PKG-URL: <https://ctan.org/pkg/biblatex-publist>
- *The jslectureplanner package. Creation and management of university course material*. 2020-12-08. Version 1.12. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jslectureplanner>  
 PKG-URL: <https://ctan.org/pkg/jslectureplanner>
- Spitzmüller, Jürgen. *The univie-ling package. Papers, theses and research proposals in (Applied) Linguistics at Vienna University*. 2022-10-02. Version 2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/univie-ling>  
 PKG-URL: <https://ctan.org/pkg/univie-ling>
- Spitzmüller, Jürgen, Michael Covington, and Robin Fairbairns. *The covington package. LaTeX macros for Linguistics*. 2022-08-30. Version 2.8. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/covington>  
 PKG-URL: <https://ctan.org/pkg/covington>
- 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://mirror.ctan.org/macros/lamstex>  
 PKG-URL: <https://ctan.org/pkg/lamstex>
- *The lamstex-index package. Index processor for LamsTeX*. 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/indexing/lamstex-index>  
 PKG-URL: <https://ctan.org/pkg/lamstex-index>
- *The mtp2lite package. Subset of MathTime Pro 2 font set*. 2017-04-18. Version 2 lite. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/fonts/mtp2lite>  
 PKG-URL: <https://ctan.org/pkg/mtp2lite>

- Spivey, Mike. *The zed package. Typeset Z specifications*. 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/zed>  
 PKG-URL: <https://ctan.org/pkg/zed>
- Spivey, Mike, Dieter Glötzl, and Bob Tennent. *The xml2pmx package. Convert MusicXML to PMX and MusiXTeX*. 2021-04-03. LICENSE: gpl3+. This program translates MusicXML files to input suitable for and processing. This package supports Windows, MacOS and Linux systems.  
 URL: <https://mirror.ctan.org/support/xml2pmx>  
 PKG-URL: <https://ctan.org/pkg/xml2pmx>
- Spratte, Jonathan P. *The clrstrip package. Place contents into a full width colour strip*. 2021-08-29. LICENSE: lpl1.3c. This lightweight package provides the environment, that places its contents into a full page width colour strip.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>  
 PKG-URL: <https://ctan.org/pkg/clrstrip>
- *The ducksay package. Draw ASCII art of animals saying a specified message*. 2022-10-08. Version 2.6. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ducksay>  
 PKG-URL: <https://ctan.org/pkg/ducksay>
  - *The duckuments package. Create duckified dummy content*. 2019-10-03. Version 0.5. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/duckuments>  
 PKG-URL: <https://ctan.org/pkg/duckuments>
  - *The etl package. Expandable token list operations*. 2021-11-07. Version 0.3. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/etl>  
 PKG-URL: <https://ctan.org/pkg/etl>
  - *The expkv package. An expandable key=val implementation*. 2021-09-21. Version 1.9a. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/expkv>  
 PKG-URL: <https://ctan.org/pkg/expkv>
- Spratte, Jonathan P. *The expkv-cs package. Define expandable key=val macros using expkv*. 2022-02-13. Version 1.2. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/expkv-cs>  
 PKG-URL: <https://ctan.org/pkg/expkv-cs>
- *The expkv-def package. A key-defining frontend for expkv*. 2022-01-29. Version 0.9. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/expkv-def>  
 PKG-URL: <https://ctan.org/pkg/expkv-def>
  - *The expkv-opt package. Parse class and package options with expkv*. 2021-04-05. Version 0.2. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/generic/expkv-opt>  
 PKG-URL: <https://ctan.org/pkg/expkv-opt>
  - *The grabbox package. Read an argument into a box and execute the code afterwards*. 2019-05-08. Version 1.4. LICENSE: lpl1.3c. The package provides the command , which grabs an argument into a box and executes the code afterwards.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/grabbox>  
 PKG-URL: <https://ctan.org/pkg/grabbox>
  - *The pgfmth-xfp package. Define pgfmth functions using xfp*. 2021-05-21. Version 1.0. LICENSE: lpl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pgfmth-xfp>  
 PKG-URL: <https://ctan.org/pkg/pgfmth-xfp>

- *Thepxpic package. Draw pixel pictures.* 2021-12-13. Version 1.3. 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 L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/graphics/pxpic>  
 PKG-URL: <https://ctan.org/pkg/pxpic>
- *Thexistercian package. Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X.* 2021-12-20. Version 1.2. LICENSE: lppl1.3c. allows you to use Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X. The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using . The two main macros are:  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/xistercian>  
 PKG-URL: <https://ctan.org/pkg/xistercian>
- Spreng, Stefan. *The listofsymbols package. Create and manipulate lists of symbols.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/listofsymbols>  
 PKG-URL: <https://ctan.org/pkg/listofsymbols>
- Spribille, Tobias. *The adrlist package. Using address lists in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. The package provides a read-file command () and a set of commands for unpicking the address data in the file.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/adrlist>  
 PKG-URL: <https://ctan.org/pkg/adrlist>
- Springer Verlag. *The springer package. Macros for Springer journals.* 2016-06-24. Version 1.8. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/springer/svjour>  
 PKG-URL: <https://ctan.org/pkg/springer>
- Srinivasan, K. *The adami package. A DOS system for working with Tamil.* 2016-06-18. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/indian/adami90.zip>  
 PKG-URL: <https://ctan.org/pkg/adami>
- 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://mirror.ctan.org/support/untex>  
 PKG-URL: <https://ctan.org/pkg/untex>
- Stacey, Andrew. *The braids package. Draw braid diagrams with PGF/TikZ.* 2019-05-10. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/braids>  
 PKG-URL: <https://ctan.org/pkg/braids>
- *The celtic package. A TikZ library for drawing celtic knots.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>  
 PKG-URL: <https://ctan.org/pkg/celtic>
- *Thehobby package. An implementation of Hobby’s algorithm for PGF/TikZ.* 2017-06-01. Version 1.8. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/hobby>  
 PKG-URL: <https://ctan.org/pkg/hobby>
- *The penrose package. A TikZ library for producing Penrose tilings.* 2021-01-23. Version 1.4. LICENSE: lppl1.3c. This package provides a library for drawing Penrose tiles. It currently supports the kite/dart, rhombus, and pentagon tile sets. There are two main methods for their placement: one that automatically generates a tiling, and one that allows for “by hand” placement. Furthermore, the tiles themselves can be deformed and will still (hopefully!) fit together in the correct fashion.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/penrose>  
 PKG-URL: <https://ctan.org/pkg/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 . It provides the capability to arrange multiple “logical” pages on multiple “physical” pages, for example as for arranging pages to make booklets.  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgfmorepages>  
PKG-URL: <https://ctan.org/pkg/pgfmorepages>
- *The rulercompass package. A TikZ library for straight-edge and compass diagrams.* 2016-06-24. Version 1. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/rulercompass>  
PKG-URL: <https://ctan.org/pkg/rulercompass>
- *The spath3 package. Manipulate “soft paths” in PGF.* 2021-02-21. Version 2.4. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/spath3>  
PKG-URL: <https://ctan.org/pkg/spath3>
- *The tikzmark package. Use TikZ’s method of remembering a position on a page.* 2021-02-21. Version 1.10. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmark>  
PKG-URL: <https://ctan.org/pkg/tikzmark>
- *The tqft package. Drawing TQFT diagrams with TikZ/PGF.* 2017-06-01. Version 2.1. 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.  
URL: <https://mirror.ctan.org/macros/latex/contrib/tqft>  
PKG-URL: <https://ctan.org/pkg/tqft>
- Stachelek, Joseph. *The tikz-lake-fig package. Schematic diagrams of lakes.* 2020-05-31. Version 1.0. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-lake-fig>  
PKG-URL: <https://ctan.org/pkg/tikz-lake-fig>
- Stajano, Frank. *The fixbbl package. Patch bibliographies inappropriately broken by BibTeX.* 2016-06-24. LICENSE: other-free  
URL: <https://mirror.ctan.org/biblio/bibtex/utis/fixbbl>  
PKG-URL: <https://ctan.org/pkg/fixbbl>
- Stambulchik, Evgeny. *The pdfpc package. Define data for the pdfpc presentation viewer.* 2022-07-10. Version 0.7.0. LICENSE: gpl3+  
URL: <https://mirror.ctan.org/macros/latex/contrib/pdfpc>  
PKG-URL: <https://ctan.org/pkg/pdfpc>
- Stanier, Alan. *The cherokee package. A font for the Cherokee script.* 2016-06-24. LICENSE: other-free  
URL: <https://mirror.ctan.org/fonts/cherokee>  
PKG-URL: <https://ctan.org/pkg/cherokee>
- *The cypriote package. A font for ancient Cypriot Greek inscriptions.* 2016-06-24. LICENSE: noinfo  
URL: <https://mirror.ctan.org/fonts/cypriote>  
PKG-URL: <https://ctan.org/pkg/cypriote>
- *The dancers package. Font for Conan Doyle’s “The Dancing Men”.* 2016-06-30. LICENSE: other-free  
URL: <https://mirror.ctan.org/fonts/dancers>  
PKG-URL: <https://ctan.org/pkg/dancers>

- *The georgian-stanier package. A Georgian font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/georgian/stanier>  
 PKG-URL: <https://ctan.org/pkg/georgian-stanier>
- *The goblin package. Tolkien's goblin alphabet.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/goblin>  
 PKG-URL: <https://ctan.org/pkg/goblin>
- *The iching package. A font for I Ching divinations.* 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L<sup>A</sup>T<sub>E</sub>X file is a simplified beast, in which significance is only accorded to one line in the hexagram.  
 URL: <https://mirror.ctan.org/fonts/iching>  
 PKG-URL: <https://ctan.org/pkg/iching>
- *The osmanian package. Osmanian font for writing Somali.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/osmanian>  
 PKG-URL: <https://ctan.org/pkg/osmanian>
- *The shavian package. A Shavian spelling alphabet font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/shavian>  
 PKG-URL: <https://ctan.org/pkg/shavian>
- *The SouthArabian package. A font for an archaic South Arabia script.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/southarabian>  
 PKG-URL: <https://ctan.org/pkg/southarabian>
- *The syriac package. A font for Syriac written in Estrangelo.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/syriac>  
 PKG-URL: <https://ctan.org/pkg/syriac>
- *The ugaritic package. A font for Ugaritic.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/ugaritic>  
 PKG-URL: <https://ctan.org/pkg/ugaritic>
- Stanier, Alan, Robin Fairbairns, and David Carlisle. *The ogham package. Fonts for typesetting Ogham script.* 2018-09-15. LICENSE: pd  
 URL: <https://mirror.ctan.org/fonts/ogham>  
 PKG-URL: <https://ctan.org/pkg/ogham>
- Stanley, Paul. *The oscola package. BibLaTeX style for the Oxford Standard for the Citation of Legal Authorities.* 2020-03-15. Version 1.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/oscola>  
 PKG-URL: <https://ctan.org/pkg/oscola>
- Staps, Camil. *The bibletext package. Insert Bible passages by their reference.* 2017-09-02. Version 0.1.2. LICENSE: mit  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bibletext>  
 PKG-URL: <https://ctan.org/pkg/bibletext>
- *The LaTeXgit package. A L<sup>A</sup>T<sub>E</sub>X git wrapper.* 2020-04-20. LICENSE: gpl3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/latexgit>  
 PKG-URL: <https://ctan.org/pkg/latexgit>
- *The memorygraphs package. TikZ styles to typeset graphs of program memory.* 2019-01-07. Version 0.1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/memorygraphs>  
 PKG-URL: <https://ctan.org/pkg/memorygraphs>

- Starks, Anthony. *The fig2mf package. Convert fig output to Metafont*. 2016-06-24. Version 0.04. LICENSE: nosell. The generated Metafont code uses the macros.  
 URL: <https://mirror.ctan.org/graphics/fig2mf>  
 PKG-URL: <https://ctan.org/pkg/fig2mf>
- Statulevičius, Vytas. *The floatpag package. Different pagestyles on float pages*. 2021-10-11. Version 2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>  
 PKG-URL: <https://ctan.org/pkg/floatpag>
- Stauss, Harald M. *The fastpictex package. Simple specification of PicTeX diagrams*. 2016-06-24. Version 0.9. LICENSE: gpl. FastPicTeX is a preprocessor for . It reads macros (in a language that is very easy to write) and converts them to PicTeX code that can be included in L<sup>A</sup>T<sub>E</sub>X documents. FastPicTeX is specifically designed for diagrams of numbered data material, such as line graphs, bar graphs, or xy graphs.  
 URL: <https://mirror.ctan.org/support/fastpictex>  
 PKG-URL: <https://ctan.org/pkg/fastpictex>
- Steensgaard, Jørgen. *The ebook package. Helps creating an ebook by providing an ebook class*. 2018-01-07. LICENSE: pd  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ebook>  
 PKG-URL: <https://ctan.org/pkg/ebook>
- Stefanović, Uroš. *The cmsrb package. Computer Modern for Serbian and Macedonian*. 2020-03-30. Version 4.0. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/cmsrb>  
 PKG-URL: <https://ctan.org/pkg/cmsrb>
- *The cmupint package. Upright integral symbols for Computer Modern*. 2020-04-13. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/cmupint>  
 PKG-URL: <https://ctan.org/pkg/cmupint>
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 PKG-URL: <https://ctan.org/pkg/srbtiks>
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 PKG-URL: <https://ctan.org/pkg/fancyfolien>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ftcap>  
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- Stein, Leo. *The orcidlink package. Insert hyperlinked ORCID logo*. 2021-06-11. Version 1.0.4. LICENSE: lpl1.3c  
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 URL: <https://mirror.ctan.org/macros/mtex>  
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 URL: <https://mirror.ctan.org/language/tibetan/steiner>  
 PKG-URL: <https://ctan.org/pkg/ttt>
- Steiner, Dave. *The usenix package. Style option to do Usenix conference proceedings*. 2016-06-24. LICENSE: nosell. This is an option, conforming to rules derived from "Instructions for Usenix Authors and Speakers". Unfortunately the package author considered some of the details unclear, and was unable to clear up the problems for lack of communication with Usenix admin.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/usenix.sty>  
 PKG-URL: <https://ctan.org/pkg/usenix>
- Stender, Daniel. *The xetex-devanagari package. XeTeX input map for Unicode Devanagari*. 2016-06-24. Version 0.5. LICENSE: lpl  
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 PKG-URL: <https://ctan.org/pkg/xetex-devanagari>
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 PKG-URL: <https://ctan.org/pkg/xetex-tibetan>
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 URL: <https://mirror.ctan.org/graphics/bardia>  
 PKG-URL: <https://ctan.org/pkg/bardia>
- *The biblio-perl package. System for maintaining and presenting bibliographies*. 2016-06-24. Version 1.0. LICENSE: nosell  
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- URL: <https://mirror.ctan.org/macros/luatex/latex/lualatex-math>  
 PKG-URL: <https://ctan.org/pkg/lualatex-math>
- *The luaLaTeX-platform package. Load platform-specific code into LuaTeX.* 2016-06-24. Version 0.1. LICENSE: other-free  
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 PKG-URL: <https://ctan.org/pkg/lualatex-platform>
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 PKG-URL: <https://ctan.org/pkg/linguex>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>  
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 PKG-URL: <https://ctan.org/pkg/cassette209>
- Stewart, G. W. *The jeep package. Modified L<sup>A</sup>T<sub>E</sub>X 2.09 article and report styles.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/jeep>  
 PKG-URL: <https://ctan.org/pkg/jeep>
- Stippich, Frank. *The texed package. A TeX shell for OS/2.* 2016-06-24. Version 1.50. LICENSE: shareware. A TeX shell for OS/2, FSS-TeXEdit provides an easy interface for L<sup>A</sup>T<sub>E</sub>X 2e, , and .  
 URL: <https://mirror.ctan.org/systems/os2/texed>  
 PKG-URL: <https://ctan.org/pkg/texed>
- Stoffel, Augusto. *The tikz-cd package. Create commutative diagrams with TikZ.* 2021-05-08. Version 1.0. LICENSE: lpl1.3. The general-purpose drawing package can be used to typeset commutative diagrams and other kinds of mathematical pictures, generating high-quality results. The purpose of this package is to make the process of creation of such diagrams easier by providing a convenient set of macros and reasonable default settings. This package also includes an arrow tip library that match closely the arrows present in the Computer Modern typeface.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>  
 PKG-URL: <https://ctan.org/pkg/tikz-cd>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/kix>  
 PKG-URL: <https://ctan.org/pkg/kix>
- Stone, Anthony. *The bidstobibtex package. Convert BIDS returns to BibTeX.* 2016-06-24. LICENSE: noinfo. A Perl script that takes input from a email message (generated by BIDS in its downloading format) to

