

The CTAN Bibliography

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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{a0poster,
  title   = {The \texttt{a0poster} package},
  subtitle = {Support for designing posters on large paper},
  author  = {Gerlinde Kettl and Matthias Weiser},
  date    = {2016-06-24},
  version = {1.22b},
  license = {lppl},
  url     = {https://mirror.ctan.org/macros/latex/contrib/a0poster},
  pkgurl  = {https://ctan.org/pkg/a0poster},
  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.

References

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- URL: <https://mirror.ctan.org/language/multilingual/eurotex>
 PKG-URL: <https://ctan.org/pkg/eurotex>
- Abdool, Omar. *The turabian-formatting package. Formatting based on Turabian's Manual*. 2021-03-20. LICENSE: lppl1.3. The package provides Chicago-style formatting based on Kate L. Turabian's "A Manual for Writers of Research Papers, Theses, and Dissertations: Chicago Style for Students and Researchers" (9th edition).
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 PKG-URL: <https://ctan.org/pkg/turabian-formatting>
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- Abrahams, Paul W., Kathryn A. Hargreaves, and Karl Berry. *The impatient package. Free edition of the book "TeX for the Impatient"*. 2020-01-07. Version 2020. LICENSE: fdl
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- *The utopia package. Adobe Utopia fonts*. 2018-01-06. LICENSE: other-free
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 URL: <https://mirror.ctan.org/macros/latex/contrib/extract>
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- URL: <https://mirror.ctan.org/macros/latex/contrib/graphicx-psmin>
 PKG-URL: <https://ctan.org/pkg/graphicx-psmin>
- Adriaens, Hendri. *The ha-prosper package. Patches and improvements for prosper*. 2021-06-21. Version 4.21. LICENSE: lppl. HA-prosper is a patch for prosper that adds new functionality to based presentations. Among the new features you will find automatic generation of a table of contents on each slide, support for notes and portrait slides. The available styles demonstrate how to expand the functionality of prosper even further.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ha-prosper>
 PKG-URL: <https://ctan.org/pkg/ha-prosper>
- *The pst-xkey package. Key-value syntax for PSTricks packages*. 2018-09-15. Version 1.6. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
 PKG-URL: <https://ctan.org/pkg/pst-xkey>
 - *The xkeyval package. Extension of the keyval package*. 2022-06-16. Version 2.9. LICENSE: lppl1.3. This package is an extension of the package and offers additional macros for setting keys and declaring and setting class or package options. The package allows the programmer to specify a prefix to the name of the macros it defines for keys, and to define families of key definitions; these all help use in documents where several packages define their own sets of keys.
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 URL: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
 PKG-URL: <https://ctan.org/pkg/xkv1txp>
 - *The xkvview package. Xkeyval viewer*. 2016-06-24. Version 1.4a. LICENSE: lppl. If xkvview is loaded, all keys defined in a document using the parent package are stored in an internal database. The command (which takes an argument of options) can be used to print the keys.
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 PKG-URL: <https://ctan.org/pkg/xkvview>
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 PKG-URL: <https://ctan.org/pkg/mathstone>
- Africa, Pasquale Claudio. *The beamertheme-focus package. A minimalist presentation theme for L^AT_EX Beamer*. 2022-03-09. Version 3.3.0. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-focus>
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- Alamnehe, Abass B. *The ethtex package. Fonts and L^AT_EX support for typesetting Amharic*. 2020-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/language/ethiopia/ethtex>
 PKG-URL: <https://ctan.org/pkg/ethtex>
- Alessi, Robert. *The arabluatex package. ArabTeX for LuaLaTeX*. 2020-03-23. Version 1.20. LICENSE: gpl3+,cc-by-sa-4. This package provides for LuaLaTeX an -like interface to generate Arabic writing from an ascii transliteration. It is particularly well-suited for complex documents such as technical documents or critical editions where a lot of left-to-right commands intertwine with Arabic writing. is able to process any ArabTeX input notation. Its output can be set in the same modes of vocalization as ArabTeX, or in different roman transliterations. It further allows many typographical refinements. It will eventually interact with some other packages yet to come to produce from source files, in addition to printed books, TEI xml compliant critical editions and/or lexicons that can be searched, analyzed and correlated in various ways.
 URL: <https://mirror.ctan.org/macros/luatex/latex/arabluatex>
 PKG-URL: <https://ctan.org/pkg/arabluatex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/examdesign>
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 URL: <https://mirror.ctan.org/support/fancyhdrBoxed>
 PKG-URL: <https://ctan.org/pkg/fancyhdrboxed>
- *The gentabtex package. Python helper for creating tables*. 2021-03-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/gentabtex>
 PKG-URL: <https://ctan.org/pkg/gentabtex>
 - *The grapher package. Create graphs, state machine and data flow diagrams*. 2016-06-24. LICENSE: other-free. Grapher is a python script; you provide it with a specification (in python) of a diagram, and grapher emits code that can be translated to L^AT_EX and used to typeset the diagram in your document.
 URL: <https://mirror.ctan.org/support/grapher>
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 URL: <https://mirror.ctan.org/support/texttoolspro>
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 PKG-URL: <https://ctan.org/pkg/arosgn>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/uothesis>
 PKG-URL: <https://ctan.org/pkg/uothesis>

Andrews, Avery D. *The lingtrees package. Linguistics trees preprocessor and macros.* 2018-09-15. LICENSE: lpl. LingTrees is a package for formatting linguistics trees, consisting of a preprocessor that converts an indented list format into L^AT_EX macros, and some macros for doing the layout and line drawing. The line drawing may be done either by or by (PSTricks gives the user more functionality).
 URL: <https://mirror.ctan.org/macros/latex/contrib/LingTrees>
 PKG-URL: <https://ctan.org/pkg/lingtrees>

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- Angulo, Pablo. *The textsurgery package. A L^AT_EX companion to the “textsurgery” python project*. 2021-07-13. Version 0.6.0. LICENSE: bsd3. This L^AT_EX library is a companion to the . It will make sure that “” will work, with reasonable defaults, for a document that is intended to work with , and also has other uses, always in tandem with the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/textsurgery>
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 URL: <https://mirror.ctan.org/language/turkmen>
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 PKG-URL: <https://ctan.org/pkg/calorie>
- Aplevich, Dwight. *The circuit-macros package. M4 macros for electric circuit diagrams*. 2022-07-28. Version 9.9. LICENSE: lppl1.3c
 URL: https://mirror.ctan.org/graphics/circuit_macros
 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^AT_EX 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^AT_EX code is entered into boxes and the program outputs an array that can be pasted into a

- L^AT_EX file. This is written in (≥ 8.0) (most Unix/Linux systems have .
 URL: <https://mirror.ctan.org/support/arraymaker>
- Arata, Mizuki. *The cluttex package. An automation tool for running L^AT_EX*. 2021-11-05. Version 0.5.1. LICENSE: gpl3+
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 PKG-URL: <https://ctan.org/pkg/cluttex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
 PKG-URL: <https://ctan.org/pkg/abntex2>
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 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>
- *The fancypar package. Decoration of individual paragraphs*. 2021-04-17. Version 1.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
 PKG-URL: <https://ctan.org/pkg/fancypar>
- Argañaraz, Gustavo Sebastián Bustamante. *The MakeCirc package. A MetaPost library for drawing electrical circuit diagrams*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
 PKG-URL: <https://ctan.org/pkg/MakeCirc>
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 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>
- *The statrep package. Displays SAS code and results of running the code*. 2017-04-18. Version 1.07. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/statrep>
 PKG-URL: <https://ctan.org/pkg/statrep>
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 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^AT_EX.* 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 fwlw package. Get first and last words of a page.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
 PKG-URL: <https://ctan.org/pkg/fwlw>
 - *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>
- Arseneau, Donald. *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^AT_EX 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^aTeX
 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>
 - *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>
- Arseneau, Donald. *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>
 - *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>
- Arseneau, Donald. *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^AT_EX, 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 BXjoholiday package. Support for Japanese holidays.* 2021-09-28. Version 1.1.1. LICENSE: mit
 URL: <https://mirror.ctan.org/language/japanese/BX/bxjoholiday>
 PKG-URL: <https://ctan.org/pkg/BXjoholiday>

- Asakura, Takuto. *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^AT_EX Make package. llmk: A build tool for L^AT_EX documents*. 2021-09-19. Version 1.1.0. LICENSE: mit
 URL: <https://mirror.ctan.org/support/light-latex-make>
 - *The platexcheat package. A L^AT_EX 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^AT_EX'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^AT_EX2e.
 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: lppl1.3c
 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>
- *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^AT_EX 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: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/guitartabs>
 PKG-URL: <https://ctan.org/pkg/guitartabs>

- Bachmaier, Gerhard A. *The ebezier package. Device independent picture environment enhancement*. 2016-06-24. Version 4. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ebezier>
 PKG-URL: <https://ctan.org/pkg/ebezier>
- *The oesch package. Font to provide the Österreichische Schulschrift*. 2017-05-30. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/fonts/oesch>
 PKG-URL: <https://ctan.org/pkg/oesch>
- Bačić, Deni. *The glossaries-slovene package. Slovene language module for glossaries package*. 2019-05-26. Version 1.0. LICENSE: lppl1.3. Slovene language module for package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-slovene>
 PKG-URL: <https://ctan.org/pkg/glossaries-slovene>
- Baecker, Philipp N. *The ebsthesis package. Typesetting theses for economics*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ebsthesis>
 PKG-URL: <https://ctan.org/pkg/ebsthesis>
- Baghban, Mojtaba. *The autofancyhdr package. Automatically compute headlength for fancyhdr package*. 2020-04-11. Version 0.1. LICENSE: lppl1.3c. The package automatically computes headlength for the package
 URL: <https://mirror.ctan.org/macros/latex/contrib/autofancyhdr>
 PKG-URL: <https://ctan.org/pkg/autofancyhdr>
- Bahnes, Tim. *The texsketch package. A drawing package for OS/2*. 2016-06-24. Version 1.03. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/graphics/texsketch>
 PKG-URL: <https://ctan.org/pkg/texsketch>
- Baker, Adam. *The ot-tableau package. Optimality Theory tableaux in L^AT_EX*. 2021-05-23. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ot-tableau>
 PKG-URL: <https://ctan.org/pkg/ot-tableau>
- Baker, Edward. *The texfilt package. A (La)TeX log filter*. 2016-06-24. LICENSE: noinfo. Works under DOS, OS/2 and Linux. Code written in , so documented source available.
 URL: <https://mirror.ctan.org/support/texfilt>
 PKG-URL: <https://ctan.org/pkg/texfilt>
- Baker, Joe. *The draft package. A L^AT_EX 2.09 style for supporting work on drafts*. 2016-06-24. LICENSE: noinfo. The package marks , , , and commands with a small mark in the text and with a marginal note of the label, citation or whatever itself.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/draft.sty>
 PKG-URL: <https://ctan.org/pkg/draft>
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 PKG-URL: <https://ctan.org/pkg/computer-typesetting-using-latex>
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 PKG-URL: <https://ctan.org/pkg/abstr-collect>
- *The automatica package. A harvard-family BibTeX style*. 2016-06-24. LICENSE: other-free. A modified version of from the bundle, which is itself derived from the standard .
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/automatica.bst>
 PKG-URL: <https://ctan.org/pkg/automatica>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/birkhaeuser>
 PKG-URL: <https://ctan.org/pkg/Birkhaeuser>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/card.sty>
 PKG-URL: <https://ctan.org/pkg/card>
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 PKG-URL: <https://ctan.org/pkg/ijc>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/meparticle.sty>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/bath-bst>
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 PKG-URL: <https://ctan.org/pkg/beamerswitch>
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 PKG-URL: <https://ctan.org/pkg/biblatex-bath>

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 PKG-URL: <https://ctan.org/pkg/biblatex-oxref>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dccpaper>
 PKG-URL: <https://ctan.org/pkg/dccpaper>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/zootaxa-bst>
 PKG-URL: <https://ctan.org/pkg/zootaxa-bst>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cascadilla>
 PKG-URL: <https://ctan.org/pkg/cascadilla>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utis/mkbib>
 PKG-URL: <https://ctan.org/pkg/mkbib>
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 PKG-URL: <https://ctan.org/pkg/EBONG>
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 PKG-URL: <https://ctan.org/pkg/fixmetodonotes>
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 PKG-URL: <https://ctan.org/pkg/competences>
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 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/IEEEannot.bst>
 PKG-URL: <https://ctan.org/pkg/IEEEannot>
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 PKG-URL: <https://ctan.org/pkg/calendar-Barr>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/chomsky.sty>
 PKG-URL: <https://ctan.org/pkg/chomsky>
 - *The diagxy package. Diagram macros by Michael Barr*. 2016-06-24. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/generic/diagrams/diagxy>
 PKG-URL: <https://ctan.org/pkg/diagxy>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/physics>
 PKG-URL: <https://ctan.org/pkg/physics>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
 PKG-URL: <https://ctan.org/pkg/postnotes>
- *The zref-check package. Flexible cross-references with contextual checks based on zref*. 2022-07-07. Version 0.3.2. LICENSE: lppl1.3c. This package provides an user interface for making L^AT_EX cross-references flexibly, while allowing to have them checked for consistency with the document structure as typeset. Statements such as “above”, “on the next page”, “previously”, “as will be discussed”, “on the previous chapter” and so on can be given to in free-form, and a set of “checks” can be specified to be run against a given “label”, which will result in a warning at compilation time if any of these checks fail. and the environment are also defined as a means to easily set label targets to arbitrary places in the text which can be referred to by .
 URL: <https://mirror.ctan.org/macros/latex/contrib/zref-check>
 PKG-URL: <https://ctan.org/pkg/zref-check>