BibTeX.  
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bids/bids.to.bibtex>  
 PKG-URL: <https://ctan.org/pkg/bidstobibtex>

Stone, Philip. *The ReadableCV package. A highly readable and good looking CV and letter class.* 2021-03-24. Version 3.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/readablecv>  
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 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>  
 PKG-URL: <https://ctan.org/pkg/acroflex>

- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X.* 2021-09-11. LICENSE: lppl1.2  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)  
 PKG-URL: <https://ctan.org/pkg/acromemory>
- *The AcroSort package. Sort sliced image into order.* 2021-09-11. Version 1.6.1. LICENSE: lppl  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acrosort](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acrosort)  
 PKG-URL: <https://ctan.org/pkg/acrosort>
- *The acrotex package. The AcroTeX education bundle.* 2021-10-13. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex>  
 PKG-URL: <https://ctan.org/pkg/acrotex>
- *The acrotex-js package. JavaScript files used by acrotex and other packages.* 2021-11-07. LICENSE: lppl. In the distribution of this package are two critical JavaScript files ( and ) used by the packages , , and . Previously these JS files were distributed with the individual packages, now they are distributed by this package and must be installed according to the instructions in the folder.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex-js>  
 PKG-URL: <https://ctan.org/pkg/acrotex-js>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex>  
 PKG-URL: <https://ctan.org/pkg/acrotex-web>

- *The AeB Pro package. Items from the AeB Pro Family of Software.* 2021-09-11. LICENSE: lppl1.2  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb\\_pro](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb_pro)  
 PKG-URL: <https://ctan.org/pkg/aeb-pro>
- *The AeB slicing package. An image slicer.* 2021-09-11. Version 1.0. LICENSE: lppl  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aabslicing](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aabslicing)  
 PKG-URL: <https://ctan.org/pkg/aabslicing>
- *The aeb-minitoc package. Create mini-tocs.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/aeb-minitoc>  
 PKG-URL: <https://ctan.org/pkg/aeb-minitoc>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/aeb-mlink>  
 PKG-URL: <https://ctan.org/pkg/aeb-mlink>
- *The aeb-mobile package. Format PDF files for use on a smartphone.* 2021-09-11. Version 1.4. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/aeb-mobile>  
 PKG-URL: <https://ctan.org/pkg/aeb-mobile>

- *The aeb-tilebg package. AeB Tiling Backgrounds.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_tilebg](https://mirror.ctan.org/macros/latex/contrib/aeb_tilebg)  
 PKG-URL: <https://ctan.org/pkg/aeb-tilebg>
- *The aeb\_dad package. A drag-and-drop matching game with PDF files.* 2016-12-14. Version 1.2b. LICENSE: lppl. The package is used to create a DAD (Drag and Drop) Matching Game that uses stamps and push buttons. DAD Matching works in any version of Acrobat, and in Adobe Reader XI; it can use the stamps created by the .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>  
 PKG-URL: [https://ctan.org/pkg/aeb\\_dad](https://ctan.org/pkg/aeb_dad)
- *The aebenvelope package. The AeB Pro eEnvelope System.* 2021-09-11. Version 1.0. LICENSE: lppl. The package uses the concept of an ‘eEnvelope’ to direct the user’s attention to attached files. The system may use any one of four provided eEnvelope templates, or can use a custom designed template. The package is required to attach documents to the eEnvelope. AeB Pro, and hence also eEnvelope, requires Acrobat Pro, version 7.0 or later, and requires the document author to create PDF using distiller.  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebenvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebenvelope)  
 PKG-URL: <https://ctan.org/pkg/aebenvelope>
- *The aebXMP package. Add advanced metadata to PDF files.* 2021-09-11. LICENSE: lppl1.2,lppl1.2  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebxmp](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebxmp)  
 PKG-URL: <https://ctan.org/pkg/aebxmp>
- *The annot-pro package. Create text, stamp and file attachment annotations.* 2021-09-11. LICENSE: lppl  
 URL: [https://mirror.ctan.org/macros/latex/contrib/annot\\_pro](https://mirror.ctan.org/macros/latex/contrib/annot_pro)  
 PKG-URL: <https://ctan.org/pkg/annot-pro>
- *The artthreads package. Support for article threads.* 2021-09-11. Version 1.3.1. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/artthreads>  
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- *The bargraph-js package. Create bar graphs using form fields and JavaScript.* 2021-09-11. Version 0.8. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bargraph-js>  
 PKG-URL: <https://ctan.org/pkg/bargraph-js>
- *Story, Donald P. The cntdwn package. Support for countdowns, and for clocks in any timezone.* 2021-09-11. Version 0.6. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>  
 PKG-URL: <https://ctan.org/pkg/cntdwn>
- *The conv-xkv package. Create new key-value syntax.* 2017-03-20. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>  
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- *The datepicker-pro package. Create a popup datepicker using SWF.* 2021-09-11. Version 1.4. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>  
 PKG-URL: <https://ctan.org/pkg/datepicker-pro>
- *The digicap-pro package. Creates captions to digital photos.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>  
 PKG-URL: <https://ctan.org/pkg/digicap-pro>
- *The docassembly package. Use the Acrobat JavaScript API.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/docassembly>  
 PKG-URL: <https://ctan.org/pkg/docassembly>

- *The dps package. Create a "matching" game with a hidden message.* 2021-09-11. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/dps>  
 PKG-URL: <https://ctan.org/pkg/dps>
- *The ecards package. Electronic flash cards.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ecards>  
 PKG-URL: <https://ctan.org/pkg/ecards>
- *The eforms package. eForm support for the AcroTeX bundle.* 2021-05-12. Version 2.4.3. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex>  
 PKG-URL: <https://ctan.org/pkg/eforms>
- *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://mirror.ctan.org/macros/latex/contrib/endnotes-hy>  
 PKG-URL: <https://ctan.org/pkg/endnotes-hy>
- *The eq-fetchbbl package. Match Biblical passages with verse references in a quiz.* 2021-09-11. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eq-fetchbbl>  
 PKG-URL: <https://ctan.org/pkg/eq-fetchbbl>
- *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://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/eq-save>  
 PKG-URL: <https://ctan.org/pkg/eq-save>
- Story, Donald P. *The eq2db package. Convert a quiz to one submitted to a server-side script.* 2021-09-11. Version 2.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eq2db>  
 PKG-URL: <https://ctan.org/pkg/eq2db>
- *The eqexam package. A stand-alone exam package.* 2021-09-11. LICENSE: lppl1.2. eqExam is a L<sup>A</sup>T<sub>E</sub>X package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/eqexam>  
 PKG-URL: <https://ctan.org/pkg/eqexam>
- *The exerquiz package. Environments for defining exercises and quizzes.* 2021-10-13. Version 8.8.5. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex>  
 PKG-URL: <https://ctan.org/pkg/exerquiz>
- *The fc-arith package. Create an arithmetic flash card.* 2021-09-11. LICENSE: lppl1.2  
 URL: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)  
 PKG-URL: <https://ctan.org/pkg/fc-arith>



- *The fetchbibpes package. Creates a DB of Bible verses from e-Sword, then fetches them on command.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>  
 PKG-URL: <https://ctan.org/pkg/fetchbibpes>
- *The FitR package. Set a rectangular destination and jump to it.* 2021-09-11. Version 1.3.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fitr>  
 PKG-URL: <https://ctan.org/pkg/fitr>
- *The fldigial package. Create a Flash slide show of digital photos.* 2021-09-11. Version 0.6. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>  
 PKG-URL: <https://ctan.org/pkg/fldigial>
- *The forms16be package. Initialize form properties using big-endian encoding.* 2019-06-03. Version 1.3. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/forms16be>  
 PKG-URL: <https://ctan.org/pkg/forms16be>
- *The graphicxbox package. Insert a graphical image as a background.* 2016-06-24. Version 1.0. LICENSE: lppl. The package defines two new commands and , which are companions to and of the . The command inserts a graphical image as a background rather than a background color, while does the same thing, but also draws a colored frame around the box.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>  
 PKG-URL: <https://ctan.org/pkg/graphicxbox>
- *The GraphicxSP package. An extension of the graphicx package.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>  
 PKG-URL: <https://ctan.org/pkg/graphicxsp>
- *The grayhints package. Produce ‘gray hints’ to a variable text field.* 2018-11-03. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/grayhints>  
 PKG-URL: <https://ctan.org/pkg/grayhints>
- *The icon-appr package. Creates icon appearances for form buttons.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>  
 PKG-URL: <https://ctan.org/pkg/icon-appr>
- *Story, Donald P. The insdljs package. Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents.* 2021-06-19. Version 2.5.5. LICENSE: lppl1  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acrotex>  
 PKG-URL: <https://ctan.org/pkg/insdljs>
- *The jj-game package. A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games.* 2021-09-11. Version 3.1. LICENSE: lppl  
 URL: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)  
 PKG-URL: <https://ctan.org/pkg/jj-game>
- *The lmacs package. A simple package for including support files.* 2021-09-11. Version 1.1. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lmacs>  
 PKG-URL: <https://ctan.org/pkg/lmacs>
- *The ltx4yt package. Play YouTube videos in the default browser.* 2021-09-11. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>  
 PKG-URL: <https://ctan.org/pkg/ltx4yt>
- *The mi-solns package. Extract solutions from exercises and quizzes.* 2019-01-12. Version 0.6. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>  
 PKG-URL: <https://ctan.org/pkg/mi-solns>

- *The mkstmp package. Provides a simple workflow for creating custom stamps.* 2018-06-12. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>  
 PKG-URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)
- *The opacity-pro package. Set transparency and blend mode.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>  
 PKG-URL: <https://ctan.org/pkg/opacity-pro>
- *The pmdb package. Create a DB (PDF) document for selecting content for inclusion in another documents.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pmdb>  
 PKG-URL: <https://ctan.org/pkg/pmdb>
- *The popupmenu package. Create popup menus in PDF files.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>  
 PKG-URL: <https://ctan.org/pkg/popupmenu>
- *The qrcstamps package. Create QR codes using stamps.* 2021-09-11. Version 1.0. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>  
 PKG-URL: <https://ctan.org/pkg/qrcstamps>
- *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
 URL: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)  
 PKG-URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)
- *The rangen package. Generate random integers, rational and decimal numbers.* 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rangen>  
 PKG-URL: <https://ctan.org/pkg/rangen>
- *Story, Donald P. 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://mirror.ctan.org/macros/latex/contrib/renditions>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/richtext>  
 PKG-URL: <https://ctan.org/pkg/richtext>
- *The rmannot package. Create rich media annotations in a PDF file.* 2021-09-11. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rmannot>  
 PKG-URL: <https://ctan.org/pkg/rmannot>
- *The Robot Man package. A fun demo of AcroTeX eDucation Bundle facilities.* 2017-04-18. LICENSE: lppl. Robot man is distributed as part of the bundle (just for fun); the source is attached to the PDF file.  
 URL: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)  
 PKG-URL: <https://ctan.org/pkg/robot-man>
- *The thorshammer package. Assessment based on AcroTeX quizzes.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>  
 PKG-URL: <https://ctan.org/pkg/thorshammer>

- *The tile-graphic package. Create tiles of a graphical file.* 2020-05-31. LICENSE: lppl1.2. This package breaks a given graphical file into rows and columns of subgraphics, which are called tiles. The tiles can be written separately to individual PDF files, or packaged into a single PDF file.  
URL: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>  
PKG-URL: <https://ctan.org/pkg/tile-graphic>
- *The xbmks package. Create a cross-document bookmark tree.* 2020-01-18. LICENSE: lppl1.2  
URL: <https://mirror.ctan.org/macros/latex/contrib/xbmks>  
PKG-URL: <https://ctan.org/pkg/xbmks>
- *The yt4pdf package. Play YouTube videos in a PDF.* 2020-07-30. LICENSE: lppl1  
URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/yt4pdf>  
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URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>  
PKG-URL: <https://ctan.org/pkg/beamertheme-upenn-bc>
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URL: <https://mirror.ctan.org/macros/latex/contrib/askinclude>  
PKG-URL: <https://ctan.org/pkg/askinclude>
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PKG-URL: <https://ctan.org/pkg/tktexcad>
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URL: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>  
PKG-URL: <https://ctan.org/pkg/exercisebank>
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URL: <https://mirror.ctan.org/macros/latex/contrib/handin>  
PKG-URL: <https://ctan.org/pkg/handin>
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URL: <https://mirror.ctan.org/macros/latex/contrib/includernw>  
PKG-URL: <https://ctan.org/pkg/includernw>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/streetex>  
 PKG-URL: <https://ctan.org/pkg/streetex>
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 LICENSE: gpl  
 URL: <https://mirror.ctan.org/systems/win32/texshell32>  
 PKG-URL: <https://ctan.org/pkg/texshell32>
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 Version 1.02a. LICENSE: lppl1.3c. This bundle provides a collection of inner and outer themes as supplements to the default themes in the distribution. These themes can be used in combination with existing inner, outer, and color themes.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerauxtheme>  
 PKG-URL: <https://ctan.org/pkg/beamerauxtheme>
- Stubner, Ralf. *The fpl package. SC and OsF fonts for URW Palladio L*. 2019-01-04. Version 1.003. LICENSE: gpl2,lppl  
 URL: <https://mirror.ctan.org/fonts/fpl>  
 PKG-URL: <https://ctan.org/pkg/fpl>
- Stuetz, Markus. *The callouts package. Put simple annotations and notes inside a picture*. 2017-07-27. LICENSE: lppl. The package defines the environment in which callouts, notes, arrows, and the like can be placed to describe certain parts of a picture.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/callouts>  
 PKG-URL: <https://ctan.org/pkg/callouts>
- Stuhrmann, Norbert. *The flacards package. Generate flashcards for printing*. 2016-06-24. Version 0.1.1b.  
 LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/flacards>  
 PKG-URL: <https://ctan.org/pkg/flacards>
- Stuhrmann, Norbert. *The stubs package. Create tear-off stubs at the bottom of a page*. 2016-06-24. Version 0.1.1.  
 LICENSE: gpl. The command creates as many repetitions as possible of its argument, at the bottom of the page; these stubs may be used (for example) for contact information.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/stubs>  
 PKG-URL: <https://ctan.org/pkg/stubs>
- Stupp, Gideon. *The ntabbing package. Simple tabbing extension for automatic line numbering*. 2016-06-24.  
 LICENSE: noinfo. An extension of the tabbing environment that supports automatic line numbering. The lines can be referenced using the standard and mechanism.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/ntabbing>  
 PKG-URL: <https://ctan.org/pkg/ntabbing>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/csvsimple>  
 PKG-URL: <https://ctan.org/pkg/csvsimple>
- *The genealogytree package. Pedigree and genealogical tree diagrams*. 2022-03-17. Version 2.2.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/genealogytree>  
 PKG-URL: <https://ctan.org/pkg/genealogytree>
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 LICENSE: lppl1.3