- Barros, Gustavo. *The zref-clever package. Clever L^AT_EX cross-references based on zref*. 2022-05-28. Version 0.3.1. LICENSE: lppl1.3c. This package provides a user interface for making L^AT_EX cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.
URL: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
PKG-URL: <https://ctan.org/pkg/zref-clever>
- *The zref-vario package. Extended L^AT_EX page cross-references with varioref and zref-clever*. 2022-07-08. Version 0.1.5. LICENSE: lppl1.3c. This package offers a compatibility layer for to be used alongside . It provides counterparts to ’s main reference commands, each of which essentially does some (scoped) setup for , then calls the original one.
URL: <https://mirror.ctan.org/macros/latex/contrib/zref-vario>
PKG-URL: <https://ctan.org/pkg/zref-vario>
- Bartel, Elmar and Norbert Preining. *The bartel-chess-fonts package. A set of fonts supporting chess diagrams*. 2016-06-24. LICENSE: gpl
URL: <https://mirror.ctan.org/fonts/bartel-chess-fonts>
PKG-URL: <https://ctan.org/pkg/bartel-chess-fonts>
- Barth, Andreas. *The pbm2tex package. Translate PBM format to L^AT_EX*. 2016-06-24. Version 1.0. LICENSE: other-free
URL: <https://mirror.ctan.org/support/pbm2tex>
PKG-URL: <https://ctan.org/pkg/pbm2tex>
- Barthelmann, Klaus Georg. *The circle package. Maths mode circles for temporal logic*. 2016-06-24. LICENSE: noinfo. Provides circles in math mode that can be used for the nextstep operator of temporal logic, in conjunction with and (latexsym) or and (amssymb). L^AT_EX circles and are not of the right size. The circles are taken from the font . The package contains some hacks to approximate the right size and this solution is definitely not sufficient to give a high quality output.
URL: <https://mirror.ctan.org/macros/latex/contrib/circle>
PKG-URL: <https://ctan.org/pkg/circle>
- *The sauterfonts package. Use Sauter’s fonts in L^AT_EX*. 2016-06-24. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/sauterfonts>
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- Bartholdi, Laurent. *The ltb2bib package. Converts amsrefs’ .ltb bibliographical databases to BibT_EX format*. 2018-01-07. Version 0.01. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/biblio/bibtex/utis/ltb2bib>
PKG-URL: <https://ctan.org/pkg/ltb2bib>
- Bartolomey, Alexander. *The csassignments package. A wrapper for article with macros and customizations for computer science assignments*. 2022-07-28. Version 1.0.2. LICENSE: mit
URL: <https://mirror.ctan.org/macros/latex/contrib/csassignments>
PKG-URL: <https://ctan.org/pkg/csassignments>
- Barton, Ariel. *The knitting package. Produce knitting charts, in Plain T_EX or L^AT_EX*. 2019-04-06. Version 3.0. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/fonts/knitting>
PKG-URL: <https://ctan.org/pkg/knitting>

- Barton, Ariel. *The sansmathaccent package. Correct placement of accents in sans-serif maths.* 2020-02-01.
 LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/fonts/sansmathaccent>
 PKG-URL: <https://ctan.org/pkg/sansmathaccent>
- *The sansmathfonts package. Correct placement of accents in sans-serif maths.* 2021-06-22. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/fonts/sansmathfonts>
 PKG-URL: <https://ctan.org/pkg/sansmathfonts>
 - *The tolkienfonts package. Use TTF "Tolkien" fonts from the WWW with pdfTeX.* 2016-06-24. Version 2.0.
 LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/tolkienfonts>
 PKG-URL: <https://ctan.org/pkg/tolkienfonts>
- Barton, Thomas H. *The TrueTypeToType42 package. Generate a Type 42 font from a TrueType font.* 2016-06-24.
 LICENSE: noinfo. The package provides a PostScript program, to run under , that will read a TrueType font and produce an Adobe Type 42 (PFA) font as output.
 URL: <https://mirror.ctan.org/fonts/utilities/TrueTypeToType42>
 PKG-URL: <https://ctan.org/pkg/TrueTypeToType42>
- Barton-Davis, Paul. *The unixman package. Typeset to look like Unix man output.* 2016-06-24. Version 1.2.
 LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/unixman>
 PKG-URL: <https://ctan.org/pkg/unixman>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/add-wes.sty>
 PKG-URL: <https://ctan.org/pkg/add-wes>
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 URL: <https://mirror.ctan.org/fonts/utilities/t1infos>
 PKG-URL: <https://ctan.org/pkg/t1infos>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bibtopic>
 PKG-URL: <https://ctan.org/pkg/bibtopic>
- Batada, Nizar. *The JBibTeXManager package. Managing citations in BibTeX format.* 2017-04-18. LICENSE: lppl
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/jbibtexmanager>
 PKG-URL: <https://ctan.org/pkg/JBibTeXManager>
- Batchelder, Ned and Bernie Cosell. *The bbfig package. Calculate and print bounding box.* 2016-06-24. LICENSE: noinfo. Bbfig wraps a set of PostScript routines around a PostScript file; when the resulting file is printed, the bounding box appears on the page, and the requisite directive is also printed.
 URL: <https://mirror.ctan.org/support/bbfig>
 PKG-URL: <https://ctan.org/pkg/bbfig>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jupyterotex>
 PKG-URL: <https://ctan.org/pkg/jupyterotex>
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 PKG-URL: <https://ctan.org/pkg/lshort-mongol>
- Batumongke, Dorjgotov. *The mnhyphn package. Hyphenation patterns for Mongolian*. 2018-01-06. Version 1.1. LICENSE: lppl. Serves Mongolian written using Cyrillic letters, using T2A-encoded output. (Note that the bundle provides hyphenation patterns for its own encoding setup.)
 URL: <https://mirror.ctan.org/language/hyphenation/mnhyphn.tex>
 PKG-URL: <https://ctan.org/pkg/mnhyphn>
- *The mongolian-babel package. A language definition file for Mongolian in Babel*. 2016-06-24. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/language/mongolian/babel>
 PKG-URL: <https://ctan.org/pkg/mongolian-babel>
- Baudoin, Marc. *The appends-latex package. Appends L^AT_EX!* 2017-04-18. Version 4.02. LICENSE: lppl
 URL: <https://mirror.ctan.org/info/appends-latex>
 PKG-URL: <https://ctan.org/pkg/appends-latex>
- Bauer, Tilman. *The lwasseq package. Drawing spectral sequences in LuaLaTeX*. 2016-06-24. LICENSE: lppl. The package is an update of the author's package, for use with LuaLaTeX. This version uses less memory, and operates faster than the original; it also offers several enhancements.
 URL: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
 PKG-URL: <https://ctan.org/pkg/lwasseq>
- *The sseq package. Typesetting spectral sequence charts*. 2016-06-24. Version 2.01. LICENSE: lppl. The package provides commands to draw spectral sequence diagrams, providing facilities for clipping and arranging multiple symbols so that they do not overlap. The package is built using , and shares that systems large demands for TeX system memory. Its geometric commands are based on a turtle graphics model, and control structures such as loops and conditionals are available.
 URL: <https://mirror.ctan.org/macros/latex/contrib/sseq>
 PKG-URL: <https://ctan.org/pkg/sseq>
- Bauke, Heiko. *The isotope package. A package for typesetting isotopes*. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides a command for setting the atomic weight and atomic number indications of isotopes. (The naive way of doing the job with (La)TeX mathematics commands produces an unsatisfactory result.)
 URL: <https://mirror.ctan.org/macros/latex/contrib/isotope>
 PKG-URL: <https://ctan.org/pkg/isotope>
- Baumann, Helge. *The dinat package. Bibliography style for German texts*. 2016-06-24. Version 2.5. LICENSE: pd
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/german/dinat>
 PKG-URL: <https://ctan.org/pkg/dinat>
- Baumann, Timo. *The BibArts package. "Arts"-style bibliographical information*. 2022-10-02. Version 2.5. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/bibarts>
 PKG-URL: <https://ctan.org/pkg/BibArts>
- *The germkorr package. Change kerning for German quotation marks*. 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
 PKG-URL: <https://ctan.org/pkg/germkorr>
- Bautista, Tomás. *The abstyles-babel package. Adaptable styles for use with Babel*. 2016-06-24. LICENSE: other-free. This set of BibTeX styles is a version of the , modified so that the styles react to operations.

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 PKG-URL: <https://ctan.org/pkg/abstyles-babel>
- Bayart, Benjamin. *The esieecv package. Curriculum vitae for French use*. 2021-06-20. LICENSE: lppl
 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>
- Baynham, Charles. *The gitver package. Get the current git hash of a project and typeset it in the document*. 2022-07-17. Version 1.4. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/gitver>
 PKG-URL: <https://ctan.org/pkg/gitver>
- *The globalvals package. Declare global variables*. 2019-02-06. Version 1.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/globalvals>
 PKG-URL: <https://ctan.org/pkg/globalvals>
- Bazon, Vlad. *The rojud package. A font with the images of the counties of Romania*. 2020-11-25. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/rojud>
 PKG-URL: <https://ctan.org/pkg/rojud>
- Beach, John E. *The colorweb package. Extend the color package colour space*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package makes the available to the standard package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/colorweb>
 PKG-URL: <https://ctan.org/pkg/colorweb>
- Bean, Jules. *The mathlig package. Define maths “ligatures”*. 2020-04-11. Version 1.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/generic/misc/mathlig.tex>
 PKG-URL: <https://ctan.org/pkg/mathlig>
- Beasley, David. *The make_latex package. LaTeX Makefile*. 2016-06-24. LICENSE: noinfo
 URL: https://mirror.ctan.org/support/make_latex
 PKG-URL: https://ctan.org/pkg/make_latex
- Beaudrap, Niel de. *The modref package. Customisation of cross-references in L^AT_EX*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/modref>
 PKG-URL: <https://ctan.org/pkg/modref>

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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: lpl
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: lpl1.3. The package provides a language description file that enables support of Friulan either with or with .
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: lpl1.3. 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: lpl1.3. The package provides a language description file that enables support of Romansh either with or with .
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: lpl1.3c. 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>
 - *The canoniclayout package. Create canonical page layouts with memoir*. 2020-04-10. Version 0.5. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/canoniclayout>
PKG-URL: <https://ctan.org/pkg/canoniclayout>
 - *The cbfonts-fd package. LaTeX font description files for the CB Greek fonts*. 2019-07-18. Version 1.2. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>
PKG-URL: <https://ctan.org/pkg/cbfonts-fd>
 - *The codicifiscaleitaliano package. Test the consistency of the Italian personal Fiscal Code*. 2016-06-24. Version 1.2. LICENSE: lpl1.3
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: lpl1.3c. The package extends the drawing capacities of the that serves as a L^AT_EX₂ε 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: lpl1.3. 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: lpl1.3c
 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: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>
 PKG-URL: <https://ctan.org/pkg/fixltxhyph>
 - *The ithyph package. Hyphenation patterns for the Italian language*. 2018-10-09. Version 4.8g. LICENSE: lgpl
 URL: <https://mirror.ctan.org/language/hyphenation/ithyph.tex>
 PKG-URL: <https://ctan.org/pkg/ithyph>
 - *The lahyph package. Hyphenation patterns for the Latin language*. 2016-11-05. Version 3.1. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>
 PKG-URL: <https://ctan.org/pkg/lahyph>
 - *The latin package. Latin language definition for Babel*. 2016-06-24. Version 2/0f. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/latin>
 PKG-URL: <https://ctan.org/pkg/latin>
 - *The Lxfonts package. Set of slide fonts based on CM*. 2016-06-24. Version 2.0b. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/lxfonts>
 PKG-URL: <https://ctan.org/pkg/Lxfonts>
 - *The pm-isomath package. Poor man ISO math for pdfLaTeX users*. 2021-08-26. Version 1.2.00. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/pm-isomath>
 PKG-URL: <https://ctan.org/pkg/pm-isomath>
 - *The swfigure package. Insert large images that do not fit into a single page*. 2022-05-07. Version 0.9.20. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
 PKG-URL: <https://ctan.org/pkg/swfigure>
 - *The testhyphens package. Testing hyphenation patterns*. 2016-06-24. Version 0.7. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/testhyphens>
 PKG-URL: <https://ctan.org/pkg/testhyphens>
 - *The teubner package. Philological typesetting of classical Greek*. 2022-10-03. Version 5.7.3. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/teubner>
 PKG-URL: <https://ctan.org/pkg/teubner>
 - *The TOPtesi package. Bundle for typesetting multilanguage theses*. 2020-09-06. Version 6.4.06. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
 PKG-URL: <https://ctan.org/pkg/TOPtesi>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/widetable>
 PKG-URL: <https://ctan.org/pkg/widetable>
- *The wrapfig2 package. Wrap text around figures.* 2022-02-16. Version 6.0.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
 PKG-URL: <https://ctan.org/pkg/wrapfig2>
- Beccari, Claudio and Enrico Gregorio. *The imakeidx package. A package for producing multiple indexes.* 2016-10-15. Version 1.3e. LICENSE: lppl1.3. The package enables the user to produce and typeset one or more indexes simultaneously with a document. The package is known to work in L^AT_EX documents processed with pdfLaTeX, Xe_ΛTeX and LuaLaTeX. If is used for processing the index entries, no particular setting up is needed when TeX Live is used. Using or other programs it is necessary to enable shell escape; shell escape is also needed if is used.
 URL: <https://mirror.ctan.org/macros/latex/contrib/imakeidx>
 PKG-URL: <https://ctan.org/pkg/imakeidx>
- Beccari, Claudio and Serge Rosmorduc. *The cbcoptic package. Coptic fonts and L^AT_EX macros for general usage and for philology.* 2017-10-29. Version 0.2. LICENSE: lppl. CBcoptic is a bundle of files for typesetting Coptic philological text with the proper fonts and hyphenation. The fonts are based on, but much extend, the fonts of the original bundle. The CBcoptic bundle includes font description files, Metafont sources and equivalent Adobe Type 1 fonts in pfb format. The bundle also includes a package that provides some macros of philological interest.
 URL: <https://mirror.ctan.org/language/coptic/cbcoptic>
 PKG-URL: <https://ctan.org/pkg/cbcoptic>
- Beccari, Claudio and Apostolos Syropoulos. *The cbgreek-complete package. Complete set of Greek fonts.* 2019-07-18. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/greek/cbfonts>
 PKG-URL: <https://ctan.org/pkg/cbgreek-complete>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/setstrut.tex>
 PKG-URL: <https://ctan.org/pkg/setstrut>
- *The tip package. Macro examples from “TeX in Practice”.* 2016-06-24. Version 1.0. LICENSE: nosell
 URL: <https://mirror.ctan.org/info/examples/tip>
 PKG-URL: <https://ctan.org/pkg/tip>
- Beckenbach, Isabel. *The zbmATH-review-template package. Template for a zbMATH Open review.* 2021-06-24. Version 2.1. LICENSE: gpl3,cc-by-sa-4
 URL: <https://mirror.ctan.org/macros/xetex/latex/zbmath-review-template>
 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>
- *The runtex package. Windows program to run TeX variant and various utils as needed.* 2016-06-24. Version 0.1.0. LICENSE: pd
 URL: <https://mirror.ctan.org/support/runtex>
 PKG-URL: <https://ctan.org/pkg/runtex>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/anonymous-acm>
 PKG-URL: <https://ctan.org/pkg/anonymous-acm>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/epspdfconversion>
 PKG-URL: <https://ctan.org/pkg/epspdfconversion>
- Becuwe, Stefan, Bart Windels, and Tobias Oetiker. *The lshort-dutch package. Introduction to L^AT_EX in Dutch.* 2016-06-24. Version 1.3. LICENSE: gpl. This is the Dutch (Nederlands) translation of the .
 URL: <https://mirror.ctan.org/info/lshort/dutch>
 PKG-URL: <https://ctan.org/pkg/lshort-dutch>
- Beebe, Nelson H. F. *The Beebe-DVI package. A modular collection of DVI processors.* 2016-06-24. LICENSE: noinfo
 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>
 - *The bibextract package. Utilities to extract BibTeX data.* 2016-06-24. Version 1.09. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibextract>
 PKG-URL: <https://ctan.org/pkg/bibextract>
 - *The biblio package. A collection of bibliographies.* 2019-10-21. LICENSE: pd
 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>
 - *The bibsort package. Sort a BibTeX bibliography file.* 2017-04-18. Version 0.11. LICENSE: noinfo
 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
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/test>
 PKG-URL: <https://ctan.org/pkg/bibtex-test>
 - *The filehdr package. Self-descriptions in file headers.* 2016-06-24. Version 1.31. LICENSE: gpl
 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

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 PKG-URL: <https://ctan.org/pkg/is-bst>
- Beebe, Nelson H. F. *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>
- Beek, Folkert van der. *The Vancouver package. Bibliographic style file for Biomedical Journals.* 2021-05-13.
 Version 1.0. LICENSE: lpl1.3. This BibTeX style file is generated with the docstrip utility and modified manually to meet the as published in N Engl J Med 1997;336:309-315 (also known as the Vancouver style). The complete set of requirements may be viewed on the web site.
 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>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/cyrmemo>
 PKG-URL: <https://ctan.org/pkg/cyrmemo>
- *The deproc package. Macros for DECUS proceedings articles.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/deproc>
 PKG-URL: <https://ctan.org/pkg/deproc>
 - *The tugboat-toc package. An accumulation of TUGboat tables of contents.* 2021-08-26. LICENSE: other-free
 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>
- *The tugboat-plain package. Plain TeX macros for TUGboat.* 2022-05-22. Version 1.27. LICENSE: other-free.
 The macros defined in this directory (in files and) are used in papers written in Plain TeX for publication in TUGboat.
 URL: <https://mirror.ctan.org/macros/plain/contrib/tugboat>
 PKG-URL: <https://ctan.org/pkg/tugboat-plain>
- Beffara, Emmanuel. *The cm11 package. Symbols for linear logic.* 2016-06-24. LICENSE: lpl1
 URL: <https://mirror.ctan.org/fonts/cm11>
 PKG-URL: <https://ctan.org/pkg/cm11>
- *The ebproof package. Formal proofs in the style of sequent calculus.* 2021-01-28. Version 2.1.1. LICENSE: lpl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/ebproof>
 PKG-URL: <https://ctan.org/pkg/ebproof>
- Beffara, Emmanuel. *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>
- Beisert, Niklas. *The chiddoc package. Directly compile \include'd child documents*. 2018-12-30. Version 2.0. LICENSE: lppl1.3. This L^AT_EX2e package enables the direct compilation of document sections included by to individual files.
 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>
 - *The delimset package. Typeset and declare sets of delimiters with convenient size control*. 2018-12-30. Version 1.1. LICENSE: lppl1.3. is a L^AT_EX2e package to typeset and declare sets of delimiters in math mode whose size can be adjusted conveniently.
 URL: <https://mirror.ctan.org/macros/latex/contrib/delimset>
 PKG-URL: <https://ctan.org/pkg/delimset>
 - *The exframe package. Framework for exercise problems*. 2020-02-24. Version 3.4. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/exframe>
 PKG-URL: <https://ctan.org/pkg/exframe>
 - *The graphbox package. Extend graphicx to improve placement of graphics*. 2018-01-17. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphbox>
 PKG-URL: <https://ctan.org/pkg/graphbox>
 - *The mathfixs package. Fix various layout issues in math mode*. 2018-12-30. Version 1.01. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathfixs>
 PKG-URL: <https://ctan.org/pkg/mathfixs>
 - *The metastr package. Store and compose strings*. 2020-09-02. Version 1.1.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/metastr>
 PKG-URL: <https://ctan.org/pkg/metastr>
 - *The mpostinl package. Embed MetaPost figures within L^AT_EX documents*. 2018-12-31. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/mpostinl>
 PKG-URL: <https://ctan.org/pkg/mpostinl>
 - *The sesstime package. Session and timing information in lecture notes*. 2019-01-18. Version 1.12. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sesstime>
 PKG-URL: <https://ctan.org/pkg/sesstime>

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URL: <https://mirror.ctan.org/macros/latex/contrib/texshade>
PKG-URL: <https://ctan.org/pkg/texshade>
- *The textopo package. Annotated membrane protein topology plots*. 2016-06-24. Version 1.5. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/textopo>
PKG-URL: <https://ctan.org/pkg/textopo>
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URL: <https://mirror.ctan.org/macros/latex/contrib/apa6>
PKG-URL: <https://ctan.org/pkg/apa6>
- *The meetingmins package. Format written minutes of meetings*. 2016-06-24. Version 1.6. LICENSE: lppl1.3
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URL: <https://mirror.ctan.org/info/latex2e-help-texinfo-fr>
PKG-URL: <https://ctan.org/pkg/latex2e-help-texinfo-fr>
- *The petiteannonce package. A class for small advertisements*. 2016-06-24. Version 1.0001. LICENSE: lppl
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PKG-URL: <https://ctan.org/pkg/petiteannonce>
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PKG-URL: <https://ctan.org/pkg/bellmac>
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URL: <https://mirror.ctan.org/macros/latex/contrib/version>
PKG-URL: <https://ctan.org/pkg/version>
- Benciolini, Battista. *The procIAGssymp package. Macros for IAG symposium papers*. 2022-05-06. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/prociagssymp>
PKG-URL: <https://ctan.org/pkg/procIAGssymp>
- *The rectopma package. Recycle top matter*. 2016-06-24. LICENSE: lppl. Saves the arguments of and for reference (after) in a document. (simply disposes of the information, in the standard classes and some others.)
URL: <https://mirror.ctan.org/macros/latex/contrib/rectopma>
PKG-URL: <https://ctan.org/pkg/rectopma>
- Bender, Patrick. *The pdbf-toolkit package. A Toolkit for Creating Janiform Data Documents*. 2017-04-18. Version 1.2.5. LICENSE: mit
URL: <https://mirror.ctan.org/support/pdbf-toolkit>
PKG-URL: <https://ctan.org/pkg/pdbf-toolkit>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/uwmslide>
 PKG-URL: <https://ctan.org/pkg/uwmslide>
- *The withesis package. University of Wisconsin-Madison Thesis L^AT_EX Class.* 2018-01-06. Version 2.0. LICENSE: artistic
 URL: <https://mirror.ctan.org/macros/latex/contrib/withesis>
 PKG-URL: <https://ctan.org/pkg/withesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/prftree>
 PKG-URL: <https://ctan.org/pkg/prftree>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/adtrees>
 PKG-URL: <https://ctan.org/pkg/adtrees>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mceinleger>
 PKG-URL: <https://ctan.org/pkg/mceinleger>
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 PKG-URL: <https://ctan.org/pkg/calendar>
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 PKG-URL: <https://ctan.org/pkg/cmyk-hax>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ppt-slides>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/footnotehyper>
 PKG-URL: <https://ctan.org/pkg/footnotehyper>
 - *The libgreek package. Use Libertine or Bioninum Greek glyphs in mathematics*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package is for L^AT_EX users who wish to use the Libertine or Bioninum font for the Greek letters in math mode. It is not necessary to load the package itself, but of course the Linux-Libertine/Bioninum fonts and L^AT_EX support files must have been installed.
 URL: <https://mirror.ctan.org/macros/latex/contrib/libgreek>
 PKG-URL: <https://ctan.org/pkg/libgreek>
 - *The mathastext package. Use the text font in maths mode*. 2019-11-16. Version 1.3w. LICENSE: lppl1.3
 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>
- Burnol, Jean-François. *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^AT_EX 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.,) 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^AT_EX ().
 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^AT_EX 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.,) 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>
 - *The xint package. Expandable operations on long numbers.* 2022-06-11. Version 1.4m. LICENSE: lppl1.3c
 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
 URL: <https://mirror.ctan.org/macros/plain/contrib/xintsession>
 PKG-URL: <https://ctan.org/pkg/xintsession>
- Burnus, Tobias. *The m-pictex package. Enable PicTeX to run with L^AT_EX.* 2016-06-24. LICENSE: other-free
 PKG-URL: <https://ctan.org/pkg/m-pictex>
- Burt, John. *The brandeis-thesis package. A class for Brandeis University M.A. theses.* 2021-07-01. Version 3.2. LICENSE: lppl1.3c. provides the structures and formatting information for an M.A. thesis for the Brandeis University Graduate School of Arts and Sciences.
 URL: <https://mirror.ctan.org/macros/latex/contrib/brandeis-thesis>
 PKG-URL: <https://ctan.org/pkg/brandeis-thesis>
- Burt, John. *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^AT_EX 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>
- Burt, John and Meghan Peck. *The brandeis-dissertation package. Class for Brandeis University dissertations.* 2021-12-04. Version 3.13. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/brandeis-dissertation>
 PKG-URL: <https://ctan.org/pkg/brandeis-dissertation>
- Burton, Terry and Herbert Voß. *The pst-barcode package. Print barcodes using PostScript.* 2022-08-23. Version 0.19. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-barcode>
 PKG-URL: <https://ctan.org/pkg/pst-barcode>
- Busa, Jan and Tobias Oetiker. *The lshort-slovak package. Slovak introduction to L^AT_EX.* 2016-06-24. LICENSE: lppl. A Slovak translation of Oetiker’s .
 URL: <https://mirror.ctan.org/info/lshort/slovak>
 PKG-URL: <https://ctan.org/pkg/lshort-slovak>
- Busch, Wolf-Dieter. *The dinbrief-gui package. GUI for L^AT_EX package dinbrief.* 2016-06-24. LICENSE: lppl. Graphical user interface for the L^AT_EX package . The GUI is available as a Windows executable, as a Tcl/Tk script, and as Tclkit. It’s small, fast, and for just writing letters, it’s better-featured than any word processor!
 URL: <https://mirror.ctan.org/support/dinbrief-gui>
 PKG-URL: <https://ctan.org/pkg/dinbrief-gui>
- Busdraghi, Fabiano. *The Layaureo package. A package to improve the A4 page layout.* 2016-06-24. Version 0.2. LICENSE: lppl. This package produces a wide page layout for documents that use A4 paper size. Moreover, LayAureo provides both a simple hook for leaving an empty space which is required if pages are bundled by a press binding (use option), and an option called big which it forces typearea to become maximum.
 URL: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
 PKG-URL: <https://ctan.org/pkg/Layaureo>
- Buss, Sam. *The bussproofs package. Proof trees in the style of the sequent calculus.* 2019-04-04. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
 PKG-URL: <https://ctan.org/pkg/bussproofs>
- Buxbaum, Engelbert. *The biochemistry-colors package. Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry.* 2017-06-05. Version 1.00. LICENSE: lppl,gpl

- URL: <https://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^AT_EX course as a projected presentation.* 2016-06-24. Version 2. LICENSE: gpl. A brief Beamer-based slide presentation on L^AT_EX, based on , which the author has translated to English and taken to L^AT_EX2e/Beamer. Additional material was taken from the .
 URL: <https://mirror.ctan.org/info/latex-course>
 PKG-URL: <https://ctan.org/pkg/latex-course>
- Bzyl, Wlodek. *The i-ching package. An i-ching package.* 2016-06-24. LICENSE: gpl. A complete Plain TeX-based i-ching divination system, including an Adobe Type 1 font for the characters. Translations are derived from Alan Stanier’s work in his package.
 URL: <https://mirror.ctan.org/fonts/psfonts/i-ching>
 PKG-URL: <https://ctan.org/pkg/i-ching>
- *The tweb package. A web system for TeX macro sources.* 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing TeX macro sources.
 URL: <https://mirror.ctan.org/web/tweb>
 PKG-URL: <https://ctan.org/pkg/tweb>
- Bzyl, Wlodek and Staszek Wawrykiewicz. *The utf8mex package. Tools to produce formats that read Polish language input.* 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/language/polish/utf8mex>
 PKG-URL: <https://ctan.org/pkg/utf8mex>
- Cadiou, Aurélien. *The ladder package. Draw simple ladder diagrams using TikZ.* 2017-10-09. LICENSE: mit
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
 PKG-URL: <https://ctan.org/pkg/ladder>
- Cagnol, John. *The mrcheckbib package. A BibTeX file verification tool.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/mrcheckbib>
 PKG-URL: <https://ctan.org/pkg/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics.* 2022-09-19. Version 3.34. LICENSE: lppl,gpl
 URL: <https://mirror.ctan.org/fonts/kpfonts>
 PKG-URL: <https://ctan.org/pkg/kpfonts>
- Callegari, Sergio. *The draftwatermark package. Put a grey textual watermark on document pages.* 2020-12-08. Version 3.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>
 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>
 PKG-URL: <https://ctan.org/pkg/everypage>
- Callegari, Sergio. *The flippdf package. Horizontal flipping of pages with pdfLaTeX.* 2020-10-27. Version 2.0b. LICENSE: lppl1.3c