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 PKG-URL: <https://ctan.org/pkg/incgraph>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mercatormap>  
 PKG-URL: <https://ctan.org/pkg/mercatormap>
  - *The sanitize-umlaut package. Sanitize umlauts for MakeIndex and pdfLaTeX.* 2022-06-30. Version 1.2.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/sanitize-umlaut>  
 PKG-URL: <https://ctan.org/pkg/sanitize-umlaut>
  - *The tcolorbox package. Coloured boxes, for L<sup>A</sup>T<sub>E</sub>X examples and theorems, etc.* 2022-06-24. Version 5.1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/tcolorbox>  
 PKG-URL: <https://ctan.org/pkg/tcolorbox>
  - *The tikzfill package. TikZ libraries for filling with images and patterns.* 2022-07-26. Version 1.0.0. LICENSE: lppl1.3. This is a collection of libraries which add further options to fill paths with images and patterns. The libraries comprise fillings with images from files and from pictures. Also, patterns of hexagons and of rhombi are provided.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzfill>  
 PKG-URL: <https://ctan.org/pkg/tikzfill>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/maker>  
 PKG-URL: <https://ctan.org/pkg/maker>
- Suckale, Jakob. *The fbs package. BibTeX style for Frontiers in Bioscience.* 2016-06-24. LICENSE: lppl. A BibTeX style file made with to fit Frontiers in Bioscience requirements:  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/fbs.bst>  
 PKG-URL: <https://ctan.org/pkg/fbs>
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 URL: <https://mirror.ctan.org/systems/msdos/sbtex>  
 PKG-URL: <https://ctan.org/pkg/sbtex>
- Sullivan, Wayne and Volker Kunert. *The dmfonts package. Virtual fonts to provide T1 encoding.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/obsolete/fonts/dmfonts>  
 PKG-URL: <https://ctan.org/pkg/dmfonts>
- Sun, Xiao. *The hitreport package. Harbin Institute of Technology Report L<sup>A</sup>T<sub>E</sub>X Template.* 2021-03-18. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hitreport>  
 PKG-URL: <https://ctan.org/pkg/hitreport>
- Sun, Zhonghao. *The tlmgr-intro-zh-cn package. A short tutorial on using tlmgr in Chinese.* 2021-05-06. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/info/tlmgr-intro-zh-cn>  
 PKG-URL: <https://ctan.org/pkg/tlmgr-intro-zh-cn>
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URL: <https://mirror.ctan.org/macros/latex/contrib/turabian>  
 PKG-URL: <https://ctan.org/pkg/turabian>

Svensson, Anders. *The kuvio package. Drawing macros and fonts for diagrams*. 2017-05-30. LICENSE: other-nonfree. Commutative diagrams using PostScript specials (uses definitions for , but the macros are designed for flexibility in this respect).  
 URL: <https://mirror.ctan.org/macros/generic/diagrams/kuvio>  
 PKG-URL: <https://ctan.org/pkg/kuvio>

Swamidass, S Joshua. *The numname package. Convert a number to its English expression*. 2016-06-24. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/numname>  
 PKG-URL: <https://ctan.org/pkg/numname>

Swift, Matt. *The abbrevs package. Text abbreviations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.4. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/abbrevs>

- *The achicago package. Chicago Manual citations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/achicago>
- *The achicago-bst package. Chicago Manual BibT<sub>E</sub>X style*. 2016-06-24. Version 1. LICENSE: lpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/achicago-bst>
- *The alateX package. Abstract L<sup>A</sup>T<sub>E</sub>X*. 2019-06-21. Version 1.0. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/latex-1.0>  
 PKG-URL: <https://ctan.org/pkg/latex>
- *The attrib package. Attribution of block quotations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/attrib>

Swift, Matt. *The bits package. Sub-document environments in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>  
 PKG-URL: <https://ctan.org/pkg/bits>

- *The blkcntrl package. Block-element hooks in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/blkcntrl>
- *The compsci package. Document (LaT<sub>E</sub>X) programming with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/compsci>
- *The dialogue package. Quote short scripted dialogue in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/dialogue>
- *The drama package. Production-style stage script in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>  
 PKG-URL: <https://ctan.org/pkg/drama>
- *The frankenbundle package. Develop and distribute L<sup>A</sup>T<sub>E</sub>X packages and classes and BibT<sub>E</sub>X styles*. 2016-06-24. Version 1.10. LICENSE: pd  
 URL: <https://mirror.ctan.org/support/frankenbundle>  
 PKG-URL: <https://ctan.org/pkg/frankenbundle>

- *The frankenstein package. A collection of L<sup>A</sup>T<sub>E</sub>X packages.* 2016-06-24. LICENSE: collection. Frankenstein is a bundle of L<sup>A</sup>T<sub>E</sub>X packages serving various purposes and a BibTeX bibliography style. Descriptions are given under the individual packages: , , , , , , , , , .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>  
 PKG-URL: <https://ctan.org/pkg/frankenstein-unsupported>
- *The includex package. Extended \include.* 2016-06-24. Version 0.6. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>  
 PKG-URL: <https://ctan.org/pkg/includex>
- *The lips package. Text ellipses in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 2.1. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/lips>
- *The monster package. Obsolete name for Frankenstein.* 2016-06-24. LICENSE: gpl. This is an (obsolete) 8+3-compliant name for the bundle.  
  
 PKG-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://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/moredefs>
- *The newclude package. Reimplemented \include system for L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/newclude>
- Swift, Matt. *The slemph package. Slanted emphasis in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/slemph>
- *The swiftex package. Edit doc.sty and normal L<sup>A</sup>T<sub>E</sub>X files with GNU Emacs.* 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting L<sup>A</sup>T<sub>E</sub>X 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). SwiftTeX mode is for editing buffers containing normal L<sup>A</sup>T<sub>E</sub>X files and provides an alternative to the L<sup>A</sup>T<sub>E</sub>X modes in the standard Emacs distribution and in .  
 URL: <https://mirror.ctan.org/support/emacs-modes/swiftex>  
 PKG-URL: <https://ctan.org/pkg/swiftex>
- *The titles package. Titles of books, articles, etc. in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/frankenstein>  
 PKG-URL: <https://ctan.org/pkg/titles>
- 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 , whose argument is a number

- of s to change size; from this are defined commands , , , etc.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/relsize>  
 PKG-URL: <https://ctan.org/pkg/relsize>
- Sydoriak, Steve. *The laletter package. Los Alamos letter style*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/laletter>  
 PKG-URL: <https://ctan.org/pkg/laletter>
- *The lamemo package. Memo style as used at Los Alamos*. 2021-08-26. LICENSE: other-free  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/lamemo>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/aboensis>  
 PKG-URL: <https://ctan.org/pkg/aboensis>
- *The foliono package. Use folio numbers to replace page numbers*. 2021-04-15. Version 1.000. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/foliono>  
 PKG-URL: <https://ctan.org/pkg/foliono>
- *The missaali package. A late medieval OpenType textura font*. 2021-12-10. Version 2.0. LICENSE: ofl,lppl1.3  
 URL: <https://mirror.ctan.org/fonts/missaali>  
 PKG-URL: <https://ctan.org/pkg/missaali>
- Syropoulos, Apostolos. *The asana-math package. A font to typeset maths in Xe(La)TeX and Lua(La)TeX*. 2021-06-19. Version 000.958. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/Asana-Math>  
 PKG-URL: <https://ctan.org/pkg/asana-math>
- *The bib-greek package. A BibTeX style for Greek documents*. 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/language/greek/BibTeX>  
 PKG-URL: <https://ctan.org/pkg/bib-greek>
- Syropoulos, Apostolos. *The epiolmec package. Typesetting the Epi-Olmec Language*. 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/language/epiolmec>  
 PKG-URL: <https://ctan.org/pkg/epiolmec>
- *The frederika2016 package. An OpenType Greek calligraphy font*. 2016-09-28. Version 1.000 2016 initial release. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/frederika2016>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/language/greek/mkgrkindex>  
 PKG-URL: <https://ctan.org/pkg/greek-makeindex>
- *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://mirror.ctan.org/macros/latex/contrib/grnumalt>  
 PKG-URL: <https://ctan.org/pkg/grnumalt>



- *The grtimes package. Typeset Greek text with Times New Roman Greek.* 2019-06-21. Version 1.0. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/fonts/greek/grtimes>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/language/greek/grverb>  
 PKG-URL: <https://ctan.org/pkg/grverb>
- *The hellas package. Typeset bibliographies which include Greek.* 2016-06-24. 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://mirror.ctan.org/language/greek/BibTeX>  
 PKG-URL: <https://ctan.org/pkg/hellas>
- *The linearA package. Linear A script fonts.* 2022-04-29. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/archaic/linearA>  
 PKG-URL: <https://ctan.org/pkg/linearA>
- *The mf2pt3 package. Create Adobe Type 3 fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/utilities/mf2pt3>  
 PKG-URL: <https://ctan.org/pkg/mf2pt3>
- *The multibbl package. Multiple bibliographies.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/multibbl>  
 PKG-URL: <https://ctan.org/pkg/multibbl>
- Syropoulos, Apostolos. *The ocherokee package. LaTeX Support for the Cherokee language.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/language/ Cherokee/ocherokee>  
 PKG-URL: <https://ctan.org/pkg/ocherokee>
- *The oinuit package. LaTeX Support for the Inuktitut Language.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/language/inuktitut/oinuit>  
 PKG-URL: <https://ctan.org/pkg/oinuit>
- *The phaistos package. Disk of Phaistos font.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/archaic/phaistos>  
 PKG-URL: <https://ctan.org/pkg/phaistos>
- *The staves package. Typeset Icelandic staves and runic letters.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/language/staves>  
 PKG-URL: <https://ctan.org/pkg/staves>
- *The svrsymbols package. A font with symbols for use in physics texts.* 2019-02-12. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/fonts/svrsymbols>  
 PKG-URL: <https://ctan.org/pkg/svrsymbols>
- *The umtypewriter package. Fonts to typeset with the xgreek package.* 2022-09-18. Version 1.1. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/umtypewriter>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/xetex/latex/xexchangebar>  
PKG-URL: <https://ctan.org/pkg/xexchangebar>
- *The xecyrmongolian package. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe)LuaTeX.* 2019-12-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>  
PKG-URL: <https://ctan.org/pkg/xecyrmongolian>
- *The xesoul package. Use the soul package with Xe<sub>Λ</sub>TeX.* 2021-04-08. 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://mirror.ctan.org/macros/xetex/latex/xesoul>  
PKG-URL: <https://ctan.org/pkg/xesoul>
- *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX.* 2016-06-24. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>  
PKG-URL: <https://ctan.org/pkg/xetex-greek>
- *The xgreek package. Greek Language Support for Xe<sub>Λ</sub>TeX and LuaLaTeX.* 2022-09-05. Version 3.2.0. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/xetex/latex/xespotcolor>  
PKG-URL: <https://ctan.org/pkg/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package. Greek encoding support for inputenc.* 2019-07-11. Version 1.7. LICENSE: lppl1.3. The bundle provides UTF-8, Macintosh Greek encoding and ISO 8859-7 definition files for use with .  
URL: <https://mirror.ctan.org/language/greek/greek-inputenc>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/philokalia>  
PKG-URL: <https://ctan.org/pkg/philokalia>
- Syropoulos, Apostolos and Philip Kime. *The biber-solaris package. Biber binaries for Solaris.* 2022-07-08. Version 2.18. LICENSE: artistic2  
URL: <https://mirror.ctan.org/biblio/biber/biber-solaris>  
PKG-URL: <https://ctan.org/pkg/biber-solaris>
- Syropoulos, Apostolos, Javier Bezos López, Johannes L. Braams, and Günter Milde. *The babel-greek package. Babel support for documents written in Greek.* 2020-11-10. Version 1.10. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/greek>  
PKG-URL: <https://ctan.org/pkg/babel-greek>
- Syropoulos, Apostolos and Dick Nickalls. *The ascii-font package. Use the ASCII “font” in L<sup>A</sup>TeX.* 2016-06-24. Version 2.0. LICENSE: lppl

- URL: <https://mirror.ctan.org/fonts/ascii>  
 PKG-URL: <https://ctan.org/pkg/ascii-font>
- *The decimal package. LaTeX package for the English raised decimal point.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/decimal>  
 PKG-URL: <https://ctan.org/pkg/decimal>
  - *The mathspic package. A Perl filter program for use with PiCTeX.* 2016-06-24. Version 1.13. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/mathspic>  
 PKG-URL: <https://ctan.org/pkg/mathspic>
- Syropoulos, Apostolos and Yannis Potamianos. *The elmath package. Mathematics in Greek texts.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/elmath>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/a2ping>  
 PKG-URL: <https://ctan.org/pkg/a2ping>
- *The anyfontsize package. Select any font size in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/anyfontsize>  
 PKG-URL: <https://ctan.org/pkg/anyfontsize>
- Szabó, Péter. *The babel-hungarian package. Babel support for Hungarian (Magyar).* 2019-01-14. Version 1.5c. LICENSE: lppl. The package provides a language definition file that enables support of Magyar (Hungarian) with .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hungarian>  
 PKG-URL: <https://ctan.org/pkg/babel-hungarian>
- *The examplep package. Verbatim phrases and listings in L<sup>A</sup>T<sub>E</sub>X.* 2020-05-09. Version 0.04. LICENSE: gpl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/examplep>  
 PKG-URL: <https://ctan.org/pkg/examplep>
  - *The graphicp package. An enhanced version of graphics.* 2016-06-24. Version 0.12. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/exptl/graphicp>  
 PKG-URL: <https://ctan.org/pkg/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 L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/latex-uni8>  
 PKG-URL: <https://ctan.org/pkg/latex-uni8>
  - *The sam2p package. Convert bitmap formats to compact PS/PDF.* 2021-09-15. Version 0.49.4. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/sam2p>  
 PKG-URL: <https://ctan.org/pkg/sam2p>