- URL: <https://mirror.ctan.org/macros/latex/contrib/flippdf>
 PKG-URL: <https://ctan.org/pkg/flippdf>
- *The rotpages package. Typeset sets of pages upside-down and backwards.* 2016-06-24. Version 3.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
 PKG-URL: <https://ctan.org/pkg/rotpages>
 - Calvani, Massimo. *The prepr package. Preprint macros.* 2016-06-24. LICENSE: noinfo
 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.
 URL: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
 PKG-URL: <https://ctan.org/pkg/breakurl>
 - Campani, Carlos. *The beamer-tut-pt package. An introduction to the Beamer class, in Portuguese.* 2016-06-18. LICENSE: gpl
 URL: <https://mirror.ctan.org/info/portuguese/beamer>
 PKG-URL: <https://ctan.org/pkg/beamer-tut-pt>
 - *The cursolatex package. A L^AT_EX tutorial.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/info/portuguese/cursolatex>
 PKG-URL: <https://ctan.org/pkg/cursolatex>
 - *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese.* 2016-06-18. LICENSE: gpl
 URL: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
 PKG-URL: <https://ctan.org/pkg/xypic-tut-pt>
 - Camps, Jean-Baptiste. *The biblatex-enc package. BibLaTeX style for the École nationale des chartes (Paris).* 2017-06-19. Version 1.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
 PKG-URL: <https://ctan.org/pkg/biblatex-enc>
 - Cannayen, Igathinathane. *The ndsu-thesis-2022 package. North Dakota State University disquisition class 2022.* 2022-07-15. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
 PKG-URL: <https://ctan.org/pkg/ndsu-thesis-2022>
 - Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (LaTeX 2.09).* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
 PKG-URL: <https://ctan.org/pkg/drop>
 - Cao, Camuse. *The xmuthesis package. XMU thesis style.* 2020-10-12. Version 0.4.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
 PKG-URL: <https://ctan.org/pkg/xmuthesis>
 - Cappelletti, Luca. *The adigraph package. Augmenting directed graphs.* 2019-01-29. Version 1.7.1. LICENSE: mit
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
 PKG-URL: <https://ctan.org/pkg/adigraph>
 - Cappelletti, Luca. *The lectures package. A document class for quickly drafting nice looking lecture notes.* 2020-02-02. Version 1.0.5. LICENSE: mit. This L^AT_EX documentclass provides a number of gimmicks to

- draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .
 URL: <https://mirror.ctan.org/macros/latex/contrib/lectures>
 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>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl
 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^AT_EX 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^AT_EX 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^AT_EX 2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the L^AT_EX 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>
 - *The fragments package. Fragments of L^AT_EX code*. 2018-09-13. LICENSE: collection
 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>
- Carlisle, David. *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^AT_EX, 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^AT_EX 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^AT_EX documents.* 2016-06-24. LICENSE: lppl. L^AT_EX'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^AT_EXable.* 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^AT_EX'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>
 - *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>
- Carlisle, David. *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 `-like` environment, `tabulary`, taking a ‘total width’ argument as well as the column specifications. The environment uses column types `l`, `r`, and for variable width columns `c`, `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^AT_EX.* 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^AT_EX.* 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 `l` package.
URL: <https://mirror.ctan.org/macros/luatex/latex/typewriter>
PKG-URL: <https://ctan.org/pkg/typewriter>
 - *The ucharcat package. Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX.* 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the `\Ucharcat` command for LuaLaTeX. `\Ucharcat` is a new primitive in XeTeX, an extension of the existing `\catcode` command, that allows the specification of the catcode as well as character code of the character token being constructed.
URL: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>
PKG-URL: <https://ctan.org/pkg/ucharcat>
 - *The xii package. Christmas silliness (English).* 2017-11-14. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/plain/contrib/xii>
PKG-URL: <https://ctan.org/pkg/xii>
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- Daly, Patrick W. and Arthur Ogawa. *The natbib package. Flexible bibliography support*. 2016-06-24. Version 8.31b. LICENSE: lppl. The bundle provides a package that implements both author-year and numbered references, as well as much detailed support for other bibliography use. Also Provided are versions of the standard BibTeX styles that are compatible with —, , . The bibliography styles produced by are designed from the start to be compatible with .

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 PKG-URL: <https://ctan.org/pkg/natbib>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dichockey>
 PKG-URL: <https://ctan.org/pkg/dichockey>
- Damanafshan, Vahid. *The ptext package. A 'lipsum' for Persian*. 2016-06-24. Version 1.1. LICENSE: lppl1.2
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 PKG-URL: <https://ctan.org/pkg/ptext>
- *The tabriz-thesis package. A template for the University of Tabriz*. 2019-07-25. Version 1.1. LICENSE: lppl1.3
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 PKG-URL: <https://ctan.org/pkg/tabriz-thesis>
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 PKG-URL: <https://ctan.org/pkg/yazd-thesis>
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 PKG-URL: <https://ctan.org/pkg/crudetype>
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 PKG-URL: <https://ctan.org/pkg/fontawesome>
- Danaux, Xavier and Stephan Lachnit. *The moderncv package. A modern curriculum vitae class*. 2022-02-21. Version 2.3.1. LICENSE: lppl1.3c
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 PKG-URL: <https://ctan.org/pkg/moderncv>
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 PKG-URL: <https://ctan.org/pkg/piano>
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 The package provides the environment `fullwidth`, which sets the left and right margins in a simple way. There is no constraint about page breaks; if you are using the twoside mode, you can set the inner and outer margins to avoid the effects of the different margins.
 URL: <https://mirror.ctan.org/macros/latex/contrib/fullwidth>
 PKG-URL: <https://ctan.org/pkg/fullwidth>
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 PKG-URL: <https://ctan.org/pkg/lengthconvert>
- Daniel, Marco and Elke Schubert. *The mdframed package. Framed environments that can split at page boundaries*. 2018-09-15. Version 1.9b. LICENSE: lppl

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

Danjean, Vincent. *The latex-make package. Easy compiling of complex (and simple) L^AT_EX documents.* 2021-10-26. Version 2.4.3. LICENSE: gpl
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 PKG-URL: <https://ctan.org/pkg/latex-make>

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

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

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

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 PKG-URL: <https://ctan.org/pkg/ctable>
- *The dtxgen package.* Creates a template for a self-extracting .dtx file. 2019-07-21. Version 1.08. LICENSE: gpl. The script creates a template for a self-extracting file. It is useful for those who plan to create a new Documented L^AT_EX Source () file.
 URL: <https://mirror.ctan.org/support/dtxgen>
 PKG-URL: <https://ctan.org/pkg/dtxgen>
 - *The isodoc package.* A L^AT_EX class for typesetting letters and invoices. 2021-06-25. Version 1.14. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
 PKG-URL: <https://ctan.org/pkg/isodoc>
 - *The ltxfileinfo package.* Print version information for a L^AT_EX file. 2016-06-24. Version 2.04. LICENSE: gpl. displays version information for L^AT_EX files. If no path information is given, the file is searched using . As an extra, for developers, the script will (use the or options) check the validity of the statements in the files. The script uses code from Uwe Lück's .
 URL: <https://mirror.ctan.org/support/ltxfileinfo>
 PKG-URL: <https://ctan.org/pkg/ltxfileinfo>
 - *The lug package.* Create and edit TeX Local User Group web pages. 2022-03-28. Version 3.00. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/lug>
 PKG-URL: <https://ctan.org/pkg/lug>
 - *The match_parens package.* Find mismatches of parentheses, braces, (angle) brackets, in texts. 2018-01-06. Version 1.43. LICENSE: gpl
 URL: https://mirror.ctan.org/support/match_parens
 PKG-URL: https://ctan.org/pkg/match_parens
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 URL: https://mirror.ctan.org/support/latex_maker
 PKG-URL: <https://ctan.org/pkg/mk>
 - *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.
 URL: <https://mirror.ctan.org/support/mkipic>
 PKG-URL: <https://ctan.org/pkg/mkipic>
 - *The proofread package.* Commands for inserting annotations. 2021-08-26. Version 1.04. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/proofread>
 PKG-URL: <https://ctan.org/pkg/proofread>
 - *The prv package.* Compile, preview, and print L^AT_EX documents. 2016-06-24. Version 0.7. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/support/prv>
 PKG-URL: <https://ctan.org/pkg/prv>
- Dekker, Wybo H. *The texlog-extract package.* Extract errors and warnings from TeX logs. 2019-02-05. Version 3.04. LICENSE: gpl

- URL: https://mirror.ctan.org/support/texlog_extract
 PKG-URL: <https://ctan.org/pkg/texlog-extract>
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 URL: https://mirror.ctan.org/support/view_print_ps_pdf
 PKG-URL: <https://ctan.org/pkg/vpp>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-2dplot>
 PKG-URL: <https://ctan.org/pkg/pst-2dplot>
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 PKG-URL: <https://ctan.org/pkg/pst-sigsys>
- Delmotte, Alain. *The pgf-soroban package. Create images of the soroban using TikZ/PGF.* 2016-06-24. Version 1.1. LICENSE: lppl. The package makes it possible to create pictures of the soroban (Japanese abacus) using
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
 PKG-URL: <https://ctan.org/pkg/pgf-soroban>
- *The pst-soroban package. Draw a Soroban using PSTricks.* 2018-09-15. Version 1.0. LICENSE: lppl. The package uses to draw a Japanese abacus, or soroban. The soroban is still used in Japan today.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-soroban>
 PKG-URL: <https://ctan.org/pkg/pst-soroban>
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 PKG-URL: <https://ctan.org/pkg/sffms>
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 PKG-URL: <https://ctan.org/pkg/ivd2dvi>
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 PKG-URL: <https://ctan.org/pkg/ElegantNote>
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 PKG-URL: <https://ctan.org/pkg/ElegantPaper>
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 PKG-URL: <https://ctan.org/pkg/LaTable>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/eslides>
 PKG-URL: <https://ctan.org/pkg/eslides>
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 URL: <https://mirror.ctan.org/support/LEd>
 PKG-URL: <https://ctan.org/pkg/LEd>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/modernposter>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mecaso>
 PKG-URL: <https://ctan.org/pkg/mecaso>
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 PKG-URL: <https://ctan.org/pkg/rangecite>
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 PKG-URL: <https://ctan.org/pkg/eiad>
- Derzhanski, Ivan A. *The tengtex package. Typesetting in Tolkien's Tengwar script*. 2020-03-09. Version 1.00. LICENSE: other-free. Typesets Eldarin language texts in Fëanorian Tengwar, using either the or the fonts. Versions of the macros for both L^AT_EX (2.09) and Plain TeX are provided.

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

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

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

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

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Dhawan, Amit Raj. *The font-change package. Macros to change text and mathematics fonts in plain TeX*. 2016-06-24. Version 2015.2. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/plain/contrib/font-change>
 PKG-URL: <https://ctan.org/pkg/font-change>

– *The font-change-xetex package. Macros to change text and mathematics fonts in plain XeTeX*. 2022-07-17. Version 2016.1. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/xetex/plain/font-change-xetex>
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 PKG-URL: <https://ctan.org/pkg/pst-uml>

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 URL: <https://mirror.ctan.org/macros/xetex/generic/zhspacing>
 PKG-URL: <https://ctan.org/pkg/zhspacing>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/nndraw>
 PKG-URL: <https://ctan.org/pkg/nndraw>
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 PKG-URL: <https://ctan.org/pkg/handoutWithNotes>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/fbithesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/avremu>
 PKG-URL: <https://ctan.org/pkg/avremu>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dataref>
 PKG-URL: <https://ctan.org/pkg/dataref>
- Dietrich, Olaf. *The sfmath package. Sans-serif mathematics*. 2016-06-24. Version 0.8. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sfmath/sfmath.sty>
 PKG-URL: <https://ctan.org/pkg/sfmath>
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 URL: <https://mirror.ctan.org/obsolete/info/latex2e-reference>
 PKG-URL: <https://ctan.org/pkg/latex2e-reference>
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 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/labelcas>
 PKG-URL: <https://ctan.org/pkg/labelcas>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/drs>
 PKG-URL: <https://ctan.org/pkg/drs>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/qtree>
 PKG-URL: <https://ctan.org/pkg/qtree>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/vcell>
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 PKG-URL: <https://ctan.org/pkg/nChairX>
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 PKG-URL: <https://ctan.org/pkg/SkakNew>
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 PKG-URL: <https://ctan.org/pkg/Exceltex>
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 PKG-URL: <https://ctan.org/pkg/oPlotSymb1>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-feynhand>
 PKG-URL: <https://ctan.org/pkg/TikZ-FeynHand>
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 URL: <https://mirror.ctan.org/support/texdiff>
 PKG-URL: <https://ctan.org/pkg/texdiff>
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 PKG-URL: <https://ctan.org/pkg/biblatex-gost>
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 LICENSE: lpp1
 URL: <https://mirror.ctan.org/macros/latex/contrib/footbib>
 PKG-URL: <https://ctan.org/pkg/footbib>
- *The hex package. Print a counter in hexadecimal*. 2016-06-24. LICENSE: noinfo. Defines a macro that takes a counter name as argument.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/hex.sty>
 PKG-URL: <https://ctan.org/pkg/hex>
- Domingo, Augustin Martin and Tilman Vogel. *The fragmaster package. Using psfrag with pdfLaTeX*. 2016-06-24. Version 1.6. LICENSE: gpl. Fragmaster enables you to use with pdfLaTeX. It takes EPS files and psfrag substitution definition files, and produces PDF and EPS files with the substitutions included.
 URL: <https://mirror.ctan.org/support/fragmaster>
 PKG-URL: <https://ctan.org/pkg/fragmaster>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dramatist>
 PKG-URL: <https://ctan.org/pkg/dramatist>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/parrun>
 PKG-URL: <https://ctan.org/pkg/parrun>
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 URL: <https://mirror.ctan.org/support/psfixbb>
 PKG-URL: <https://ctan.org/pkg/psfixbb>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/nih>
 PKG-URL: <https://ctan.org/pkg/nih>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/lt3rawobjects>
 PKG-URL: <https://ctan.org/pkg/lt3rawobjects>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/styledcmd>
 PKG-URL: <https://ctan.org/pkg/styledcmd>
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 PKG-URL: <https://ctan.org/pkg/xtuthesis>
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 URL: <https://mirror.ctan.org/info/gentle>
 PKG-URL: <https://ctan.org/pkg/gentle>