- *The tt2001 package. Type 1 EC fonts generated by TeXtrace.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/fonts/ps-type1/tt2001>  
 PKG-URL: <https://ctan.org/pkg/tt2001>
- Takato, Setsuo. *Theketcindy package. Creating graphics for TeX using Cinderella.* 2021-03-10. Version 20191225.0.  
 LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/graphics/ketcindy>  
 PKG-URL: <https://ctan.org/pkg/ketcindy>
- Takeda, Shiro. *The econ-bst package. BibTeX style for economics papers.* 2022-01-05. Version 3.1.1. LICENSE: lppl1.3. This is a BibTeX style file for papers in economics. It provides the following features:  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>  
 PKG-URL: <https://ctan.org/pkg/econ-bst>
- Talbot, Nicola. *The bib2gls package. Command line application to convert .bib files to glossaries-extra.sty resource files.* 2021-11-23. Version 2.9. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/bib2gls>  
 PKG-URL: <https://ctan.org/pkg/bib2gls>
- *The csvtools package. Reading data from CSV files.* 2016-06-24. Version 1.24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>  
 PKG-URL: <https://ctan.org/pkg/csvtools>
- *The datatool package. Tools to load and manipulate data.* 2019-09-27. Version 2.32. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datatool>  
 PKG-URL: <https://ctan.org/pkg/datatool>
- *The datatooltk package. A Java GUI for preparing datatool input.* 2018-07-06. Version 1.9. LICENSE: gpl3+  
 URL: <https://mirror.ctan.org/support/datatooltk>  
 PKG-URL: <https://ctan.org/pkg/datatooltk>
- Talbot, Nicola. *The datetime package. Change format of \today with commands for current time.* 2016-06-24. Version 2.60. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>  
 PKG-URL: <https://ctan.org/pkg/datetime>
- *The datetime2 package. Formats for dates, times and time zones.* 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2>  
 PKG-URL: <https://ctan.org/pkg/datetime2>
- *The datetime2-bahasai package. Bahasai language module for the datetime2 package.* 2018-01-10. Version 1.01. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasai>  
 PKG-URL: <https://ctan.org/pkg/datetime2-bahasai>
- *The datetime2-breton package. Breton language module for the datetime2 package.* 2019-11-05. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>  
 PKG-URL: <https://ctan.org/pkg/datetime2-breton>
- *The datetime2-bulgarian package. Bulgarian language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-bulgarian>
- *The datetime2-catalan package. Catalan language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>  
 PKG-URL: <https://ctan.org/pkg/datetime2-catalan>
- *The datetime2-czech package. Czech language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>  
 PKG-URL: <https://ctan.org/pkg/datetime2-czech>
- *The datetime2-danish package. Danish language module for the datetime2 package.* 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-danish>
- *The datetime2-dutch package. Dutch language module for the datetime2 package.* 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>  
 PKG-URL: <https://ctan.org/pkg/datetime2-english>
- Talbot, Nicola. *The datetime2-esperanto package. Esperanto language module for the datetime2 package.* 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-esperanto>  
 PKG-URL: <https://ctan.org/pkg/datetime2-esperanto>
- *The datetime2-estonian package. Estonian language module for the datetime2 package.* 2018-04-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-estonian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-estonian>
- *The datetime2-galician package. Galician language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-galician>  
 PKG-URL: <https://ctan.org/pkg/datetime2-galician>
- *The datetime2-greek package. Greek language module for the datetime2 package.* 2018-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-greek>  
 PKG-URL: <https://ctan.org/pkg/datetime2-greek>
- *The datetime2-hebrew package. Hebrew language module for the datetime2 package.* 2018-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-hebrew>  
 PKG-URL: <https://ctan.org/pkg/datetime2-hebrew>
- *The datetime2-icelandic package. Icelandic language module for the datetime2 package.* 2018-04-24. Version 1.1. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-icelandic>  
 PKG-URL: <https://ctan.org/pkg/datetime2-icelandic>
- *The datetime2-irish package. Irish Gaelic Language Module for the datetime2 Package.* 2018-04-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-irish>
  - *The datetime2-latin package. Latin language module for the datetime2 package.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-latin>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-lsorbian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-lsorbian>
  - *The datetime2-magyar package. Magyar language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-magyar>  
 PKG-URL: <https://ctan.org/pkg/datetime2-magyar>
  - *The datetime2-norsk package. Norsk language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>  
 PKG-URL: <https://ctan.org/pkg/datetime2-norsk>
  - *The datetime2-polish package. Polish language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-polish>
  - Talbot, Nicola. *The datetime2-portuges package. Portuguese language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>  
 PKG-URL: <https://ctan.org/pkg/datetime2-portuges>
  - *The datetime2-russian package. Russian language module for the datetime2 package.* 2018-12-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-russian>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-samin>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-scottish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-scottish>
  - *The datetime2-slovak package. Slovak language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>  
 PKG-URL: <https://ctan.org/pkg/datetime2-slovak>

- *The datetime2-slovene package. Slovene language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovene>  
 PKG-URL: <https://ctan.org/pkg/datetime2-slovene>
- *The datetime2-spanish package. Spanish language module for the datetime2 package.* 2017-11-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-spanish>
- *The datetime2-swedish package. Swedish language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-swedish>  
 PKG-URL: <https://ctan.org/pkg/datetime2-swedish>
- *The datetime2-turkish package. Turkish language module for the datetime2 package.* 2019-10-10. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-turkish>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-usorbian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-usorbian>
- *The datetime2-welsh package. Welsh language module for the datetime2 package.* 2019-10-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>  
 PKG-URL: <https://ctan.org/pkg/datetime2-welsh>
- Talbot, Nicola. *The dickimaw package. Books and tutorials from the “Dickimaw L<sup>A</sup>T<sub>E</sub>X Series”.* 2017-04-18. LICENSE: fdl  
 URL: <https://mirror.ctan.org/info/dickimaw>  
 PKG-URL: <https://ctan.org/pkg/dickimaw>
- *The doipubmed package. Special commands for use in bibliographies.* 2016-06-24. Version 1.01. LICENSE: lppl. The package provides the commands `doipubmed`, `doipubmedurl`, and `doipubmedurlwidth`. These commands are primarily designed for use in bibliographies. A L<sup>A</sup>T<sub>E</sub>X2HTML style file is also provided.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>  
 PKG-URL: <https://ctan.org/pkg/doipubmed>
- *The flowfram package. Create text frames for posters, brochures or magazines.* 2016-06-24. Version 1.17. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/flowfram>  
 PKG-URL: <https://ctan.org/pkg/flowfram>
- *The FlowframTk package. Vector graphics application with support for flowfram.sty.* 2019-07-18. Version 0.8.4. LICENSE: gpl  
 URL: <https://mirror.ctan.org/graphics/flowframtk>  
 PKG-URL: <https://ctan.org/pkg/flowframtk>
- *The glossaries package. Create glossaries and lists of acronyms.* 2021-11-01. Version 4.49. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries>  
 PKG-URL: <https://ctan.org/pkg/glossaries>
- *The glossaries-accsupp package. Accessibility support for glossaries.* 2020-02-15. Version 0.2. LICENSE: lppl

- URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries>  
 PKG-URL: <https://ctan.org/pkg/glossaries-accsupp>
- *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://mirror.ctan.org/macros/latex/contrib/glossaries-danish>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-dutch>  
 PKG-URL: <https://ctan.org/pkg/glossaries-dutch>
  - *The glossaries-english package. English language module for glossaries package.* 2016-06-24. Version 1.0.  
 LICENSE: lppl1.3. English language module for package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>  
 PKG-URL: <https://ctan.org/pkg/glossaries-english>
  - *The glossaries-extra package. An extension to the glossaries package.* 2021-11-23. Version 1.48. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-german>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-irish>  
 PKG-URL: <https://ctan.org/pkg/glossaries-irish>
  - Talbot, Nicola. *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://mirror.ctan.org/macros/latex/contrib/glossaries-italian>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-magyar>  
 PKG-URL: <https://ctan.org/pkg/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.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>  
 PKG-URL: <https://ctan.org/pkg/glossaries-polish>
  - *The glossaries-portuges package. Portuges language module for glossaries package.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. Portuges language module for package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>  
PKG-URL: <https://ctan.org/pkg/glossaries-spanish>
- *The glossary package. Create a glossary.* 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/support/jmakepdfx>  
PKG-URL: <https://ctan.org/pkg/jmakepdfx>
- *The jmlr package. Class files for the Journal of Machine Learning Research.* 2022-02-09. Version 1.30. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/jmlr>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/support/makeglossariesgui>  
PKG-URL: <https://ctan.org/pkg/makeglossariesgui>
- Talbot, Nicola. *The mfirstuc package. Uppercase the first letter of a word.* 2021-10-15. Version 2.07. 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 \xmakefirstuc 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://mirror.ctan.org/macros/latex/contrib/mfirstuc>  
PKG-URL: <https://ctan.org/pkg/mfirstuc>
- *The nlctdoc package. Package documentation class.* 2020-02-12. Version 1.07. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>  
PKG-URL: <https://ctan.org/pkg/nlctdoc>
- *The pressrelease package. A class for typesetting press releases.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>  
PKG-URL: <https://ctan.org/pkg/pressrelease>
- *The probsoln package. Generate problem sheets and their solution sheets.* 2017-07-10. Version 3.05. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/probsoln>  
PKG-URL: <https://ctan.org/pkg/probsoln>
- *The quotmark package. Consistent quote marks.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://mirror.ctan.org/macros/latex/contrib/quotmark>  
PKG-URL: <https://ctan.org/pkg/quotmark>
- *The testidx package. Dummy text for testing index styles and indexing applications.* 2019-09-29. Version 1.2. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/testidx>  
 PKG-URL: <https://ctan.org/pkg/testidx>
- *The tex-locale package. Localisation support for TeX and L<sup>A</sup>T<sub>E</sub>X documents.* 2018-08-28. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/tex-locale>  
 PKG-URL: <https://ctan.org/pkg/tex-locale>
  - *The texosquery package. Cross-platform Java application to query OS information.* 2020-02-04. Version 1.7. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/support/texosquery>  
 PKG-URL: <https://ctan.org/pkg/texosquery>
  - *The tracklang package. Language and dialect tracker.* 2019-12-01. Version 1.4. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/generic/tracklang>  
 PKG-URL: <https://ctan.org/pkg/tracklang>
  - *The venndiagram package. Creating Venn diagrams with TikZ.* 2018-06-07. Version 1.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/venndiagram>  
 PKG-URL: <https://ctan.org/pkg/venndiagram>
  - *The xfor package. A reimplementation of the L<sup>A</sup>T<sub>E</sub>X for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X 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://mirror.ctan.org/macros/latex/contrib/xfor>  
 PKG-URL: <https://ctan.org/pkg/xfor>
- Talbot, Nicola and Vincent Belaïche. *The fmtcount package. Display the value of a L<sup>A</sup>T<sub>E</sub>X counter in a variety of formats.* 2020-07-05. Version 3.07. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fmtcount>  
 PKG-URL: <https://ctan.org/pkg/fmtcount>
- 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 L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub> 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://mirror.ctan.org/support/makedtx>  
 PKG-URL: <https://ctan.org/pkg/makedtx>
- Talbot, Nicola, Denis Bitouzé, and Vincent Belaïche. *The glossaries-french package. French language module for glossaries package.* 2017-01-04. Version 1.1. LICENSE: lppl1.3. French language module for package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-french>  
 PKG-URL: <https://ctan.org/pkg/glossaries-french>
- Talbot, Nicola and Claudio Duchi. *The datettime2-italian package. Italian language module for the datettime2 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://mirror.ctan.org/macros/latex/contrib/datettime2-contrib/datettime2-italian>  
 PKG-URL: <https://ctan.org/pkg/datettime2-italian>
- Talbot, Nicola and Sebastian Friedl. *The datettime2-german package. German language module for the datettime2 package.* 2019-12-13. Version 3.0. LICENSE: lppl1.3c. This module provides the “german” style that can be set using provided by .

- URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-german>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-basque>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-croatian>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-french>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-romanian>
- Talbot, Nicola and Sergiy M. Ponomarenko. *The datetime2-ukrainian package. Ukrainian language module for the datetime2 package*. 2018-04-15. Version 1.2a. LICENSE: lppl1.3. This module provides the “ukrainian” style that can be set using provided by .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-ukrainian>
- Talbot, Nicola and Andrej Radović. *The datetime2-serbian package. Serbian language module for the datetime2 package*. 2019-11-22. Version 2.1.0. LICENSE: lppl1.3. This module provides the “serbian” style that can be set using provided by . It provides both Cyrillic and Latin, Ekavian and Ijekavian variants of Serbian date formats, regionalized and non-regionalized.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-serbian>  
 PKG-URL: <https://ctan.org/pkg/datetime2-serbian>
- Talbot, Nicola and Maïeul Rouquette. *The bibleref package. Format bible citations*. 2020-06-22. Version 1.25. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bibleref>  
 PKG-URL: <https://ctan.org/pkg/bibleref>
- 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://mirror.ctan.org/support/convbkmk>  
 PKG-URL: <https://ctan.org/pkg/convbkmk>
- *The upmendex package. Multilingual index processor*. 2021-11-21. Version 1.00. LICENSE: bsd3  
 URL: <https://mirror.ctan.org/indexing/upmendex>  
 PKG-URL: <https://ctan.org/pkg/upmendex>

- *The uptex package. Unicode version of pTeX.* 2020-08-30. LICENSE: other-free  
 PKG-URL: <https://ctan.org/pkg/uptex>
- Tanaka, Takuji, Norbert Preining, and Japanese TeX Development Community. *The japanese-otf-uptex package. Support for Japanese OTF files in upLaTeX.* 2022-08-01. LICENSE: bsd3. This bundle has been merged into .  
 URL: <https://mirror.ctan.org/macros/jptex/latex/japanese-otf>  
 PKG-URL: <https://ctan.org/pkg/japanese-otf-uptex>
- Tanbakuchi, Anthony A. *The FigSize package. Auto-size graphics.* 2016-06-24. Version 0.1. LICENSE: lppl.  
 The FigSize package enables automatic sizing of graphics, especially when including graphics with the package. The user only has to specify the number of graphics that should fit to a page or fraction thereof and the package will dynamically calculate the correct graphics sizes relative to the page size. Thus, graphics can be auto-sized to fill a whole page or fraction and manual changes of graphic sizes are never needed when changing document layouts. Finally, the package’s dynamic lengths can be used to allow other document element sizes to be dynamic.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/figsize>  
 PKG-URL: <https://ctan.org/pkg/figsize>
- *The plates package. Arrange for “plates” sections of documents.* 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/plates>  
 PKG-URL: <https://ctan.org/pkg/plates>
- Tantau, Till. *The pgfkeys package. Key value control for PGF.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pgf/base>  
 PKG-URL: <https://ctan.org/pkg/pgfkeys>
- Tartir, Jamal K. *The jlabels package. Make letter-sized pages of labels.* 2016-06-24. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/jlabels>  
 PKG-URL: <https://ctan.org/pkg/jlabels>
- Tatlock, Benjamin. *The bropd package. Simplified brackets and differentials in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bropd>  
 PKG-URL: <https://ctan.org/pkg/bropd>
- Tatsuta, Makoto. *The LKproof package. LK Proof figure macros.* 2018-02-03. Version 3.1. LICENSE: gpl. The package defines a pair of commands and , that are used in constructing LK proof diagrams.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/lkproof>  
 PKG-URL: <https://ctan.org/pkg/lkproof>
- Taupin, Daniel. *The cmfrak package. Reencoded versions of Haralambous fraktur fonts.* 2016-07-29. Version 1.0. LICENSE: noinfo. Metafont sources to enable Haralambous’s font to be built in a CM-like encoding () or a “DC-like” encoding (effectively, L<sup>A</sup>T<sub>E</sub>X T1: ).  
 URL: <https://mirror.ctan.org/fonts/gothic/cmfrak>  
 PKG-URL: <https://ctan.org/pkg/cmfrak>
- *The ec-plain package. Use EC fonts in Plain TeX.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/ec-plain>  
 PKG-URL: <https://ctan.org/pkg/ec-plain>
- *The hyphen-accent package. LaTeX 2.09 code for using DC fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/hyphen-accent>  
 PKG-URL: <https://ctan.org/pkg/hyphen-accent>

- *The musictex package. Typesetting music with TeX.* 2019-06-21. 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://mirror.ctan.org/macros/musictex>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/smallcap>  
 PKG-URL: <https://ctan.org/pkg/smallcap>
  - *The varsects package. A simple package for controlling headings.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/taupin/varsects.sty>  
 PKG-URL: <https://ctan.org/pkg/varsects>
- Taylor, Laurence R. *The bubblesort package. Bubble sorts a list.* 2020-07-29. Version 1.0. LICENSE: lppl1.3c. This package sorts a list of TeX items in "increasing" order where "increasing" is determined by a comparator macro. By default it sorts real numbers with the usual meaning of "increasing" but some other examples are discussed in the documentation. A second macro is included which sorts one list and applies the same permutation to a second list.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bubblesort>  
 PKG-URL: <https://ctan.org/pkg/bubblesort>
- *The csvmerge package. Merge TeX code with csv data.* 2019-08-14. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/csvmerge>  
 PKG-URL: <https://ctan.org/pkg/csvmerge>
- Taylor, Paul. *The proofs package. Macros for building proof trees.* 2019-06-21. LICENSE: nosell  
 URL: <https://mirror.ctan.org/macros/generic/proofs/taylor>  
 PKG-URL: <https://ctan.org/pkg/proofs>
- *The qed package. Produce an "end-of-proof" mark.* 2016-06-24. LICENSE: nosell  
 URL: <https://mirror.ctan.org/macros/generic/proofs/taylor/QED.sty>  
 PKG-URL: <https://ctan.org/pkg/qed>
  - *The taylor package. Macros for category-theoretic diagrams.* 2016-06-24. Version 3.93. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/macros/generic/diagrams/taylor>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/generic/misc/CropMarks\\_pt.tex](https://mirror.ctan.org/macros/generic/misc/CropMarks_pt.tex)  
 PKG-URL: <https://ctan.org/pkg/cropmarks-pt>
- *The cropmrks package. Add crop marks to a Plain TeX document.* 2016-06-24. Version 1.5. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>  
 PKG-URL: <https://ctan.org/pkg/cropmrks>
  - *The letterspacing package. Letter spacing.* 2020-04-11. LICENSE: knuth  
 URL: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>  
 PKG-URL: <https://ctan.org/pkg/letterspacing>

- *The path package. Typeset paths, making them breakable.* 2016-06-24. Version 3.05. LICENSE: other-free. Defines a macro `\path`, similar to the  $\LaTeX$  `\texttt`, 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://mirror.ctan.org/macros/generic/path>  
PKG-URL: <https://ctan.org/pkg/path>
- *The settosize package. Scale text to given width.* 2019-10-03. LICENSE: noinfo  
URL: <https://mirror.ctan.org/macros/plain/contrib/misc/settosize.tex>  
PKG-URL: <https://ctan.org/pkg/settosize>
- *The trigonometry package. Demonstration code for cos and sin in TeX macros.* 2017-01-24. LICENSE: knuth  
URL: <https://mirror.ctan.org/macros/generic/trigonometry>  
PKG-URL: <https://ctan.org/pkg/trigonometry>
- *The verbatim-gen package. Generic macros for setting text verbatim.* 2020-04-11. LICENSE: noinfo. Defines a verbatim ‘environment’ — one typeset. “Short-form” versions used as or are provided for small chunks of text.  
URL: <https://mirror.ctan.org/macros/generic/misc/verbatim.tex>  
PKG-URL: <https://ctan.org/pkg/verbatim-gen>
- Team Robocracy. *The ftc-notebook package. Typeset FIRST Tech Challenge (FTC) notebooks.* 2019-02-17. Version 1.1. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/ftc-notebook>  
PKG-URL: <https://ctan.org/pkg/ftc-notebook>
- Teegen, Maximilian. *The letterswitharrows package. Draw arrows over math letters.* 2021-07-19. LICENSE: lppl1.3  
URL: <https://mirror.ctan.org/macros/latex/contrib/letterswitharrows>  
PKG-URL: <https://ctan.org/pkg/letterswitharrows>
- Tellechea, Christian. *The apprendre-a-programmer-en-tex package. The book “Apprendre à programmer en TeX”.* 2020-12-20. LICENSE: lppl1.2  
URL: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>  
PKG-URL: <https://ctan.org/pkg/apprendre-a-programmer-en-tex>
- *The autoalign package. Align terms and members in math expressions.* 2020-11-19. Version 1.5. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/generic/autoalign>  
PKG-URL: <https://ctan.org/pkg/autoalign>
- *The chemfig package. Draw molecules with easy syntax.* 2022-09-27. Version 1.6c. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/generic/chemfig>  
PKG-URL: <https://ctan.org/pkg/chemfig>
- *The dijkstra package. Dijkstra algorithm for LaTeX.* 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>  
PKG-URL: <https://ctan.org/pkg/dijkstra>
- *The hlist package. Horizontal and columned lists.* 2017-08-08. Version 0.11. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/macros/generic/hlist>  
PKG-URL: <https://ctan.org/pkg/hlist>
- *The scratch package. Draw programs like “scratch”.* 2019-02-19. Version 0.41. LICENSE: lppl1.3c  
URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/scratch>  
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 PKG-URL: <https://ctan.org/pkg/accanthis>
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 PKG-URL: <https://ctan.org/pkg/alegreya>
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 URL: <https://mirror.ctan.org/fonts/andika>  
 PKG-URL: <https://ctan.org/pkg/andika>
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 PKG-URL: <https://ctan.org/pkg/arimo>

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 PKG-URL: <https://ctan.org/pkg/charissil>
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 PKG-URL: <https://ctan.org/pkg/cinzel>
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 URL: <https://mirror.ctan.org/fonts/clearsans>  
 PKG-URL: <https://ctan.org/pkg/clearsans>
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 URL: <https://mirror.ctan.org/fonts/coelacanth>  
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 PKG-URL: <https://ctan.org/pkg/cormorantgaramond>
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 URL: <https://mirror.ctan.org/fonts/crimson>  
 PKG-URL: <https://ctan.org/pkg/crimson>
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 PKG-URL: <https://ctan.org/pkg/forum>
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PKG-URL: <https://ctan.org/pkg/librebodoni>
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URL: <https://mirror.ctan.org/fonts/lobster2>  
PKG-URL: <https://ctan.org/pkg/lobster2>
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 URL: <https://mirror.ctan.org/fonts/notocondensed>  
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 PKG-URL: <https://ctan.org/pkg/oldstandardt1>
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 PKG-URL: <https://ctan.org/pkg/playfair>
  - *The plex package. Support for IBM Plex fonts.* 2022-09-23. LICENSE: ofl,lppl  
 URL: <https://mirror.ctan.org/fonts/plex>  
 PKG-URL: <https://ctan.org/pkg/plex>
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 PKG-URL: <https://ctan.org/pkg/poiretone>
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 URL: <https://mirror.ctan.org/graphics/prerex>  
 PKG-URL: <https://ctan.org/pkg/prerex>

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 PKG-URL: <https://ctan.org/pkg/quattrocento>
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 URL: <https://mirror.ctan.org/fonts/roboto>  
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 PKG-URL: <https://ctan.org/pkg/spectral>
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 PKG-URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-8>
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 URL: <https://mirror.ctan.org/fonts/theanodidot>  
 PKG-URL: <https://ctan.org/pkg/theanodidot>
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 URL: <https://mirror.ctan.org/fonts/theanomodern>  
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 URL: <https://mirror.ctan.org/fonts/gothic/oldlatin>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/coseoul>  
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 PKG-URL: <https://ctan.org/pkg/ccicons>
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 URL: <https://mirror.ctan.org/fonts/fdsymbol>  
 PKG-URL: <https://ctan.org/pkg/fdsymbol>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tabfigures>  
 PKG-URL: <https://ctan.org/pkg/tabfigures>
- Un, Koaunghi. *The HLaTeX fonts package. A collection of Korean (Hangul) fonts*. 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/fonts/korean/HLaTeX>  
 PKG-URL: <https://ctan.org/pkg/hlatex-fonts>
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 PKG-URL: <https://ctan.org/pkg/hlatex>
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 URL: <https://mirror.ctan.org/fonts/korean/HLaTeX>  
 PKG-URL: <https://ctan.org/pkg/uhc>

- *The unfonts-core package. TrueType version of Un-fonts.* 2020-09-03. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/fonts/unfonts-core>  
 PKG-URL: <https://ctan.org/pkg/unfonts-core>
- *The unfonts-extra package. TrueType version of Un-fonts.* 2020-09-03. LICENSE: gpl2  
 URL: <https://mirror.ctan.org/fonts/unfonts-extra>  
 PKG-URL: <https://ctan.org/pkg/unfonts-extra>
- *The xytree package. Tree macros using XY-Pic.* 2016-06-24. Version 1.5. LICENSE: lppl  
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 PKG-URL: <https://ctan.org/pkg/xytree>
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 URL: <https://mirror.ctan.org/macros/generic/misc/cropmark.tex>  
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 URL: <https://mirror.ctan.org/macros/generic/misc/pagereference.tex>  
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 URL: <https://mirror.ctan.org/macros/unicodetex/latex/aalok>  
 PKG-URL: <https://ctan.org/pkg/aalok>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/acs>  
 PKG-URL: <https://ctan.org/pkg/acs>
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 PKG-URL: <https://ctan.org/pkg/adobe-euro>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotate.bst>  
 PKG-URL: <https://ctan.org/pkg/annotate>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotation.bst>  
 PKG-URL: <https://ctan.org/pkg/annotation>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/appelt-chess.tex>  
 PKG-URL: <https://ctan.org/pkg/appelt-chess>
- *The association-matrix package. LaTeX support for creating association matrices.* 2021-08-26. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/association-matrix>  
 PKG-URL: <https://ctan.org/pkg/association-matrix>
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 PKG-URL: <https://ctan.org/pkg/astyped>
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 URL: <https://mirror.ctan.org/info/asymptote-by-example-zh-cn>  
 PKG-URL: <https://ctan.org/pkg/asymptote-by-example-zh-cn>
  - *The asymptote-faq-zh-cn package. Asymptote FAQ (Chinese translation).* 2021-12-29. LICENSE: lppl. This is a Chinese translation of the  
 URL: <https://mirror.ctan.org/info/asymptote-faq-zh-cn>  
 PKG-URL: <https://ctan.org/pkg/asymptote-faq-zh-cn>
  - *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://mirror.ctan.org/info/asymptote-manual-zh-cn>  
 PKG-URL: <https://ctan.org/pkg/asymptote-manual-zh-cn>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/automagic.tex>  
 PKG-URL: <https://ctan.org/pkg/automagic>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/autotoc.tex>  
 PKG-URL: <https://ctan.org/pkg/autotoc>
  - *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://mirror.ctan.org/macros/latex209/contrib/misc/balanced.sty>  
 PKG-URL: <https://ctan.org/pkg/balanced>
  - *The baum package. Trees, using PicTeX.* 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://mirror.ctan.org/macros/latex209/contrib/baum>  
 PKG-URL: <https://ctan.org/pkg/baum>
- Unknown. *The beamertheme-tcolorbox package. A beamer inner theme which reproduces standard beamer blocks using tcolorboxes.* 2022-09-14. Version 0.5. LICENSE: lppl1.3c. This package provides an inner theme for beamer 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://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-tcolorbox>  
 PKG-URL: <https://ctan.org/pkg/beamertheme-tcolorbox>
- *The bitstrea package. Support for use of Bitstream fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/psfonts/bitstrea>  
 PKG-URL: <https://ctan.org/pkg/bitstrea>
  - *The blackletter package. A blackletter font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/blackletter>  
 PKG-URL: <https://ctan.org/pkg/blackletter>
  - *The bmstu-iu8 package. A class for IU8 reports.* 2022-01-25. Version 1.2. LICENSE: mit  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bmstu-iu8>  
 PKG-URL: <https://ctan.org/pkg/bmstu-iu8>
  - *The book-examples package. A collection of examples from published TeX-related books.* 2016-06-24. LICENSE: collection

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- *The boxit package. Draw a box around a text.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/boxit.tex>  
 PKG-URL: <https://ctan.org/pkg/boxit>
  - *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template.* 2022-07-29. Version 1.4.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>  
 PKG-URL: <https://ctan.org/pkg/buctthesis>
  - *The cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2021-10-15. 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://mirror.ctan.org/macros/latex/contrib/cdcmd>  
 PKG-URL: <https://ctan.org/pkg/cdcmd>
  - *The chhaya package. Linguistic glossing in Marathi language.* 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>  
 PKG-URL: <https://ctan.org/pkg/chhaya>
  - *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting.* 2021-02-15. 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://mirror.ctan.org/macros/luatex/generic/chinese-jfm>  
 PKG-URL: <https://ctan.org/pkg/chinese-jfm>
  - *The cmastro package. Font for planetary symbols.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/cmastro>  
 PKG-URL: <https://ctan.org/pkg/cmastro>
  - Unknown. *The committee-font package. A font designed by a committee.* 2016-07-19. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/unsupported/committee>  
 PKG-URL: <https://ctan.org/pkg/committee-font>
  - *The csname-doc package. A list of plain.tex cs names.* 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/info/plain-doc/csname.txt>  
 PKG-URL: <https://ctan.org/pkg/csname-doc>
  - *The czhyph package. Hyphenation patterns for Czech.* 2019-06-21. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>  
 PKG-URL: <https://ctan.org/pkg/czhyph>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/datestamp>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>  
 PKG-URL: <https://ctan.org/pkg/deflist>