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 PKG-URL: <https://ctan.org/pkg/lion-msc>
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 PKG-URL: <https://ctan.org/pkg/losymbol>
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 URL: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongolian>
 PKG-URL: <https://ctan.org/pkg/lshort-mongolian>
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 URL: <https://mirror.ctan.org/support/ltx2rtf>
 PKG-URL: <https://ctan.org/pkg/ltx2rtf>
- Dörntge, Rainer. *The magic package. A font to go with the Magic(TM) game*. 2016-06-24. LICENSE: other-free. A small set of symbols appropriate to the game. The font is expressed in Metafont; unusually, the size-specific file is input by , rather than the other way around.
 URL: <https://mirror.ctan.org/fonts/magic>
 PKG-URL: <https://ctan.org/pkg/magic>
- Doron, Eyal. *The bibdb package. BibTeX bibliography manager for MS-Windows and MS-DOS*. 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/support/bibdb>
 PKG-URL: <https://ctan.org/pkg/bibdb>
- Dossena, Riccardo. *The old-arrows package. Computer Modern old-style arrows with smaller arrowheads*. 2017-01-05. Version 2.0. LICENSE: lppl1.3. This package provides Computer Modern old-style arrows with smaller arrowheads, associated with the usual L^AT_EX commands. It can be used in documents that contain other arrow characters that also have small arrowheads. It is also possible to use the usual new-style Computer Modern arrows together with the old-style ones.
 URL: <https://mirror.ctan.org/fonts/old-arrows>
 PKG-URL: <https://ctan.org/pkg/old-arrows>
- *The verifica package. Typeset (Italian high school) exercises*. 2020-10-10. Version 1.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/verifica>
 PKG-URL: <https://ctan.org/pkg/verifica>
- Downes, Michael J. *The aro-bend package. Exercises in TeX, with answers*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/info/challenges/aro-bend>
 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^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX 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>
- Dreys, 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^AT_EX*. 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>
- Drucbert, Jean-Pierre. *The export package. Import and export values of L^AT_EX 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^AT_EX"*. 2016-06-24. LICENSE: gpl. This is the French translation of , and describes how to use imported graphics in L^AT_EX(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^AT_EX 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: lpl. 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: lpl. 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: lpl. 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: lpl
 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: lpl. 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: lpl
 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: lpl
 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
 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: lpl1.3
 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/info/pictex>), 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^AT_EX.* 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^AT_EX 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^AT_EX 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^AT_EX 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>
 PKG-URL: <https://ctan.org/pkg/exp-testopt>
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- *The treedef package. Macros to typeset trees in Plain TeX.* 2021-08-26. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/treedef>
 PKG-URL: <https://ctan.org/pkg/treedef>
- Erickson, Jeff and Nelson H. F. Beebe. *The bibindex package. Index BibTeX files for fast searching.* 2017-04-18. Version 2.0. LICENSE: pd. A stand-alone tool for indexing BibTeX databases to be searched using the corresponding tool.
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibindex>
 PKG-URL: <https://ctan.org/pkg/bibindex>
- *The biblook package. Fast searching of BibTeX files.* 2017-04-18. Version 2.8. LICENSE: pd. A stand-alone tool for searching BibTeX documents which have been indexed by .
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibindex>
 PKG-URL: <https://ctan.org/pkg/biblook>
- Eriksen, Mikkel Eide. *The unicode-alphabets package. Macros for using characters from Unicode's Private Use Area.* 2020-03-11. LICENSE: cc-by-sa-4
 URL: <https://mirror.ctan.org/macros/latex/contrib/unicode-alphabets>
 PKG-URL: <https://ctan.org/pkg/unicode-alphabets>
- Erlebacher, Beverly. *The texi2roff package. Translate texinfo to troff.* 2016-06-24. Version 2.0. LICENSE: other-free. Texi2roff translates documents to nroff/troff (it does deal with Plain TeX or L^AT_EX sources). While the conversion is not complete, it provides a solid basis for translating most texinfo documentation.
 URL: <https://mirror.ctan.org/support/texi2roff>
 PKG-URL: <https://ctan.org/pkg/texi2roff>
- Esau, Nathan. *The uassign package. Environments and options for typesetting university assignments.* 2016-06-24. Version 1.01. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/uassign>
 PKG-URL: <https://ctan.org/pkg/uassign>
- Esbati, Arash. *The AnonymousPro package. Use AnonymousPro fonts with L^AT_EX.* 2019-07-12. Version 2.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/fonts/anonymouspro>
 PKG-URL: <https://ctan.org/pkg/AnonymousPro>
- *The Chivo package. Using the free Chivo fonts with L^AT_EX.* 2019-07-20. Version 2.1. LICENSE: ofl,lppl1.3c
 URL: <https://mirror.ctan.org/fonts/chivo>
 PKG-URL: <https://ctan.org/pkg/Chivo>
- *The rosario package. Using the free Rosario fonts with L^AT_EX.* 2019-07-20. Version 2.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/fonts/rosario>
 PKG-URL: <https://ctan.org/pkg/rosario>
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 URL: <https://mirror.ctan.org/dviware/dvichk>
 PKG-URL: <https://ctan.org/pkg/dvichk>
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 URL: <https://mirror.ctan.org/support/latexdb>
 PKG-URL: <https://ctan.org/pkg/LaTeXDB>
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 This package is considered obsolete; alternatives are the package from the bundle, or the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ansize>
 PKG-URL: <https://ctan.org/pkg/ansize>
- *The tetex package. Obsolete TeX distribution for Unix/Linux.* 2021-08-26. Version 3.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/obsolete/systems/unix/teTeX>
 PKG-URL: <https://ctan.org/pkg/tetex>
- Ettrich, Matthias. *The lyx package. Document processor based on L^AT_EX.* 2017-04-18. Version 1.3.2. LICENSE: gpl
 PKG-URL: <https://ctan.org/pkg/lyx>
- Ewasiuk, Kale. *The autopuncitems package. Automatically punctuate lists.* 2022-04-16. LICENSE: mit. This package provides the option in the environments `, ,` and `to` to automatically punctuate the items. It uses lua pattern matching to modify the environment's contents.
 URL: <https://mirror.ctan.org/macros/luatex/latex/autopuncitems>
 PKG-URL: <https://ctan.org/pkg/autopuncitems>
- *The lutabulartools package. lutabulartools provides some useful commands for tabular matter.* 2021-09-11. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/luatex/generic/lutabulartools>
 PKG-URL: <https://ctan.org/pkg/lutabulartools>
- *The penlight package. Penlight Lua libraries made available to LuaLaTeX users.* 2022-04-16. LICENSE: mit. This LuaLaTeX package provides a wrapper to use the Lua libraries with LuaLaTeX, with some extra functionality added.
 URL: <https://mirror.ctan.org/macros/luatex/generic/penlight>
 PKG-URL: <https://ctan.org/pkg/penlight>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/yamlvars>
 PKG-URL: <https://ctan.org/pkg/YAMLvars>
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 PKG-URL: <https://ctan.org/pkg/mluexercise>
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 URL: <https://mirror.ctan.org/support/pmxchords>
 PKG-URL: <https://ctan.org/pkg/pmxchords>
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 URL: <https://mirror.ctan.org/info/symbols/math>
 PKG-URL: <https://ctan.org/pkg/scriptfonts>

- *The texfaq package. A compilation of Frequently Asked Questions with answers.* 2021-12-29. Version 3.28. LICENSE: pd. The FAQ that has in the past been published in the UK TeX Users Group journal Baskerville. This is the last version released on CTAN in 2014. The actual TeX FAQ can be found on [http://www.ctan.org/texfaq](#). Some are also available.
 PKG-URL: <https://ctan.org/pkg/texfaq>
- Fairbairns, Robin and Karl Berry. *The tugboat package. LaTeX macros for TUGboat articles.* 2022-05-22. Version 2.27. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tugboat>
 PKG-URL: <https://ctan.org/pkg/tugboat>
- Fairbairns, Robin and David Carlisle. *The bold-extra package. Use bold small caps and typewriter fonts.* 2018-09-14. Version 0.1. LICENSE: lppl. Allows access to ‘extra’ bold fonts for Computer Modern OT1 encoding (the fonts are available in [http://www.ctan.org/fonts](#)). Since there is more than one bold tt-family font set, the version required is selected by a package option.
 URL: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
 PKG-URL: <https://ctan.org/pkg/bold-extra>
- *The capt-of package. Captions on more than floats.* 2018-09-14. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/capt-of>
 PKG-URL: <https://ctan.org/pkg/capt-of>
- *The captdef package. Declare free-standing \caption commands.* 2018-09-15. LICENSE: lppl. The command defines a class of caption command associated with the counter specified to the command. These commands are free-standing (i.e., don’t need to be inside a float environment). The package uses `\captionof` to define and `\caption`, which can be used outside figure or table environments.
 URL: <https://mirror.ctan.org/macros/latex/contrib/captdef>
 PKG-URL: <https://ctan.org/pkg/captdef>
- *The checklab package. A patch for the label-checking code.* 2018-09-13. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
 PKG-URL: <https://ctan.org/pkg/checklab>
- *The fixfoot package. Multiple use of the same footnote text.* 2018-09-15. Version 0.3a. LICENSE: lppl. Provides a command to provide a single command for a frequently-used footnote. The package ensures that only one instance of the footnote text appears on each page (LaTeX needs to be run several times to achieve this).
 URL: <https://mirror.ctan.org/macros/latex/contrib/fixfoot>
 PKG-URL: <https://ctan.org/pkg/fixfoot>
- *The fncylab package. Alter the format of \label references.* 2019-09-13. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/fncylab>
 PKG-URL: <https://ctan.org/pkg/fncylab>
- *The oldstyle package. Old style numbers in OT1 encoding.* 2018-09-15. Version 0.2. LICENSE: lppl. Font information needed to load the `oldstyle` and fonts for use to produce oldstyle numbers.
 URL: <https://mirror.ctan.org/macros/latex/contrib/oldstyle>
 PKG-URL: <https://ctan.org/pkg/oldstyle>
- Fairbairns, Robin and David Carlisle. *The secdot package. Section numbers with trailing dots.* 2018-09-15. Version 1.0. LICENSE: lppl. Makes the numbers of commands come out with a trailing dot. Includes a command whereby the same can be made to happen with other sectioning commands.
 URL: <https://mirror.ctan.org/macros/latex/contrib/secdot>
 PKG-URL: <https://ctan.org/pkg/secdot>

- *The subscript package*. Provides the `\textsubscript` command. 2018-09-13. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/fragments>
 PKG-URL: <https://ctan.org/pkg/subscript>
- *The topcapt package*. Place captions above figures or tables. 2018-09-15. Version 1.2. LICENSE: lppl. Defines a command which does the same as `\caption`, except that it places itself correctly when put above the figure/table that it's a caption of.
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/topcapt.sty>
 PKG-URL: <https://ctan.org/pkg/topcapt>
- *The verbatim package*. Define commands which expand to verbatim text. 2018-09-15. Version 0.2. LICENSE: lppl. The package defines a single command (which has a `*`-form, like `\verb`). `\verbatim` will define a robust command whose body expands to verbatim text. By using commands defined by `\verbatim`, one can put verbatim text into the arguments of commands; since the defined command is robust, it doesn't matter if the argument is moving. (Full details of syntax and caveats about use are in comments in the file itself.)
 URL: <https://mirror.ctan.org/macros/latex/contrib/verbatim>
 PKG-URL: <https://ctan.org/pkg/verbatim>
- *The vmspell package*. A spell-checker for VMS systems. 2018-09-15. LICENSE: pd
 URL: <https://mirror.ctan.org/support/vmspell>
 PKG-URL: <https://ctan.org/pkg/vmspell>
- Fairbairns, Robin, Angus Duggan, Rainer Schöpf, Victor Eijkhout, and David Carlisle. *The moreverb package*. Extended verbatim. 2018-09-14. Version 2.3a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/moreverb>
 PKG-URL: <https://ctan.org/pkg/moreverb>
- Fairbairns, Robin, Max Hailperin, and David Carlisle. *The chappg package*. Page numbering by chapter. 2018-09-15. Version 2.1b. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/chappg>
 PKG-URL: <https://ctan.org/pkg/chappg>
- Fairbairns, Robin and Frank Mittelbach. *The footmisc package*. A range of footnote options. 2022-03-08. Version 6.0d. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/footmisc>
 PKG-URL: <https://ctan.org/pkg/footmisc>
- Fairbairns, Robin, Hubert Partl, and Frank Mittelbach. *The parskip package*. Layout with zero `\parindent`, non-zero `\parskip`. 2021-03-14. Version 2.0h. LICENSE: lppl1.3c. Simply changing and leaves a layout that is untidy; this package (though it is no substitute for a properly-designed class) helps alleviate this untidiness.
 URL: <https://mirror.ctan.org/macros/latex/contrib/parskip>
 PKG-URL: <https://ctan.org/pkg/parskip>
- Fairbairns, Robin, Sebastian Rahtz, and The LaTeX Project Team. *The rotating package*. Rotation tools, including rotated full-page floats. 2021-06-01. Version 2.16d. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/graphics>
 PKG-URL: <https://ctan.org/pkg/rotating>
- Fairbairns, Robin and Christina Thiele. *The nrc package*. Class for the NRC technical journals. 2016-06-24. Version 2.01a. LICENSE: lppl. Macros, and some documentation, for typesetting papers for submission to journals published by the National Research Council Research Press. At present, only (for two-column layout) should be used.
 URL: <https://mirror.ctan.org/macros/latex/contrib/nrc>
 PKG-URL: <https://ctan.org/pkg/nrc>

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 URL: <https://mirror.ctan.org/graphics/figput>
 PKG-URL: <https://ctan.org/pkg/figput>
- Faist, Philippe. *The phfcc package. Convenient inline commenting in collaborative documents*. 2021-10-15. Version 2.0. LICENSE: lpl1.3. Easily define helper macros to insert comments in a L^AT_EX document. A convenient syntax enables you to mark text additions (e.g., “” or “”), an in-line comment (e.g., “”), and text removals (e.g., “”). New colors are assigned automatically to each commenter by default, and the appearance of all comments is highly customizable.
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfcc>
 PKG-URL: <https://ctan.org/pkg/phfcc>
- *The phfextendedabstract package. Typeset extended abstracts for conferences, such as often encountered in quantum information theory*. 2021-09-11. Version 1.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfextendedabstract>
 PKG-URL: <https://ctan.org/pkg/phfextendedabstract>
 - *The phffullpagefigure package. Figures which fill up a whole page*. 2017-04-18. Version 1.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/phffullpagefigure>
 PKG-URL: <https://ctan.org/pkg/phffullpagefigure>
 - *The phfnote package. Basic formatting for short documents*. 2021-10-11. Version 4.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfnote>
 PKG-URL: <https://ctan.org/pkg/phfnote>
 - *The phfparen package. Parenthetic math expressions made simpler and less redundant*. 2017-04-18. Version 1.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfparen>
 PKG-URL: <https://ctan.org/pkg/phfparen>
 - *The phfqit package. Macros for typesetting Quantum Information Theory*. 2021-10-11. Version 4.1. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfqit>
 PKG-URL: <https://ctan.org/pkg/phfqit>
 - *The phfquotetext package. Quote verbatim text without white space formatting*. 2017-04-18. Version 1.0. LICENSE: lpl1.3. This package provides an environment for displaying block text with special characters, such as verbatim quotes from a referee report which may contain pseudo-(La)TeX code. This behaves like a environment, except that it displays its content as normal paragraph content, ignoring any white space preformatting.
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfquotetext>
 PKG-URL: <https://ctan.org/pkg/phfquotetext>
 - *The phfsvnwatermark package. Watermarks with version control information from SVN*. 2017-04-18. Version 1.0. LICENSE: lpl1.3. This package allows you to add version control information as a gray watermark on each page of your document. The SVN info is read from keyword tags such as , , and via the or packages.
 URL: <https://mirror.ctan.org/macros/latex/contrib/phfsvnwatermark>
 PKG-URL: <https://ctan.org/pkg/phfsvnwatermark>
- Faist, Philippe. *The phfthm package. Goodies for theorems and proofs*. 2021-10-11. Version 1.2. LICENSE: lpl1.3. This package provides enhanced theorem and proof environments based on the original versions. It allows for hooks to be placed, adds some default goodies and is highly customizable. In particular, it can