- *The defstring package. Define macros as verbatim macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>  
 PKG-URL: <https://ctan.org/pkg/defstring>
- *The devanagari-omega package. Typeset Devanagari with Omega.* 2016-06-18. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/language/devanagari/omega>  
 PKG-URL: <https://ctan.org/pkg/devanagari-omega>
- *The dmhgener package. Equation, figure (etc.) numbering and referencing.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>  
 PKG-URL: <https://ctan.org/pkg/dmhgener>
- *The doublecol package. Double-column page macros for Plain TeX.* 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth’s macros (separately), by an unknown hand.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>  
 PKG-URL: <https://ctan.org/pkg/doublecol>
- *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA).* 2022-05-06. Version 0.1. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/doulossil>  
 PKG-URL: <https://ctan.org/pkg/doulossil>
- *The dow package. Calculate day of week from a numeric date.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/dow.tex>  
 PKG-URL: <https://ctan.org/pkg/dow>
- *The dviconcat package. Concatenates DVI files.* 2016-06-18. LICENSE: other-free  
 URL: <https://mirror.ctan.org/dviware/dvibook/Dviconcat>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/systems/win32/util/dvpsh103.exe>  
 PKG-URL: <https://ctan.org/pkg/dvips-shell>
- *The eczar package. A font family supporting Devanagari and Latin script.* 2021-04-28. Version 0.1. LICENSE: ofl  
 URL: <https://mirror.ctan.org/fonts/eczar>  
 PKG-URL: <https://ctan.org/pkg/eczar>
- Unknown. *The EkType-Tanka package. Devanagari fonts by EkType.* 2022-05-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/fonts/ektype-tanka>  
 PKG-URL: <https://ctan.org/pkg/ektype-tanka>
- *The endnote package. Generic “endnotes” code.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/endnote.tex>  
 PKG-URL: <https://ctan.org/pkg/endnote>
- *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://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>  
 PKG-URL: <https://ctan.org/pkg/espo>
- *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>  
 PKG-URL: <https://ctan.org/pkg/fakebold>

- *The fnote package. Auto-numbered footnotes in Plain TeX.* 2016-06-18. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>  
 PKG-URL: <https://ctan.org/pkg/fnote>
- *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://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>  
 PKG-URL: <https://ctan.org/pkg/frenchquote>
- *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection  
 PKG-URL: <https://ctan.org/pkg/germdoc>
- *The hackalloc package. Make allocations local.* 2016-06-24. LICENSE: noinfo. The package makes allocation (, , etc.) local.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>  
 PKG-URL: <https://ctan.org/pkg/hackalloc>
- *The hep-gen package. Generic macros for quantum physics.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/hep.tex>  
 PKG-URL: <https://ctan.org/pkg/hep-gen>
- *The hereapplies package. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common.* 2022-09-13. Version 1.0.0. 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://mirror.ctan.org/macros/latex/contrib/hereapplies>  
 PKG-URL: <https://ctan.org/pkg/hereapplies>
- *The hge package. An “Old English” font.* 2022-04-06. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/hge>  
 PKG-URL: <https://ctan.org/pkg/hge>
- *The histyle package. A “HighStyle” environment for TeX.* 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/histyle>  
 PKG-URL: <https://ctan.org/pkg/histyle>
- Unknown. *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl  
 URL: <https://mirror.ctan.org/support/hp2xx>  
 PKG-URL: <https://ctan.org/pkg/hp2xx>
- *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>  
 PKG-URL: <https://ctan.org/pkg/indent>
- *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>  
 PKG-URL: <https://ctan.org/pkg/invertedparagraphs>
- *The isolatin1 package. An obsolete means to use ISO 8859-1 with TeX.* 2016-06-24. Version 0.9. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>  
 PKG-URL: <https://ctan.org/pkg/isolatin1>



- *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>  
 PKG-URL: <https://ctan.org/pkg/ist21>
- *The japanese-mathformulas package. Compiling basic math formulas in Japanese using LuaLaTeX.* 2022-10-07. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>  
 PKG-URL: <https://ctan.org/pkg/japanese-mathformulas>
- *The JavaBib package. A BibTeX file manager written in Java.* 2016-06-24. Version III. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>  
 PKG-URL: <https://ctan.org/pkg/javabib>
- *The jigsaw package. Draw jigsaw pieces with TikZ.* 2022-07-18. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>  
 PKG-URL: <https://ctan.org/pkg/jigsaw>
- *The karta package. Cartographic signs.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/karta>  
 PKG-URL: <https://ctan.org/pkg/karta>
- *The label-pln package. Print address labels in three columns.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>  
 PKG-URL: <https://ctan.org/pkg/label-pln>
- *The laps package. Zero-width boxes for annotations, etc.* 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain TeX:  
 URL: <https://mirror.ctan.org/macros/generic/misc/laps.tex>  
 PKG-URL: <https://ctan.org/pkg/laps>
- *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 of macros).  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>  
 PKG-URL: <https://ctan.org/pkg/letter-plain>
- *The letter1 package. Letter formatting macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/letter1>  
 PKG-URL: <https://ctan.org/pkg/letter1>
- Unknown. *The llncs209 package. Macros for Springer books.* 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>  
 PKG-URL: <https://ctan.org/pkg/llncs209>
- *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 L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>  
 PKG-URL: <https://ctan.org/pkg/longtocline>
- *The ltxmisc package. Miscellaneous L<sup>A</sup>T<sub>E</sub>X packages, etc.* 2016-06-18. LICENSE: collection  
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc>  
 PKG-URL: <https://ctan.org/pkg/ltxmisc>
- *The mandel package. Compute the Mandelbrot set.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>  
 PKG-URL: <https://ctan.org/pkg/mandel>

- *The maple package. Styles and examples for the MAPLE newsletter.* 2016-06-18. Version 1.8. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/maple>  
 PKG-URL: <https://ctan.org/pkg/maple>
- *The marathi package. Typeset Marathi language using Xe<sub>La</sub>TeX or Lua<sub>La</sub>TeX.* 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
 URL: <https://mirror.ctan.org/language/marathi>  
 PKG-URL: <https://ctan.org/pkg/marathi>
- *The mathtime-metrics package. MathTime AFM files.* 2016-06-18. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/mathtime>  
 PKG-URL: <https://ctan.org/pkg/mathtime-metrics>
- *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://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>  
 PKG-URL: <https://ctan.org/pkg/maybeload>
- *The memo-pln package. Plain TeX macros for memoranda.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>  
 PKG-URL: <https://ctan.org/pkg/memo-pln>
- *The mitpress package. Typeset documents for MIT Press.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/mitpress.sty>  
 PKG-URL: <https://ctan.org/pkg/mitpress>
- *The msx2msa package. Simulate msxm and msym fonts using msam and msbm.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/vf-files/msx2msa>  
 PKG-URL: <https://ctan.org/pkg/msx2msa>
- *The muling package. MA Thesis class for the Department of Linguistics, University of Mumbai.* 2022-01-21. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/muling>  
 PKG-URL: <https://ctan.org/pkg/muling>
- *The namunsrt package. An unsorted BibTeX style with labels provided in the database.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/namunsrt.bst>  
 PKG-URL: <https://ctan.org/pkg/namunsrt>
- Unknown. *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://mirror.ctan.org/macros/plain/contrib/misc/nofill.tex>  
 PKG-URL: <https://ctan.org/pkg/nofill>
- *The ntg package. Dutch TeX Users Group information.* 2016-06-18. LICENSE: other-free  
 URL: <https://mirror.ctan.org/usergrps/ntg>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/info/digests/nts-l>  
 PKG-URL: <https://ctan.org/pkg/nts-l>
- *The obsolete package. A tree holding obsolete software.* 2016-06-24. LICENSE: collection  
 URL: <https://mirror.ctan.org/obsolete>  
 PKG-URL: <https://ctan.org/pkg/obsolete>

- *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://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>  
PKG-URL: <https://ctan.org/pkg/ovalfbox>
- *The paragraphs package. Paragraph "tricks" macros.* 2016-06-24. LICENSE: noinfo  
URL: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>  
PKG-URL: <https://ctan.org/pkg/paragraphs>
- *The plainmisc package. Miscellaneous contributed macros for plain TeX.* 2016-06-18. LICENSE: collection  
URL: <https://mirror.ctan.org/macros/plain/contrib/misc>  
PKG-URL: <https://ctan.org/pkg/plainmisc>
- *The plcalendar package. Plain macros for making nice calendars.* 2016-06-18. LICENSE: noinfo  
URL: <https://mirror.ctan.org/macros/plain/contrib/calendar>  
PKG-URL: <https://ctan.org/pkg/plcalendar>
- *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 .  
  
PKG-URL: <https://ctan.org/pkg/plfonts>
- *The printbib package. Print the contents of a bibliography.* 2016-06-24. LICENSE: noinfo  
URL: <https://mirror.ctan.org/biblio/bibtex/utis/printbib>  
PKG-URL: <https://ctan.org/pkg/printbib>
- *The psfonts package. PostScript fonts for use with TeX and L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: collection  
URL: <https://mirror.ctan.org/fonts/psfonts>  
PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>  
PKG-URL: <https://ctan.org/pkg/psnfssx-8r>
- *The qms package. VMS tools for controlling QMS printers.* 2016-06-18. LICENSE: noinfo  
URL: <https://mirror.ctan.org/dviware/qms>  
PKG-URL: <https://ctan.org/pkg/qms>
- Unknown. *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://mirror.ctan.org/macros/generic/misc/quotation.tex>  
PKG-URL: <https://ctan.org/pkg/quotation>
- *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://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>  
PKG-URL: <https://ctan.org/pkg/redefine>
- *The rotate package. Rotate TeX boxes.* 2016-06-24. LICENSE: noinfo  
URL: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>  
PKG-URL: <https://ctan.org/pkg/rotate>

- *The samples package. Samples of Plain TeX coding.* 2016-06-24. LICENSE: collection  
 URL: <https://mirror.ctan.org/macros/plain/contrib/samples>  
 PKG-URL: <https://ctan.org/pkg/samples>
- *The sc21 package. Title page for the old ISO TC97/SC21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>  
 PKG-URL: <https://ctan.org/pkg/sc21>
- *The sc21-wg1 package. Title page for the old ISO TC97/SC21/WG1 working group.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>  
 PKG-URL: <https://ctan.org/pkg/sc21-wg1>
- *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://mirror.ctan.org/dviware/screenview/vms/screen.sty>  
 PKG-URL: <https://ctan.org/pkg/screen>
- *The sentences package. Numbered lists for sentences.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>  
 PKG-URL: <https://ctan.org/pkg/sentences>
- *The sfwmac package. A set of definitions for Unix system documentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>  
 PKG-URL: <https://ctan.org/pkg/sfwmac>
- *The sshdbk10 package. Sans headers in book style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>  
 PKG-URL: <https://ctan.org/pkg/sshdbk10>
- *The tabbingbox package. Save a tabbing environment in a box.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>  
 PKG-URL: <https://ctan.org/pkg/tabbingbox>
- *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://mirror.ctan.org/graphics/texcad32>  
 PKG-URL: <https://ctan.org/pkg/texcad32>
- Unknown. *The Texhax package. Digests of a general TeX mailing list.* 2021-08-26. LICENSE: pd  
 URL: <https://mirror.ctan.org/info/digests/texhax>  
 PKG-URL: <https://ctan.org/pkg/texhax>
- *The texindex package. Simple indexing using standard Unix commands.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/indexing/texindex>  
 PKG-URL: <https://ctan.org/pkg/texindex>
- *The tgrind209 package. Support tgrind in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L<sup>A</sup>T<sub>E</sub>X 2.09.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>  
 PKG-URL: <https://ctan.org/pkg/tgrind209>
- *The thirteen package. Print dates of Friday 13th days.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>  
 PKG-URL: <https://ctan.org/pkg/thirteen>

- *The threecol package. Three-column newsletter output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>  
 PKG-URL: <https://ctan.org/pkg/threecol>
- *The tikz-bbox package. Precise determination of bounding boxes in TikZ.* 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>  
 PKG-URL: <https://ctan.org/pkg/tikz-bbox>
- *The tikz-ext package. A collection of libraries for PGF/TikZ.* 2022-09-24. Version 0.3. LICENSE: fdl,lppl  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>  
 PKG-URL: <https://ctan.org/pkg/tikz-ext>
- *The TikZbricks package. Drawing bricks with TikZ.* 2019-09-02. Version 0.4. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>  
 PKG-URL: <https://ctan.org/pkg/tikzbricks>
- *The TikZducks package. A little fun package for using rubber ducks in TikZ.* 2020-06-30. Version 1.5. LICENSE: lppl1.3c. The package is a L<sup>A</sup>T<sub>E</sub>X package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>  
 PKG-URL: <https://ctan.org/pkg/tikzducks>
- *The TikZlings package. A collection of cute little animals and similar creatures.* 2022-06-17. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzlings>  
 PKG-URL: <https://ctan.org/pkg/tikzlings>
- *The TikZmarmots package. Drawing little marmots in TikZ.* 2019-09-02. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/support/tikztosvg>  
 PKG-URL: <https://ctan.org/pkg/tikztosvg>
- *The timeline package. Typeset time-lines, for planning, etc.* 2016-06-24. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/timeline>  
 PKG-URL: <https://ctan.org/pkg/timeline>
- Unknown. *The tipauni package. Producing Unicode characters with TIPA commands.* 2022-02-21. Version 0.6. LICENSE: gpl3+,fdl  
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>  
 PKG-URL: <https://ctan.org/pkg/tipauni>
- *The toc package. Table of contents macros for Plain TeX.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>  
 PKG-URL: <https://ctan.org/pkg/toc>
- *The trademarks package. A collection of trademarks and the like.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>  
 PKG-URL: <https://ctan.org/pkg/trademarks>
- *The twoside package. Two-side typesetting in Plain TeX.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>  
 PKG-URL: <https://ctan.org/pkg/twoside>

- *The UK-TeX package. The UK TeX digest.* 2016-06-24. LICENSE: pd  
 URL: <https://mirror.ctan.org/info/digests/uktex>  
 PKG-URL: <https://ctan.org/pkg/uktex>
- *The undertilde-gen package. A simple macro for placing a tilde under a character.* 2020-04-11. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>  
 PKG-URL: <https://ctan.org/pkg/undertilde-gen>
- *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://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>  
 PKG-URL: <https://ctan.org/pkg/unfinished>
- *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://mirror.ctan.org/macros/unicodetex/latex/unisc>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>  
 PKG-URL: <https://ctan.org/pkg/unitipa>
- *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>  
 PKG-URL: <https://ctan.org/pkg/util-half>
- *The verbatim-pln package. Define new verbatim "environments" in Plain TeX.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>  
 PKG-URL: <https://ctan.org/pkg/verbatim-pln>
- Unknown. *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://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>  
 PKG-URL: <https://ctan.org/pkg/web9pt>
- *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>  
 PKG-URL: <https://ctan.org/pkg/webmacss>
- *The winemtex package. EmTeX for windows.* 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with TeX.  
 PKG-URL: <https://ctan.org/pkg/winemtex>