- connect theorems to proofs, automatically producing text such as “See proof on page XYZ” and “Proof of Theorem 4: ...”.
- URL: <https://mirror.ctan.org/macros/latex/contrib/phfthm>
 PKG-URL: <https://ctan.org/pkg/phfthm>
- Falco, Marc de. *The tikz-inet package. Draw interaction nets with TikZ*. 2016-06-24. Version 0.1. LICENSE: lpl
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-inet>
 PKG-URL: <https://ctan.org/pkg/tikz-inet>
- Faltin, Felix. *The iodhbwm package. Unofficial template of the DHBW Mannheim*. 2021-02-17. Version 1.2.2. LICENSE: lpl1.3. This package provides an template of the for the creation of bachelor thesis, studies or project work with L^AT_EX. The aim of the package is the quick creation of a basic framework without much effort.
 URL: <https://mirror.ctan.org/macros/latex/contrib/iodhbwm>
 PKG-URL: <https://ctan.org/pkg/iodhbwm>
- Fan, James. *The seuthesix package. LaTeX class for theses at Southeast University, Nanjing, China*. 2017-04-18. Version 1.0.1. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/seuthesix>
 PKG-URL: <https://ctan.org/pkg/seuthesix>
- Farar, Pavel. *The dejavu package. LaTeX support for the DejaVu fonts*. 2017-10-02. Version 2.34. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/dejavu>
 PKG-URL: <https://ctan.org/pkg/dejavu>
- *The paratype package. LaTeX support for free fonts by ParaType*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/paratype>
 PKG-URL: <https://ctan.org/pkg/paratype>
 - *The ptsans package. PT Sans font and L^AT_EX support*. 2016-06-24. Version 2.003. LICENSE: other-free
 URL: <https://mirror.ctan.org/obsolete/fonts/ptsans>
 PKG-URL: <https://ctan.org/pkg/ptsans>
 - *The ptserif package. PT Serif font and L^AT_EX support*. 2016-06-24. Version 1.000. LICENSE: other-free
 URL: <https://mirror.ctan.org/obsolete/fonts/ptserif>
 PKG-URL: <https://ctan.org/pkg/ptserif>
- Farley, Nathanael. *The gurps package. Typeset Generic Universal Role Playing System (GURPS) materials*. 2019-06-21. Version 0.1.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/luatex/latex/gurps>
 PKG-URL: <https://ctan.org/pkg/gurps>
- Farnbach, Rick and Paul Furnanz. *The newalg package. Format algorithms like Cormen, Leiserson and Rivest*. 2016-06-24. LICENSE: noinfo. For comparison, see Cormen’s own .
 URL: <https://mirror.ctan.org/macros/latex/contrib/newalg>
 PKG-URL: <https://ctan.org/pkg/newalg>
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 URL: <https://mirror.ctan.org/language/maltese>
 PKG-URL: <https://ctan.org/pkg/maltese>
- Fasada. *The lxm1 package. A letter-generator that produces L^AT_EX output*. 2016-06-24. LICENSE: nosell
 URL: <https://mirror.ctan.org/support/lxm1>
 PKG-URL: <https://ctan.org/pkg/lxm1>
- Faulhammer, Christian. *The dante-book-reviews package. Book reviews published in DANTE’s journal*. 2016-06-24. LICENSE: nocommercial. A series of book reviews published in DANTE’s journal “ ” from 2004, by a

- number of authors. The project was initiated by Christian Faulhammer.
 URL: https://mirror.ctan.org/info/digests/dtk/book_reviews
 PKG-URL: <https://ctan.org/pkg/dante-book-reviews>
- Fauske, Kjell Magne. *The dot2tex package. Convert graphs generated by Graphviz to L^AT_EX friendly formats.* 2018-09-15. Version 2.7.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/graphics/dot2tex>
 PKG-URL: <https://ctan.org/pkg/dot2tex>
- *The dot2texi package. Create graphs within L^AT_EX using the dot2tex tool.* 2018-09-15. Version 3.0. LICENSE: gpl. The dot2texi package allows you to embed graphs in the DOT graph description language in your L^AT_EX documents. The tool is used to invoke for graph layout, and to transform the output from Graphviz to L^AT_EX code. The generated code relies on the package or the package. The process is automated if shell escape is enabled.
 URL: <https://mirror.ctan.org/macros/latex/contrib/dot2texi>
 PKG-URL: <https://ctan.org/pkg/dot2texi>
- Fedor, Adam. *The mactotex package. Convert "Macintosh PostScript" for use with TeX.* 2016-06-24. LICENSE: noinfo. The program cleans out all the irrelevant things that the MACOS applications used to add, and restructures so that the files can be "used with TeX". The documentation talks about using , but it doesn't seem likely that this is actually necessary, 15 years after the program was written.
 URL: <https://mirror.ctan.org/graphics/mactotex>
 PKG-URL: <https://ctan.org/pkg/mactotex>
- Feffin, Elia Arnese. *The chemplants package. Symbology to draw chemical plants with TikZ.* 2021-09-25. Version 0.9.9. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/chemplants>
 PKG-URL: <https://ctan.org/pkg/chemplants>
- Fehd, Ronald J. *The sugconf package. SAS(R) user group conference proceedings document class.* 2021-04-03. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/conferences/sugconf>
 PKG-URL: <https://ctan.org/pkg/sugconf>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/umthesis>
 PKG-URL: <https://ctan.org/pkg/umthesis>
- Fenn, Jürgen. *The templates-fenn package. Templates for TeX usage.* 2017-04-18. LICENSE: lppl. A set of templates for using L^AT_EX packages that the author uses, comprising: – scrlltr2.tex: a letter, written with scrlltr2.cls from the ; – dinbrief.tex: a letter according to the German (DIN) standards, written with ; – kbrieftex: a brief memo ("Kurzbrief") to accompany enclosures, as used in German offices, again based on ; – vermerk.tex: a general form for taking down notes on events in the office; and – diabetes.tex: a diary for the basis-bolus insulin therapy of diabetes mellitus, using scartcl.cls from the .
 URL: <https://mirror.ctan.org/info/templates/fenn>
 PKG-URL: <https://ctan.org/pkg/templates-fenn>
- Fenn, Jürgen. *The wordlike package. Simulating word processor layout.* 2016-06-24. Version 1.2b. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/wordlike>
 PKG-URL: <https://ctan.org/pkg/wordlike>
- Fennell, James. *The Student Handouts package. Management and styling of student handout projects.* 2019-06-21. Version 1.0. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/latex/contrib/studenthandouts>
- Ferguson, George. *The code package. Typeset "code" in verbatim*. 2016-06-24. LICENSE: noinfo. Uses the package to typeset code, and offers alignment and positioning options, as well as the possibility of framing the code sample.
URL: <https://mirror.ctan.org/macros/latex209/contrib/code>
PKG-URL: <https://ctan.org/pkg/code>
- Ferguson, Michael J. *The inrstex package. Extended Plain TeX for use with MLTeX*. 2016-06-24. LICENSE: noinfo. INRSTeX supports the preparation of documents in several languages, using ordinary fonts. It is usable with any TeX system, but is most useful when using ordinary CM fonts with an system. The macros include support for PostScript graphics.
URL: <https://mirror.ctan.org/macros/inrstex>
PKG-URL: <https://ctan.org/pkg/inrstex>
- Fernandes, Diogo A. B. *The academicons package. Font containing high quality icons of online academic profiles*. 2022-03-10. Version 1.9.1-2. LICENSE: lppl1.3c,ofl
URL: <https://mirror.ctan.org/fonts/academicons>
PKG-URL: <https://ctan.org/pkg/academicons>
- Fernandez, Jose Ra Portillo. *The spain package. Bibliography style for Spanish documents*. 2016-06-24. LICENSE: lppl
URL: <https://mirror.ctan.org/biblio/bibtex/contrib/spain>
PKG-URL: <https://ctan.org/pkg/spain>
- Fernández, José Alberto and Thorsten Hansen. *The bibunits package. Multiple bibliographies in one document*. 2016-06-24. Version 2.2. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/bibunits>
PKG-URL: <https://ctan.org/pkg/bibunits>
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PKG-URL: <https://ctan.org/pkg/amsmath-it>
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PKG-URL: <https://ctan.org/pkg/UnBTeX>
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PKG-URL: <https://ctan.org/pkg/bibplain>
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URL: <https://mirror.ctan.org/macros/latex/contrib/pdfmarginpar>
PKG-URL: <https://ctan.org/pkg/pdfmarginpar>

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 PKG-URL: <https://ctan.org/pkg/pgfplots>
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 PKG-URL: <https://ctan.org/pkg/pgfplotstable>
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 URL: <https://mirror.ctan.org/obsolete/systems/windows/protext>
 PKG-URL: <https://ctan.org/pkg/protext>
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 PKG-URL: <https://ctan.org/pkg/aobs-tikz>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer2thesis>
 PKG-URL: <https://ctan.org/pkg/beamer2thesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/dynblocks>
 PKG-URL: <https://ctan.org/pkg/dynblocks>
 - *The engtlc package. Support for users in Telecommunications Engineering.* 2016-06-24. Version 3.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/engtlc>
 PKG-URL: <https://ctan.org/pkg/engtlc>
 - *The hf-tikz package. A simple way to highlight formulas and formula parts.* 2016-06-24. Version 0.3a. LICENSE: lppl1.3. The package provides a way to highlight formulas and formula parts in both documents and presentations, us .
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/hf-tikz>
 PKG-URL: <https://ctan.org/pkg/hf-tikz>
 - *The sa-tikz package. TikZ library to draw switching architectures.* 2018-01-06. Version 0.7a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/sa-tikz>
 PKG-URL: <https://ctan.org/pkg/sa-tikz>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/smartdiagram>
 PKG-URL: <https://ctan.org/pkg/smartdiagram>
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 PKG-URL: <https://ctan.org/pkg/lfb>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/crossreference>
 PKG-URL: <https://ctan.org/pkg/crossreference>

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

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

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 URL: <https://mirror.ctan.org/language/serbian/filipovic/he-le-na>
 PKG-URL: <https://ctan.org/pkg/he-le-na>

— *The serbian-apostrophe package. Commands for Serbian words with apostrophes*. 2016-06-24. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/language/serbian/filipovic/serbian-apostrophe>
 PKG-URL: <https://ctan.org/pkg/serbian-apostrophe>

— *The serbian-book package. Support for use of memoir in Serbian*. 2016-06-24. LICENSE: gpl. The package provides a number of commands for adjusting output to Serbian style.
 URL: <https://mirror.ctan.org/macros/latex/contrib/srbook-mem>
 PKG-URL: <https://ctan.org/pkg/serbian-book>

— *The serbian-date-lat package. Updated date typesetting for Serbian*. 2016-06-24. LICENSE: gpl2. defines dates for Serbian texts, in Latin script. The style it uses does not match current practices. The present package defines a command that solves the problem.
 URL: <https://mirror.ctan.org/language/serbian/filipovic/serbian-date-lat>
 PKG-URL: <https://ctan.org/pkg/serbian-date-lat>

— *The serbian-def-cyr package. Serbian cyrillic localization*. 2016-06-24. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/serbian-def-cyr>
 PKG-URL: <https://ctan.org/pkg/serbian-def-cyr>

— *The serbian-lig package. Control ligatures in Serbian*. 2019-12-14. LICENSE: lppl1.3. The package suppresses and (and other ligatures) in Serbian text written using Roman script.
 URL: <https://mirror.ctan.org/language/serbian/filipovic/serbian-lig>
 PKG-URL: <https://ctan.org/pkg/serbian-lig>

— *The serbianpart package. Redefines \thepart to be used in Roman lettered Serbian*. 2018-01-07. LICENSE: gpl. The package redefines , to produce “PART <alphabetical version of the number>”, in Roman lettered Serbian.
 URL: <https://mirror.ctan.org/macros/latex/contrib/serbianpart>
 PKG-URL: <https://ctan.org/pkg/serbianpart>

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 URL: <https://mirror.ctan.org/language/serbian/filipovic/sr-half-compound>
 PKG-URL: <https://ctan.org/pkg/sr-half-compound>