- *The wntamil package. Tamil to TeX converter.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://mirror.ctan.org/language/tamil/wntamil>  
 PKG-URL: <https://ctan.org/pkg/wntamil>
- *The wright package. Define commands with optional arguments.* 2016-06-24. 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>X 2e, and with a slightly different syntax.)  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/wright>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex209/contrib/xarticle>  
 PKG-URL: <https://ctan.org/pkg/xarticle>
- *The xcmr package. A crossed-out version of Computer Modern.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/fonts/cm/xcmr/xcmr12.mf>  
 PKG-URL: <https://ctan.org/pkg/xcmr>
- *The xduts package. Xidian University TeX Suite.* 2022-08-15. Version 2.12.2.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/xetex/latex/xduts>  
 PKG-URL: <https://ctan.org/pkg/xduts>
- *The zaccone package. Different configuration for different captions.* 2016-06-24. LICENSE: noinfo  
 URL: <https://mirror.ctan.org/macros/latex209/contrib/zaccone>  
 PKG-URL: <https://ctan.org/pkg/zaccone>
- *The zitie package. Create CJK character calligraphy practicing sheets.* 2021-10-04. Version 1.4.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/xetex/latex/zitie>  
 PKG-URL: <https://ctan.org/pkg/zitie>
- Urban, Michael. *The engwar package. Font for typesetting Tolkien Engwar script.* 2019-06-21. LICENSE: nosell  
 URL: <https://mirror.ctan.org/fonts/engwar>  
 PKG-URL: <https://ctan.org/pkg/engwar>
- *The tengwar package. Font to set Tolkien’s Tengwar script.* 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
 URL: <https://mirror.ctan.org/fonts/tengwar>  
 PKG-URL: <https://ctan.org/pkg/tengwar>
- URW GmbH. *The urw package. URW free font support.* 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X 2e, for available URW fonts. Fonts provided are: – ; – ; – ; – ; – ; and – .  
 URL: <https://mirror.ctan.org/fonts/urw>  
 PKG-URL: <https://ctan.org/pkg/urw>
- URW GmbH, Primoz Peterlin, and Walter A. Schmidt. *The URW-base35 package. URW ‘Base 35’ font pack for L<sup>A</sup>T<sub>E</sub>X.* 2021-12-07. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/urw/base35>  
 PKG-URL: <https://ctan.org/pkg/urw-base35>
- URW GmbH, Walter A. Schmidt, and Keiran Harcombe. *The lettergothic package. The Adobe Type 1 font family Letter GothicType.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/fonts/urw/lettergothic>  
 PKG-URL: <https://ctan.org/pkg/lettergothic>
- *The urw-antiqua package. URW Antiqua condensed font, for use with TeX.* 2021-12-07. Version 001.003. LICENSE: gpl

- URL: <https://mirror.ctan.org/fonts/urw/antiqua>  
 PKG-URL: <https://ctan.org/pkg/urw-antiqua>
- *The urw-arial package. URW Arial font pack for use with L<sup>A</sup>T<sub>E</sub>X.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://mirror.ctan.org/fonts/urw/arial>  
 PKG-URL: <https://ctan.org/pkg/urw-arial>
  - *The URW-Grotesq package. URW Grotesq font pack for L<sup>A</sup>T<sub>E</sub>X.* 2021-12-07. LICENSE: gpl  
 URL: <https://mirror.ctan.org/fonts/urw/grotesq>  
 PKG-URL: <https://ctan.org/pkg/urw-grotesq>
- user202729. *The cprotectinside package. Use cprotect arbitrarily nested.* 2022-06-27. Version 0.0.0. LICENSE: lppl1.3c. This package extends the package to allow users to use verbatim-like commands inside arbitrary parameters.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/cprotectinside>  
 PKG-URL: <https://ctan.org/pkg/cprotectinside>
- *The precattl package. Prepare special catcodes from token list.* 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/precattl>  
 PKG-URL: <https://ctan.org/pkg/precattl>
  - *The prettytok package. Pretty-print token lists.* 2022-07-08. Version 0.0.1. LICENSE: lppl1.3c. Pretty-print token lists to HTML file for debugging purposes. Open the file in any browser to view the result. Can be used to replace .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/prettytok>  
 PKG-URL: <https://ctan.org/pkg/prettytok>
  - *The rescansync package. Re-scan tokens with syncTeX information.* 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/rescansync>  
 PKG-URL: <https://ctan.org/pkg/rescansync>
  - *The saveenv package. Save environment content verbatim.* 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c. This package provides tools to create your own verbatim environments, and works for all values of .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/saveenv>  
 PKG-URL: <https://ctan.org/pkg/saveenv>
- Utcke, Sven. *The ut-backref package. Modified backref.* 2016-06-24. Version 1.2. LICENSE: noinfo. A patched version of which adds a list of where the reference was cited, to each bibliography entry.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/ut-backref.sty>  
 PKG-URL: <https://ctan.org/pkg/ut-backref>
- Vabishchevich, Petr. *The LaTeXMng package. An integrated development environment for Windows.* 2016-06-24. Version 2.0. LICENSE: shareware  
 URL: <https://mirror.ctan.org/systems/win32/latexmng>  
 PKG-URL: <https://ctan.org/pkg/latexmng>
- *The MPedit package. MetaPost text editor for Win32.* 2016-06-24. LICENSE: other-free  
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/tools/MPedit>  
 PKG-URL: <https://ctan.org/pkg/mpedit>
- Väisänen, Hannu. *The koma-script-sfs package. Koma-script letter class option for Finnish.* 2016-06-24. Version 1.0. LICENSE: lppl. A parameter set for letters on A4 paper, complying with Finnish standards SFS 2486, 2487 and 2488; suitable for window envelopes with window on the left side in the sizes C5, C65, E5 and E65 (although, because the address window is smaller, for sizes E5 and E65 the address may not fit within the window, but ordinary 3-line address should fit).



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 PKG-URL: <https://ctan.org/pkg/koma-script-sfs>
- Vajakas, Jaan and Enn Saar. *The babel-estonian package. Babel support for Estonian*. 2016-06-24. Version 1.1a. LICENSE: lpl1.3. The package provides the language definition file for support of Estonian in . Some shortcuts are defined, as well as translations to Estonian of standard “LaTeX names”.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/estonian>  
 PKG-URL: <https://ctan.org/pkg/babel-estonian>
- Valbusa, Ivan. *The beamer-verona package. A theme for the beamer class*. 2016-06-24. Version 0.2. LICENSE: lpl1.3. This package provides the ‘Verona’ theme for the class by Till Tantau.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer-verona>  
 PKG-URL: <https://ctan.org/pkg/beamer-verona>
- *The biblatex-philosophy package. Styles for using BibLaTeX for work in philosophy*. 2022-09-16. Version 1.9.8g. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-philosophy>  
 PKG-URL: <https://ctan.org/pkg/biblatex-philosophy>
- *The fontsize package. A small package to set arbitrary sizes for the main font of the document*. 2021-08-04. Version 0.8.5. LICENSE: lpl1.3. The package allows you to set arbitrary sizes for the main font of the document, through the option.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fontsize>  
 PKG-URL: <https://ctan.org/pkg/fontsize>
- *The suftesi package. A document class for typesetting theses, books and articles*. 2021-11-01. Version 3.2.0. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/suftesi>  
 PKG-URL: <https://ctan.org/pkg/suftesi>
- Välimäki, Tuomas. *The glossaries-finnish package. Finnish language module for glossaries package*. 2019-05-24. Version 1.0. LICENSE: lpl1.3. Finnish language module for package.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-finnish>  
 PKG-URL: <https://ctan.org/pkg/glossaries-finnish>
- Välimäki, Tuomas and Nicola Talbot. *The datettime2-finnish package. Finnish language module for the datettime2 package*. 2018-03-21. Version 1.2. LICENSE: lpl1.3. This module provides the “finnish” style that can be set using provided by .  
 URL: <https://mirror.ctan.org/macros/latex/contrib/datettime2-contrib/datettime2-finnish>  
 PKG-URL: <https://ctan.org/pkg/datettime2-finnish>
- Valmary, Cédric. *The babel-occitan package. Babel support for Occitan*. 2016-06-24. Version 0.2. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/occitan>  
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 PKG-URL: <https://ctan.org/pkg/nbaskerv>
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 PKG-URL: <https://ctan.org/pkg/biblatex-spbasic>
- *The ctan-bibdata package. Bibliography data for all CTAN packages.* 2022-10-08. Version 0.01. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/biblio/ctan-bibdata>  
 PKG-URL: <https://ctan.org/pkg/ctan-bibdata>
- *The dejavu-otf package. Support for the ttf and otf DejaVu fonts.* 2019-06-09. Version 0.04. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/dejavu-otf>  
 PKG-URL: <https://ctan.org/pkg/dejavu-otf>
  - *The einfuehrung package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/examples/Einfuehrung>  
 PKG-URL: <https://ctan.org/pkg/einfuehrung>
  - *The einfuehrung2 package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/examples/Einfuehrung2>  
 PKG-URL: <https://ctan.org/pkg/einfuehrung2>
  - *The fbox package. Extended \fbox macro from standard L<sup>A</sup>T<sub>E</sub>X.* 2022-02-20. Version 0.06. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/fbox>  
 PKG-URL: <https://ctan.org/pkg/fbox>
  - *The firamath-otf package. Use OpenType math font Fira Math.* 2019-06-09. Version 0.02a. LICENSE: lppl1.3.  
 The package offers XeTeX/LuaTeX support for the .  
 URL: <https://mirror.ctan.org/fonts/firamath-otf>  
 PKG-URL: <https://ctan.org/pkg/firamath-otf>
  - *The hvarabic package. Macros for RTL typesetting.* 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>  
 PKG-URL: <https://ctan.org/pkg/hvarabic>
  - *The hvextern package. Write and execute external code, and insert the output.* 2022-06-24. Version 0.32.  
 LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hvextern>  
 PKG-URL: <https://ctan.org/pkg/hvextern>
  - *The hvfloat package. Controlling captions, fullpage and doublepage floats.* 2022-10-02. Version 2.42.  
 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://mirror.ctan.org/macros/latex/contrib/hvfloat>  
 PKG-URL: <https://ctan.org/pkg/hvfloat>
  - *The hvindex package. Support for indexing.* 2022-01-25. Version 0.04. 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://mirror.ctan.org/macros/latex/contrib/hvindex>  
 PKG-URL: <https://ctan.org/pkg/hvindex>
  - Voß, Herbert. *The hvlogos package. Print TeX-related names as logo.* 2022-05-08. Version 0.09. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/hvpygmentex>  
 PKG-URL: <https://ctan.org/pkg/hvpygmentex>



- *The hvqrurl package. Insert a QR code in the margin.* 2021-05-18. Version 0.02. 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://mirror.ctan.org/macros/latex/contrib/hvqrurl>  
 PKG-URL: <https://ctan.org/pkg/hvqrurl>
- *The isopt package. Writing a TeX length with a space between number and unit.* 2018-01-07. Version 0.01. LICENSE: lppl. Writing a TeX 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://mirror.ctan.org/macros/latex/contrib/isopt>  
 PKG-URL: <https://ctan.org/pkg/isopt>
- *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://mirror.ctan.org/info/examples/LaTeX-Bib>  
 PKG-URL: <https://ctan.org/pkg/latex-bib-ex>
- *The latex-bib2-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://mirror.ctan.org/info/examples/LaTeX-Bib2>  
 PKG-URL: <https://ctan.org/pkg/latex-bib2-ex>
- *The LaTeX-Referenz package. Examples from the book "LaTeX Referenz".* 2020-06-07. Version 2. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>  
 PKG-URL: <https://ctan.org/pkg/latex-referenz>
- *The latex-tabellen package. LaTeX Tabellen.* 2020-06-07. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/examples/Tabellen2>  
 PKG-URL: <https://ctan.org/pkg/latex-tabellen>
- *The libertinus package. Wrapper to use the correct libertinus package according to the used TeX engine.* 2021-06-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/libertinus>  
 PKG-URL: <https://ctan.org/pkg/libertinus>
- *The libertinus-otf package. Support for Libertinus OpenType.* 2021-07-23. Version 0.29. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/libertinus-otf>  
 PKG-URL: <https://ctan.org/pkg/libertinus-otf>
- *The luafindfont package. Search fonts in the LuaTeX font database.* 2022-09-02. Version 0.10. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/support/luafindfont>  
 PKG-URL: <https://ctan.org/pkg/luafindfont>
- *The luaintro package. Examples from the book "Einführung in LuaTeX und LuaLaTeX".* 2019-06-09. Version 0.03. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/info/examples/luaintro>  
 PKG-URL: <https://ctan.org/pkg/luaintro>
- Voß, Herbert. *The luarandom package. Create lists of random numbers.* 2019-06-09. Version 0.01. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/luarandom>  
 PKG-URL: <https://ctan.org/pkg/luarandom>
- *The lucida-otf package. Support for the Lucida Bright fonts (OpenType).* 2021-09-11. Version 0.08. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/lucida-otf>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/info/examples/Math-E>  
 PKG-URL: <https://ctan.org/pkg/math-e>
- *The mathesatz-examples package. Examples from the book "Mathematiksatz mit L<sup>A</sup>T<sub>E</sub>X".* 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/examples/Math>  
 PKG-URL: <https://ctan.org/pkg/mathesatz-examples>
- *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts.* 2019-06-21. Version 0.02. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>  
 PKG-URL: <https://ctan.org/pkg/nexus-otf>
- *The plex-otf package. Support for the OpenType font IBM Plex.* 2018-04-13. Version 0.07a. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/fonts/plex-otf>  
 PKG-URL: <https://ctan.org/pkg/plex-otf>
- *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin.* 2019-11-26. Version 0.02a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>  
 PKG-URL: <https://ctan.org/pkg/powerdot-fuberlin>
- *The presentations package. Examples from the book Presentationen mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)  
 PKG-URL: <https://ctan.org/pkg/presentations>
- *The presentations-en package. Examples from the book Presentations with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)  
 PKG-URL: <https://ctan.org/pkg/presentations-en>
- *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks.* 2022-01-14. Version 2.07a. 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 TeX/LaTeX, without the need for external tools.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>  
 PKG-URL: <https://ctan.org/pkg/pst-arrow>
- Voß, Herbert. *The pst-calculate package. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level.* 2019-06-09. Version 0.02. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>  
 PKG-URL: <https://ctan.org/pkg/pst-calculate>

- *The pst-dart package. Plotting dart boards.* 2021-09-11. Version 0.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>  
 PKG-URL: <https://ctan.org/pkg/pst-exa>
- *The pst-feyn package. Draw graphical elements for Feynman diagrams.* 2018-09-29. Version 0.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>  
 PKG-URL: <https://ctan.org/pkg/pst-feyn>
- *The pst-fp package. Fixed-point arithmetic in PSTricks.* 2016-06-24. Version 0.05. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>  
 PKG-URL: <https://ctan.org/pkg/pst-fp>
- *The pst-fractal package. Draw fractal sets using PSTricks.* 2020-03-16. Version 0.11a. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>  
 PKG-URL: <https://ctan.org/pkg/pst-fractal>
- *The pst-func package. PSTricks package for plotting mathematical functions.* 2021-11-03. Version 0.99. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>  
 PKG-URL: <https://ctan.org/pkg/pst-func>
- *The pst-graphicx package. A PSTricks-compatible graphicx 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://mirror.ctan.org/graphics/pstricks/contrib/pst-graphicx>  
 PKG-URL: <https://ctan.org/pkg/pst-graphicx>
- *The pst-hsb package. Curves with continuous colours.* 2021-12-18. Version 0.02. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>  
 PKG-URL: <https://ctan.org/pkg/pst-hsb>
- *The pst-knot package. PSTricks package for displaying knots.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>  
 PKG-URL: <https://ctan.org/pkg/pst-knot>
- *The pst-lsystem package. Create images based on a L-system.* 2018-12-31. Version 0.02. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>  
 PKG-URL: <https://ctan.org/pkg/pst-lsystem>
- *The pst-poker package. Drawing poker cards.* 2020-01-21. Version 0.03a. LICENSE: lgpl3. This related package can create poker cards in various manners.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>  
 PKG-URL: <https://ctan.org/pkg/pst-poker>
- Voß, Herbert. *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://mirror.ctan.org/graphics/pstricks/pst-support>  
 PKG-URL: <https://ctan.org/pkg/pst-support>

- *The pst-tools package. PSTricks support functions.* 2021-09-24. Version 0.12. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>  
 PKG-URL: <https://ctan.org/pkg/pst-tools>
- *The pst-turtle package. Commands for “turtle operations”.* 2019-10-05. Version 0.02. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>  
 PKG-URL: <https://ctan.org/pkg/pst-turtle>
- *The pst-venn package. A PSTricks package for drawing Venn sets.* 2018-12-06. Version 0.01. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>  
 PKG-URL: <https://ctan.org/pkg/pst-venn>
- *The pstricks-examples package. PSTricks examples.* 2016-06-24. LICENSE: lppl  
 URL: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)  
 PKG-URL: <https://ctan.org/pkg/pstricks-examples>
- *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://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)  
 PKG-URL: <https://ctan.org/pkg/pstricks-examples-7>
- *The pstricks-examples-en package. Examples from PSTricks book (English edition).* 2016-06-24. LICENSE: lppl1.3  
 URL: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)  
 PKG-URL: <https://ctan.org/pkg/pstricks-examples-en>
- *The spark-otf package. Support OpenType Spark fonts.* 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 URL: <https://mirror.ctan.org/fonts/spark-otf>  
 PKG-URL: <https://ctan.org/pkg/spark-otf>
- *The tabulars-e package. Examples from the book “Typesetting tables with L<sup>A</sup>T<sub>E</sub>X”.* 2020-06-07. Version 1.0. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/examples/tabulars-e>  
 PKG-URL: <https://ctan.org/pkg/tabulars-e>
- *The unitconv package. Convert a length into one with another unit.* 2020-05-13. Version 0.01. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/luatex/latex/unitconv>  
 PKG-URL: <https://ctan.org/pkg/unitconv>
- *The voss-mathcol package. Typesetting mathematics in colour, in (La)T<sub>E</sub>X.* 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://mirror.ctan.org/info/math/voss/mathCol>  
 PKG-URL: <https://ctan.org/pkg/voss-mathcol>
- *The voss-mathmode package. A comprehensive review of mathematics in (La)T<sub>E</sub>X.* 2018-01-06. Version 2.47. LICENSE: lppl  
 URL: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>  
 PKG-URL: <https://ctan.org/pkg/voss-mathmode>
- Voß, Herbert. *The xfakebold package. Fake a regular font for bold characters.* 2020-06-24. Version 0.08. LICENSE: lppl1.3c  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/xhfill>  
 PKG-URL: <https://ctan.org/pkg/xhfill>
- *The xindex package. Unicode compatible index generation.* 2022-09-20. Version 0.45. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/indexing/xindex>  
 PKG-URL: <https://ctan.org/pkg/xindex>
  - *The xurl package. Allow URL breaks at any alphanumerical character.* 2022-01-09. Version 0.10. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xurl>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>  
 PKG-URL: <https://ctan.org/pkg/pst-tree>
- *The pstricks-base package. PostScript macros for TeX.* 2022-09-11. Version 3.16. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/graphics/pstricks/base>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/dantelogo>  
 PKG-URL: <https://ctan.org/pkg/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits.* 2021-09-10. Version 2.19. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>  
 PKG-URL: <https://ctan.org/pkg/pst-antiprism>
- *The pst-shell package. Plotting sea shells.* 2020-07-29. Version 0.03. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>  
 PKG-URL: <https://ctan.org/pkg/pst-shell>
- Voß, Herbert and Manuel Luque. *The pst-spinner package. Drawing a fidget spinner.* 2021-08-26. Version 1.02. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>  
 PKG-URL: <https://ctan.org/pkg/pst-spinner>
- Voß, Herbert and Rolf Niepraschk. *The dtk package. Document class for the journal of DANTE.* 2022-04-29. Version 2.08m. LICENSE: lppl1.3c

- URL: <https://mirror.ctan.org/usergrps/dante/dtk>  
 PKG-URL: <https://ctan.org/pkg/dtk>
- *The xltabular package. Longtable support with possible X-column specifier.* 2020-11-04. Version 0.2e. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/xltabular>  
 PKG-URL: <https://ctan.org/pkg/xltabular>
  - Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks.* 2021-12-25. Version 3.92. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>  
 PKG-URL: <https://ctan.org/pkg/pstricks-add>
  - Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc.* 2022-04-06. Version 1.07. LICENSE: lppl. Pst-coil is a based package for coils and zigzags and for coil and zigzag node connections.  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>  
 PKG-URL: <https://ctan.org/pkg/pst-eps>
  - *The pst-grad package. Filling with colour gradients, using PSTricks.* 2016-06-24. Version 1.06. LICENSE: lppl  
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-text>  
 PKG-URL: <https://ctan.org/pkg/pst-text>
  - Voß, Jakob. *The acroterm package. Manage and index acronyms and terms.* 2021-08-26. Version 0.1. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/acroterm>  
 PKG-URL: <https://ctan.org/pkg/acroterm>
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 PKG-URL: <https://ctan.org/pkg/advdate>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>  
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 PKG-URL: <https://ctan.org/pkg/fillform>
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 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/fonts/ocr-b-outline>  
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 URL: <https://mirror.ctan.org/macros/xetex/generic/xevelna>  
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 PKG-URL: <https://ctan.org/pkg/comp-fonts-faq>
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- original.  
 URL: <https://mirror.ctan.org/fonts/utilities/pkbbox>  
 PKG-URL: <https://ctan.org/pkg/pkbbox>
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 URL: <https://mirror.ctan.org/support/tex-it>  
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 URL: <https://mirror.ctan.org/support/abc2mtex>  
 PKG-URL: <https://ctan.org/pkg/abc2mtex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/snaptodo>  
 PKG-URL: <https://ctan.org/pkg/snaptodo>
- Wang, Junwei. *ThebeamerthemeNord package. A simple beamer theme using the "Nord" color theme.* 2020-08-24. Version 0.2.0. LICENSE: lppl1.3c. This package provides a simple beamer theme using the color theme.  
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemenord>  
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 PKG-URL: <https://ctan.org/pkg/latex-essential>
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 PKG-URL: <https://ctan.org/pkg/program>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bibleref-german>  
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 URL: <https://mirror.ctan.org/support/konwerter>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/notes>  
 PKG-URL: <https://ctan.org/pkg/notes>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/leipzig>  
 PKG-URL: <https://ctan.org/pkg/leipzig>
- *The textglos package. Typeset and index linguistic gloss abbreviations*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/textglos>  
 PKG-URL: <https://ctan.org/pkg/textglos>
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 PKG-URL: <https://ctan.org/pkg/web2c>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/srdp-mathematik>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/harmony>  
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- Weh, Tobias. *The biblatex-musuos package. A BibLaTeX style for citations in musuos.cls*. 2016-06-24. Version 1.0. LICENSE: lpl. The style is designed for use with the class, but it should be usable with other classes, too.  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/metrix>  
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- Wehr, Keno. *The beuron package. The script of the Beuronese art school*. 2018-01-18. Version 1.3. LICENSE: lpl1.3  
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- *The pgf-interference package. Drawing interference patterns with PGF/TikZ*. 2022-01-25. Version 0.1. LICENSE: lpl1.3. This L<sup>A</sup>T<sub>E</sub>X package makes it possible to simulate interference patterns occurring on a screen if monochromatic light is diffracted at regular structures of slits. It makes use of the graphics package.  
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-interference>  
 PKG-URL: <https://ctan.org/pkg/pgf-interference>
  - *The phonenumbers package. Typesetting telephone numbers with L<sup>A</sup>T<sub>E</sub>X*. 2022-07-01. Version 2.5. LICENSE: lpl1.3  
 URL: <https://mirror.ctan.org/macros/latex/contrib/phonenumbers>  
 PKG-URL: <https://ctan.org/pkg/phonenumbers>
  - *The schulmathematik package. Commands and document classes for German-speaking teachers of mathematics and physics*. 2022-08-12. Version 1.3. LICENSE: lpl1.3  
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 URL: <https://mirror.ctan.org/systems/win32/texhelpers/labelmag>  
 PKG-URL: <https://ctan.org/pkg/labelmag>
  - *The latexwizard package. Create the header of a L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. Version 1.0 beta 4. LICENSE: noinfo  
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 PKG-URL: <https://ctan.org/pkg/blencoding>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chbibref>  
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 URL: <https://mirror.ctan.org/fonts/archaic/cypriot>  
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 PKG-URL: <https://ctan.org/pkg/greek4cbc>
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 URL: <https://mirror.ctan.org/fonts/archaic/greek6cbc>  
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 URL: <https://mirror.ctan.org/fonts/archaic/hieroglf>  
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 URL: <https://mirror.ctan.org/fonts/bookhands/huncial>  
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 URL: <https://mirror.ctan.org/fonts/bookhands/inslrmin>  
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 PKG-URL: <https://ctan.org/pkg/create-theorem>
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 PKG-URL: <https://ctan.org/pkg/crefthe>
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 PKG-URL: <https://ctan.org/pkg/einfart>
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 PKG-URL: <https://ctan.org/pkg/mindflow>
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 PKG-URL: <https://ctan.org/pkg/minimalist>
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 PKG-URL: <https://ctan.org/pkg/chemobabel>
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 URL: <https://mirror.ctan.org/language/japanese/endnotesj>  
 PKG-URL: <https://ctan.org/pkg/endnotesj>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/gentombow>  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>  
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 PKG-URL: <https://ctan.org/pkg/pxtatescale>
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- *The HITSZThesis package. A dissertation template for Harbin Institute of Technology, ShenZhen.* 2021-11-16. Version 3.2.1. LICENSE: lpl1.3c  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/edichokey>  
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 PKG-URL: <https://ctan.org/pkg/javascript-texed>
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 PKG-URL: <https://ctan.org/pkg/bxbase>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>  
 PKG-URL: <https://ctan.org/pkg/bxcalc>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxcjkjatype>  
 PKG-URL: <https://ctan.org/pkg/bxcjkjatype>
  - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer*. 2016-12-18. Version 0.3. LICENSE: mit  
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 PKG-URL: <https://ctan.org/pkg/bxdpx-beamer>
  - *The bxdvidriver package. Enables specifying a driver option effective only in DVI output*. 2022-07-31. Version 0.2a. LICENSE: mit  
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bxeepic>  
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 PKG-URL: <https://ctan.org/pkg/bxenclose>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>  
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxjaprind>  
 PKG-URL: <https://ctan.org/pkg/bxjaprind>



- *The bxjatoucs package. Convert Japanese character code to Unicode.* 2019-10-24. Version 0.2. LICENSE: mit  
 URL: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>  
 PKG-URL: <https://ctan.org/pkg/bxjatoucs>
- *The BXjcls package. Japanese document class collection for all major engines.* 2022-04-12. Version 2.7a. 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://mirror.ctan.org/language/japanese/BX/bxjcls>  
 PKG-URL: <https://ctan.org/pkg/bxjcls>
- *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://mirror.ctan.org/macros/latex/contrib/bxnewfont>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/macros/latex/contrib/bxorigcapt>  
 PKG-URL: <https://ctan.org/pkg/bxorigcapt>
- *The bxpapersize package. Synchronize output paper size with layout paper size.* 2022-04-29. Version 0.6. LICENSE: mit  
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>  
 PKG-URL: <https://ctan.org/pkg/bxpapersize>
- *The bxpdfver package. Specify version and compression level of output PDF files.* 2022-04-30. Version 0.6. LICENSE: mit  
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 PKG-URL: <https://ctan.org/pkg/bxpdfver>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxwareki>  
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- *The ifptex package. Check if the engine is pTeX or one of its derivatives.* 2022-04-08. Version 2.2. LICENSE: mit. The package is a counterpart of , , etc. for the engine. The package is an alias to provided for backward compatibility.  
 URL: <https://mirror.ctan.org/macros/generic/ifptex>  
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- *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 . The functions currently available include:  
URL: <https://mirror.ctan.org/fonts/utilities/jfmutil>  
PKG-URL: <https://ctan.org/pkg/jfmutil>
- *The pxbase package. Tools for use with (u)pLaTeX.* 2022-07-31. Version 1.3. 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 .  
URL: <https://mirror.ctan.org/macros/jptex/latex/pxbase>  
PKG-URL: <https://ctan.org/pkg/pxbase>
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URL: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>  
PKG-URL: <https://ctan.org/pkg/pxchfon>
- *The pxcjkcat package. LaTeX interface for the CJK category codes of upTeX.* 2022-07-20. Version 1.4. LICENSE: mit  
URL: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>  
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URL: <https://mirror.ctan.org/macros/jptex/latex/pxjahyper>  
PKG-URL: <https://ctan.org/pkg/pxjahyper>
- *The pxjodel package. Help change metrics of fonts from japanese-otf.* 2022-07-31. Version 0.3. LICENSE: mit  
URL: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>  
PKG-URL: <https://ctan.org/pkg/pxjodel>
- *The pxpgfmark package. e-pTeX driver for PGF inter-picture connections.* 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>  
PKG-URL: <https://ctan.org/pkg/pxpgfmark>
- *The pxrubrica package. Ruby annotations according to JIS X 4051.* 2022-07-31. Version 1.3d. LICENSE: mit  
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PKG-URL: <https://ctan.org/pkg/pxrubrica>
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URL: <https://mirror.ctan.org/support/glosstex>  
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 PKG-URL: <https://ctan.org/pkg/elzcards>
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 PKG-URL: <https://ctan.org/pkg/colortab>
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 URL: <https://mirror.ctan.org/macros/generic/frame>  
 PKG-URL: <https://ctan.org/pkg/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://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>  
PKG-URL: <https://ctan.org/pkg/pst-3d>
  - *The pst-ovl package. Create and manage graphical overlays.* 2020-05-01. Version 0.07b. LICENSE: lppl  
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PKG-URL: <https://ctan.org/pkg/pst-ovl>
  - *The pst-plot package. Plot data using PSTricks.* 2022-01-25. Version 1.93. 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://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>  
PKG-URL: <https://ctan.org/pkg/pst-plot>
  - *The pst-tvz package. Draw trees with more than one root node, using PSTricks.* 2016-06-24. Version 1.01. 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.  
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 URL: <https://mirror.ctan.org/fonts/fouriernc>  
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 URL: <https://mirror.ctan.org/macros/luatex/latex/emoji>  
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 PKG-URL: <https://ctan.org/pkg/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 .  
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