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 URL: <https://mirror.ctan.org/language/serbian/filipovic/sr-hyphen-spec>
 PKG-URL: <https://ctan.org/pkg/sr-hyphen-spec>
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 URL: <https://mirror.ctan.org/language/hyphenation/elhyphen>
 PKG-URL: <https://ctan.org/pkg/elhyphen>
- *The gentl-gr package. Modern Greek translation of the Gentle Introduction to TeX.* 2018-01-06. LICENSE: nosell
 URL: <https://mirror.ctan.org/info/greek/gentle>
 PKG-URL: <https://ctan.org/pkg/gentl-gr>
- *The hyphenation-greek package. Hyphenation patterns for ancient and modern Greek.* 2016-06-24. Version 4.0. LICENSE: lppl. Contains the hyphenation patterns for ancient Greek and modern Greek in polytonic (multi-accent) and monotonic (uni-accent) systems. The hyphenation patterns will work perfectly with the babel option or with Dryllerakis' GreekTeX. The patterns can easily be converted for use with the fonts (see the package), or with Omega/Lambda (see the package). For any other Greek package, the patterns will have to be re-coded.
 URL: <https://mirror.ctan.org/language/hyphenation/elhyphen>
 PKG-URL: <https://ctan.org/pkg/hyphenation-greek>
- Fine, Jonathan. *The outerhbox package. Collect horizontal material for contributing to a paragraph.* 2020-04-11. Version 1.2. LICENSE: gpl. The package provides the command, which is similar to , except that material is set in outer horizontal mode. This prevents TeX from optimising away maths penalties and the like, that are needed when the material is 'ed.
 URL: <https://mirror.ctan.org/macros/generic/misc/outerhbox.sty>
 PKG-URL: <https://ctan.org/pkg/outerhbox>
- *The tex2tok package. Convert a TeX source file into tokens.* 2016-06-24. Version 1.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/tex2tok>
 PKG-URL: <https://ctan.org/pkg/tex2tok>
- Fine, Michael. *The tabverb package. Verbatim text respecting TAB characters.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabverb.sty>
 PKG-URL: <https://ctan.org/pkg/tabverb>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/corridx>
 PKG-URL: <https://ctan.org/pkg/corridx-latex>
- *The corridx-obsolete package. Add index entries to L^AT_EX document.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/indexing/corridx>
 PKG-URL: <https://ctan.org/pkg/corridx-obsolete>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tabularborder>
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URL: <https://mirror.ctan.org/macros/latex/contrib/boldtensors>
PKG-URL: <https://ctan.org/pkg/boldtensors>
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URL: <https://mirror.ctan.org/info/amiweb2c-guide>
PKG-URL: <https://ctan.org/pkg/amiweb2c-guide>
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PKG-URL: <https://ctan.org/pkg/chemsec>
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URL: <https://mirror.ctan.org/graphics/3DLDf>
PKG-URL: <https://ctan.org/pkg/3DLDf>
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URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-unified>
PKG-URL: <https://ctan.org/pkg/biblatex-unified>
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PKG-URL: <https://ctan.org/pkg/algorithm2e>
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PKG-URL: <https://ctan.org/pkg/pdfjam>
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URL: <https://mirror.ctan.org/obsolete/support/ktexshell>
PKG-URL: <https://ctan.org/pkg/KTeXShell>
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URL: <https://mirror.ctan.org/macros/latex/contrib/bearwear>
PKG-URL: <https://ctan.org/pkg/bearwear>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/chessboard>
 PKG-URL: <https://ctan.org/pkg/chessboard>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chessfss>
 PKG-URL: <https://ctan.org/pkg/chessfss>
 - *The citeall package. Cite all entries of a bbl created with BibLaTeX.* 2017-12-03. Version 1.4. LICENSE: lppl1.3. This small package allows to cite all entries of a -file created with (v1.9).
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/citeall>
 PKG-URL: <https://ctan.org/pkg/citeall>
 - *The combofont package. Add NFSS-declarations of combo fonts to LuaLaTeX documents.* 2019-06-08. Version 0.3. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/luatex/latex/combofont>
 PKG-URL: <https://ctan.org/pkg/combofont>
 - *The enpassant package. Enpassant chess font support.* 2016-06-24. Version 1.1. LICENSE: lppl. The package contains the necessary files to use free chess fonts from the (or on CTAN), with (La)TeX. For some of the fonts the pfb-file is also part of the package, or is available elsewhere on CTAN. For others the pfb must be made from the original ttf from the enpassant site. Instructions about the conversion and the use of the font can be found in the documentation of chessfss.
 URL: <https://mirror.ctan.org/fonts/chess/enpassant>
 PKG-URL: <https://ctan.org/pkg/enpassant>
 - *The fontloader-luaotfload package. Alternative fontloaders for luaotfload.* 2018-09-30. Version 1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/obsolete/macros/luatex/generic/fontloader-luaotfload>
 PKG-URL: <https://ctan.org/pkg/fontloader-luaotfload>
 - *The newpax package. Experimental package to extract and reinsert PDF annotations.* 2022-09-15. Version 0.53. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/newpax>
 PKG-URL: <https://ctan.org/pkg/newpax>
 - *The returntogrid package. Semi-automatic grid typesetting.* 2018-08-24. Version 0.2. LICENSE: lppl1.3c. offers a few commands to get something like an simple, semi-automatic grid typesetting. It does more or less what the existing package does. The main differences to are that works also with LuaLaTeX and that it has also a command to do some horizontal movements to get to "tab" positions.
 URL: <https://mirror.ctan.org/macros/latex/contrib/returntogrid>
 PKG-URL: <https://ctan.org/pkg/returntogrid>
 - *The tagpdf package. Tools for experimenting with tagging using pdfLaTeX and LuaLaTeX.* 2022-08-24. Version 0.97. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/tagpdf>
 PKG-URL: <https://ctan.org/pkg/tagpdf>
 - *The xskak package. An extension to the skak package for chess typesetting.* 2019-06-23. Version 1.5. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/xskak>
 PKG-URL: <https://ctan.org/pkg/xskak>
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 LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpeople>
 PKG-URL: <https://ctan.org/pkg/tikzpeople>
- Flipo, Daniel. *The babel-french package. Babel contributed support for French.* 2022-04-22. Version 3.5n.
 LICENSE: lpl1.3. The package, formerly known as , establishes French conventions in a document (or a subset of the conventions, if French is not the main language of the document).
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/french>
 PKG-URL: <https://ctan.org/pkg/babel-french>
- *The concmath-otf package. Concrete based OpenType Math font.* 2022-10-06. Version 0.23. LICENSE: ofl,lpl1.3
 URL: <https://mirror.ctan.org/fonts/concmath-otf>
 PKG-URL: <https://ctan.org/pkg/concmath-otf>
 - *The erewhon-math package. Utopia based OpenType Math font.* 2022-05-05. Version 0.53. LICENSE: ofl,lpl1.3. OpenType version of the Type1 fonts designed by Michel Bovani.
 URL: <https://mirror.ctan.org/fonts/erewhon-math>
 PKG-URL: <https://ctan.org/pkg/erewhon-math>
 - *The frhyph package. French hyphenation patterns.* 2016-11-05. Version 2.12. LICENSE: other-free
 URL: <https://mirror.ctan.org/language/hyphenation/frhyph.tex>
 PKG-URL: <https://ctan.org/pkg/frhyph>
 - *The kpfonts-otf package. OpenType version of the kpfonts (Type1) designed by Christophe Caignaert.* 2022-10-06. Version 0.45. LICENSE: ofl,lpl1.3
 URL: <https://mirror.ctan.org/fonts/kpfonts-otf>
 PKG-URL: <https://ctan.org/pkg/kpfonts-otf>
 - *The lettrine package. Typeset dropped capitals.* 2022-09-25. Version 2.30. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/lettrine>
 PKG-URL: <https://ctan.org/pkg/lettrine>
 - *The lua-typo package. Highlighting typographical flaws with LuaLaTeX.* 2021-06-02. Version 0.50. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/luatex/latex/lua-typo>
 PKG-URL: <https://ctan.org/pkg/lua-typo>
 - *The neo-euler package. OpenType version of Hermann Zapf's Euler maths font.* 2022-10-08. Version 0.21. LICENSE: ofl,lpl1.3
 URL: <https://mirror.ctan.org/fonts/neo-euler>
 PKG-URL: <https://ctan.org/pkg/neo-euler>
 - *The tabvar package. Typesetting tables showing variations of functions.* 2022-07-17. Version 1.8. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabvar>
 PKG-URL: <https://ctan.org/pkg/tabvar>
- Flipo, Daniel. *The xcharter-math package. XCharter-based OpenType Math font for LuaTeX and XeTeX.* 2022-10-08. Version 0.34. LICENSE: ofl,lpl1.3. This package provides an Unicode Math font meant to be used together with (extension of Bitstream Charter) in LuaLaTeX or XeLaTeX documents.
 URL: <https://mirror.ctan.org/fonts/xcharter-math>
 PKG-URL: <https://ctan.org/pkg/xcharter-math>

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 URL: <https://mirror.ctan.org/fonts/yfonts-otf>
 PKG-URL: <https://ctan.org/pkg/yfonts-otf>
- Flipo, Daniel and Laurent Siebenmann. *The hyacc-cm package*. Hyphenation using 7-bit fonts. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/hyacc-cm>
 PKG-URL: <https://ctan.org/pkg/hyacc-cm>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cprotect>
 PKG-URL: <https://ctan.org/pkg/cprotect>
- *The gtl package*. Manipulating generalized token lists. 2018-12-29. Version 0.5. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/gtl>
 PKG-URL: <https://ctan.org/pkg/gtl>
- *The morewrites package*. Always room for a new write stream. 2018-12-29. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/morewrites>
 PKG-URL: <https://ctan.org/pkg/morewrites>
- *The multiexpand package*. Variations on the primitive command `\expandafter`. 2020-08-29. Version 1.5. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/multiexpand>
 PKG-URL: <https://ctan.org/pkg/multiexpand>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/randomwalk>
 PKG-URL: <https://ctan.org/pkg/randomwalk>
- *The reverxii package*. Playing Reversi in TeX. 2022-06-28. LICENSE: lppl1.3c. Following the lead of , this little (938 characters) program that plays Reversi. (The program incorporates some primitive AI.)
 URL: <https://mirror.ctan.org/macros/generic/reverxii>
 PKG-URL: <https://ctan.org/pkg/reverxii>
- *The unravel package*. Watching TeX digest tokens. 2021-05-12. Version 0.3a. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/unravel>
 PKG-URL: <https://ctan.org/pkg/unravel>
- Floré, Matthias. *The liftarm package*. Draw liftarms. 2022-04-07. Version 2.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/liftarm>
 PKG-URL: <https://ctan.org/pkg/liftarm>
- *The wheelchart package*. Draw wheelcharts with TikZ. 2022-09-14. Version 1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/wheelchart>
 PKG-URL: <https://ctan.org/pkg/wheelchart>
- Floros, Matt. *The psu-thesis package*. Package for writing a thesis at Penn State University. 2019-02-26. Version 1.1. LICENSE: lppl
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- *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.
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- *The texdepend package. Find dependencies in a L^AT_EX file.* 2020-05-05. Version 0.92. LICENSE: lppl. A Perl script for finding dependencies in a L^AT_EX file. The script reads a file, and (recursively) all and files referenced therein to build dependencies from the source files scanned, packages (as in), and figures (loaded using).
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/slem.sty>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
 PKG-URL: <https://ctan.org/pkg/pst-blur>
- *The pst-slpe package. Sophisticated colour gradients*. 2018-09-15. Version 1.31. LICENSE: lppl. This package covers all the colour gradient functionality of pst-grad (part of the base PSTricks distribution), and provides the following facilities:
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bashful>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>
 PKG-URL: <https://ctan.org/pkg/headerfooter>
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 URL: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
 PKG-URL: <https://ctan.org/pkg/underlin-generic>
- Gilg, Jürgen. *The cookybooky package*. A L^AT_EX based package to easily typeset some professional looking cooking recipes. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/cookybooky>
 PKG-URL: <https://ctan.org/pkg/cookybooky>
- Gilg, Jürgen, Manuel Luque, and Aubrey Jaffer. *The pst-marble package*. A PSTricks package to draw marble-like patterns. 2019-05-01. Version 1.6. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
 PKG-URL: <https://ctan.org/pkg/pst-marble>
- 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.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-electricfield>
 PKG-URL: <https://ctan.org/pkg/pst-electricfield>
- Gilg, Jürgen, Manuel Luque, and Jean-Michel Sarlat. *The pst-moire package*. A PSTricks package to draw moiré patterns. 2021-09-03. Version 2.2. LICENSE: lppl1.3c. This is a package to draw moiré patterns.

- URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-moire>
 PKG-URL: <https://ctan.org/pkg/pst-moire>
- Gilg, Jürgen, Manuel Luque, and Herbert Voß. *The pst-magneticfield package. Plotting a magnetic field with PSTricks*. 2022-07-06. Version 1.17. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-magneticfield>
 PKG-URL: <https://ctan.org/pkg/pst-magneticfield>
- Gill, Richard and J C Loredo-Osti. *The prodint package. A font that provides the product integral symbol*. 2016-06-24. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/prodint>
 PKG-URL: <https://ctan.org/pkg/prodint>
- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
 PKG-URL: <https://ctan.org/pkg/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/skills>
 PKG-URL: <https://ctan.org/pkg/skills>
- Girou, Denis. *The piechart package. Simple pie-charts with PSTricks*. 2016-06-24. LICENSE: noinfo. A pair of shell+AWK scripts that uses small parameter files to generate pie-charts (expressed as (La)TeX code using).
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/piechart>
 PKG-URL: <https://ctan.org/pkg/piechart>
- *The pst-fr3d package. Draw 3-dimensional framed boxes using PSTricks*. 2016-06-24. Version 1.10. LICENSE: lppl. A package using to draw three dimensional framed boxes using a macro . The macro is especially useful for drawing 3d-seeming buttons.
 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>
- Girou, Denis and Peter Kleiweg. *The pst-light3d package. Three dimensional lighting effects (PSTricks)*. 2018-09-15. Version 0.12. LICENSE: lppl. A package for three dimensional lighting effects on characters and PSTricks graphics, like lines, curves, plots, ...
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
 PKG-URL: <https://ctan.org/pkg/pst-light3d>
- Girou, Denis and Herbert Voß. *The pst-fill package. Fill or tile areas with PSTricks*. 2021-10-01. Version 1.02. LICENSE: lppl. Pst-fill is a -based package for filling and tiling areas or characters.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
 PKG-URL: <https://ctan.org/pkg/pst-fill>
- Girou, Denis and Herbert Voß. *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
 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>
- *The pst-ob3d package. Three dimensional objects using PSTricks.* 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.
URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
PKG-URL: <https://ctan.org/pkg/pst-ob3d>
- *The pst-poly package. Polygons with PSTricks.* 2018-09-15. Version 1.63. LICENSE: lppl
URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
PKG-URL: <https://ctan.org/pkg/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L^AT_EX.* 2018-09-15. Version 0.11. LICENSE: lppl
URL: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
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
URL: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
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>
PKG-URL: <https://ctan.org/pkg/eqnnumwarn>
- 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>
- *The chicagooa package. “Chicago” bibliography style with annotations.* 2016-06-24. LICENSE: other-free. 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/chicagooa.bst>
PKG-URL: <https://ctan.org/pkg/chicagooa>
- Gliboff, Sander. *The biblatex-historian package. A BibLaTeX style.* 2016-06-24. Version 0.4. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
PKG-URL: <https://ctan.org/pkg/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts.* 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.
URL: <https://mirror.ctan.org/fonts/cyrillic/glonti>
PKG-URL: <https://ctan.org/pkg/glonti>

- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
 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>
- Göbel, Jürgen. *The savesym package. Redefine symbols where names conflict*. 2016-06-24. Version 1.2. LICENSE: lppl. There are a number of symbols (e.g.,) that are defined by several packages. In order to typeset all the variants in a document, we have to give the glyph a unique name. To do that, we define , which renames a symbol from to , and , which renames back to and defines a new command, , which corresponds to the most recently loaded version of .
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
 PKG-URL: <https://ctan.org/pkg/tufte-latex>
- Goel, Anil. *The figsinltx package. A tutorial on figures in L^AT_EX 2.09*. 2018-01-06. Version 1.1. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
 PKG-URL: <https://ctan.org/pkg/figsinltx>
- *The ltablex package. Table package extensions*. 2017-09-28. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
 PKG-URL: <https://ctan.org/pkg/ltablex>
- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/autoview>
 PKG-URL: <https://ctan.org/pkg/autoview>
- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool*. 2016-06-18. Version 1.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/qbibman>
 PKG-URL: <https://ctan.org/pkg/qbibman>

- Goldasz, Janusz, Ryszard Kubiak, Tomasz Przechlewski, and Marcin Serwin. *The lshort-polish package. Introduction to L^AT_EX in Polish*. 2022-05-13. Version 6.4PL1. LICENSE: gpl2+. This is the Polish translation of .
 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^AT_EX in T1 encoding*. 2016-06-24. Version 1.5. LICENSE: lpp1
 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>
- Gomes, Hugo. *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ*. 2021-07-04. Version 2.1.2. LICENSE: lpp1.3
 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^AT_EX mode for the jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX 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>
- Goodman, Donald P. *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”)*. 2018-05-11. Version 7.2. LICENSE: lpl1.3
 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>
 - *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^AT_EX package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with L^AT_EX. 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^AT_EX 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>
- Goodman, Donald P. *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: lpp1.3. 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^AT_EX Web Companion.* 2016-10-18. LICENSE: lpp1
 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>
 PKG-URL: <https://ctan.org/pkg/midnight>
- Görlach, Tobias. *The hobete package. Unofficial beamer theme for the University of Hohenheim.* 2016-06-24. LICENSE: lpp1
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hobete>
 PKG-URL: <https://ctan.org/pkg/hobete>
- 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
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-nef>
 PKG-URL: <https://ctan.org/pkg/tikz-nef>
- Gossen, Gerhard and Boris Veytsman. *The bibtexperl1ibs package. BibTeX Perl Libraries.* 2020-12-14. Version 1.6. LICENSE: gpl1,artistic,pd
 URL: <https://mirror.ctan.org/support/bibtexperl1ibs>
 PKG-URL: <https://ctan.org/pkg/bibtexperl1ibs>
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 PKG-URL: <https://ctan.org/pkg/textpos>
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 PKG-URL: <https://ctan.org/pkg/fge>
- *The ltxinput package. Find files input by a document.* 2016-06-24. LICENSE: lppl
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 PKG-URL: <https://ctan.org/pkg/BibTeX-help>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/bs1.sty>
 PKG-URL: <https://ctan.org/pkg/bs1>
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 The package allows for a leading character on the enumerate label(s). The default character to be used () is by default , but may be redefined.
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 PKG-URL: <https://ctan.org/pkg/enumspec>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/exam.sty>
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 PKG-URL: <https://ctan.org/pkg/feynmp-auto>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/fixcmex>
 PKG-URL: <https://ctan.org/pkg/fixcmex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/frontespizio>
 PKG-URL: <https://ctan.org/pkg/frontespizio>
- *The gmp package. Enable integration between MetaPost pictures and L^AT_EX.* 2016-06-24. Version 1.0. LICENSE: lpl1.3. The package allows integration between MetaPost pictures and L^AT_EX. The main feature is that passing parameters to the MetaPost pictures is possible and the picture code can be put inside arguments to commands, including .
 URL: <https://mirror.ctan.org/macros/latex/contrib/gmp>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/usebib>
 PKG-URL: <https://ctan.org/pkg/usebib>
 - *The xcite package. Use citation keys from a different document*. 2020-01-21. Version 16383.99998. LICENSE: lppl1.3c. The package is no longer necessary, because its functionality has been taken over by , so this final version is just a stub that loads .
 URL: <https://mirror.ctan.org/macros/latex/contrib/xcite>
 PKG-URL: <https://ctan.org/pkg/xcite>
 - *The xpatch package. Extending etoolbox patching commands*. 2020-03-25. Version 0.3. LICENSE: lppl1.3. The package generalises the macro patching commands provided by Philipp Lehmann’s .
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 PKG-URL: <https://ctan.org/pkg/geradwp>
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 PKG-URL: <https://ctan.org/pkg/hecthes>
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 PKG-URL: <https://ctan.org/pkg/almfixed>
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 PKG-URL: <https://ctan.org/pkg/songs>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/thermodynamics>
 PKG-URL: <https://ctan.org/pkg/thermodynamics>
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 PKG-URL: <https://ctan.org/pkg/tudscr>
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 URL: <https://mirror.ctan.org/graphics/svg>
 PKG-URL: <https://ctan.org/pkg/svg>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/ams-cd>
 PKG-URL: <https://ctan.org/pkg/ams-cd>
- Hannemyr, Gisle. *The l2a package. LaTeX to ASCII.* 2018-01-06. Version 1.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/support/l2a>
 PKG-URL: <https://ctan.org/pkg/l2a>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/coordsys>
 PKG-URL: <https://ctan.org/pkg/coordsys>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/eemeir>
 PKG-URL: <https://ctan.org/pkg/eemeir>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/coordsys>
 PKG-URL: <https://ctan.org/pkg/logsys>
- Hansen, Mogens Lemvig. *The shortlst package. Compact lists by running several items per line.* 2016-06-24. Version 1.1. LICENSE: nosell
 URL: <https://mirror.ctan.org/macros/latex/contrib/shortlst>
 PKG-URL: <https://ctan.org/pkg/shortlst>
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 PKG-URL: <https://ctan.org/pkg/multibib>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/spie>
 PKG-URL: <https://ctan.org/pkg/spie>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/unitsdef>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/lipsum>
 PKG-URL: <https://ctan.org/pkg/lipsum>
- Har-Peled, Sarel. *The flatex package. Flatten \input, etc., in a L^AT_EX file.* 2016-06-24. Version 1.21. LICENSE: noinfo. A C program to flatten a L^AT_EX file into a single file, by explicitly including the files included by and commands. Also, if BibTeX is being used, then includes the bbl file into the resulting file. The result is therefore a stand-alone L^AT_EX file that can be emailed to a collaborator.
 URL: <https://mirror.ctan.org/support/flatex>
 PKG-URL: <https://ctan.org/pkg/flatex>
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 Version 1.2. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/arabic/dad>
 PKG-URL: <https://ctan.org/pkg/dad>
- *The patgen2-tutorial package. A tutorial on the use of Patgen 2.* 2021-03-29. Version 1.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/info/patgen2-tutorial>
 PKG-URL: <https://ctan.org/pkg/patgen2-tutorial>
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 URL: <https://mirror.ctan.org/fonts/gothic/yfrak>
 PKG-URL: <https://ctan.org/pkg/yfrak>
 - *The ygoth package. Old German Gothic font.* 2017-01-21. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/gothic/ygoth>
 PKG-URL: <https://ctan.org/pkg/ygoth>
- Haralambous, Yannis. *The yinit package. Old German decorative initials.* 2019-01-29. Version 20190124.
 LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/gothic/yinit>
 PKG-URL: <https://ctan.org/pkg/yinit>
- *The yinit-otf package. OTF conversion of Yannis Haralambous' Old German decorative initials.* 2016-06-24.
 Version 1.0. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/gothic/yinit-otf>
 PKG-URL: <https://ctan.org/pkg/yinit-otf>

- *The yswab package. Old German Schwabacher font.* 2017-01-21. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/gothic/yswab>
 PKG-URL: <https://ctan.org/pkg/yswab>
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 URL: <https://mirror.ctan.org/biblio/bibtex/bibtex-x>
 PKG-URL: <https://ctan.org/pkg/bibtexu>
- Haralambous, Yannis and John Plaice. *The omega package. A wide-character-set extension of TeX.* 2017-04-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/obsolete/systems/omega>
 PKG-URL: <https://ctan.org/pkg/omega>
- Haralambous, Yannis and Norbert Preining. *The yhmth package. Extended maths fonts for L^AT_EX.* 2020-03-17. Version 1.6. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/fonts/yhmth>
 PKG-URL: <https://ctan.org/pkg/yhmth>
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 URL: <https://mirror.ctan.org/fonts/gothic>
 PKG-URL: <https://ctan.org/pkg/gothic>
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 URL: <https://mirror.ctan.org/fonts/greek/yannis>
 PKG-URL: <https://ctan.org/pkg/yannisgr>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/pclnfs>
 PKG-URL: <https://ctan.org/pkg/pclnfs>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-jura>
 PKG-URL: <https://ctan.org/pkg/biblatex-jura>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cookingsymbols>
 PKG-URL: <https://ctan.org/pkg/cookingsymbols>
- *The xcookybooky package. Typeset (potentially long) recipes.* 2018-04-05. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/xcookybooky>
 PKG-URL: <https://ctan.org/pkg/xcookybooky>
- Harders, Harald. *The bgteubner package. Class for producing books for the publisher “Teubner Verlag”.* 2019-03-12. Version 2.11. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/bgteubner>
 PKG-URL: <https://ctan.org/pkg/bgteubner>
- *The fnbreak package. Warn for split footnotes.* 2019-03-12. Version 1.30. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/fnbreak>
 PKG-URL: <https://ctan.org/pkg/fnbreak>

- *The germbib package. German variants of standard BibTeX styles.* 2019-03-12. LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/germbib>
 PKG-URL: <https://ctan.org/pkg/germbib>
- *The ginpenc package. Modification of inputenc for German.* 2019-03-12. Version 1.0. LICENSE: lppl. If the is used and German umlauts are input directly, they are converted to the LICR representation (etc.). This breaks the sort algorithm of , for instance. Ginpenc converts umlauts and the sharp-s to the short forms defined by , e.g., instead, if the text is typeset in German.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ginpenc>
 PKG-URL: <https://ctan.org/pkg/ginpenc>
- *The hfbright package. The hfbright fonts.* 2019-03-12. LICENSE: lppl. These are Adobe Type 1 versions of the OT1-encoded and maths parts of the fonts.
 URL: <https://mirror.ctan.org/fonts/ps-type1/hfbright>
 PKG-URL: <https://ctan.org/pkg/hfbright>
- *The hfoldsty package. Old style numerals with EC fonts.* 2019-03-12. Version 1.15. LICENSE: gpl. The hfoldsty package provides virtual fonts for using oldstyle (0123456789) figures with the European Computer Modern fonts. It does a similar job as the package by Sebastian Kirsch but includes a couple of improvements, i.e., better kerning with guillemets, and support for character protruding using the package.
 URL: <https://mirror.ctan.org/fonts/hfoldsty>
 PKG-URL: <https://ctan.org/pkg/hfoldsty>
- *The hhtensor package. Print vectors, matrices, and tensors.* 2019-03-12. Version 0.61. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/hhtensor>
 PKG-URL: <https://ctan.org/pkg/hhtensor>
- *The isodate package. Tune the output format of dates according to language.* 2019-03-12. Version 2.28. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/isodate>
 PKG-URL: <https://ctan.org/pkg/isodate>
- *The kerntest package. Print tables and generate control files to adjust kernings.* 2019-03-12. Version 1.32. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/kerntest>
 PKG-URL: <https://ctan.org/pkg/kerntest>
- *The latexfileversion package. Prints the version and date of a L^AT_EX class or style file.* 2019-03-12. Version 0.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/support/latexfileversion>
 PKG-URL: <https://ctan.org/pkg/latexfileversion>
- *The leftidx package. Left and right subscripts and superscripts in math mode.* 2019-03-12. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
 PKG-URL: <https://ctan.org/pkg/leftidx>
- Harders, Harald. *The makebox package. Defines a \makebox* command.* 2019-03-12. Version 0.1. LICENSE: lppl. Define a command that does the same as a command, except that the width is given by a sample text instead of an explicit length measure.
 URL: <https://mirror.ctan.org/macros/latex/contrib/makebox>
 PKG-URL: <https://ctan.org/pkg/makebox>
- *The nbaseprt package. Print numbers in non-decimal bases.* 2019-03-12. Version 0.11. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/numprint>
 PKG-URL: <https://ctan.org/pkg/nbaseprt>

- *The numprint package*. Print numbers with separators and exponent if necessary. 2019-03-12. Version 1.39. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/numprint>
PKG-URL: <https://ctan.org/pkg/numprint>
 - *The onlyamsmath package*. Inhibit use of non-*amsmath* mathematics markup when using *amsmath*. 2019-03-12. Version 0.20. LICENSE: lppl. This package inhibits the usage of plain TeX and (on demand) of standard L^AT_EX mathematics environments. This is useful for class writers who want to encourage their users to use the environments provided by the package.
URL: <https://mirror.ctan.org/macros/latex/contrib/onlyamsmath>
PKG-URL: <https://ctan.org/pkg/onlyamsmath>
 - *The repeatindex package*. Repeat items in an index after a page or column break. 2019-03-12. Version 0.01. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/repeatindex>
PKG-URL: <https://ctan.org/pkg/repeatindex>
 - *The slantsc package*. Access different-shaped small-caps fonts. 2019-03-12. Version 2.11. LICENSE: lppl. This package enables the use of small capitals in different font shapes, e.g., slanted or bold slanted for all fonts that provide appropriate font shapes. (Note that a separate file is needed to define font shapes such as ‘scsl’ or ‘scit’.)
URL: <https://mirror.ctan.org/macros/latex/contrib/slantsc>
PKG-URL: <https://ctan.org/pkg/slantsc>
 - *The subfloat package*. Sub-numbering for figures and tables. 2019-03-12. Version 2.14. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/subfloat>
PKG-URL: <https://ctan.org/pkg/subfloat>
 - *The substr package*. Deal with substrings in strings. 2019-03-12. Version 1.2. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/substr>
PKG-URL: <https://ctan.org/pkg/substr>
 - *The ttf-howto package*. Using TrueType fonts with TeX systems. 2019-03-12. LICENSE: noinfo
URL: <https://mirror.ctan.org/info/TrueType>
PKG-URL: <https://ctan.org/pkg/ttf-howto>
 - *The typogrid package*. Print a typographic grid. 2019-03-12. Version 0.21. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/typogrid>
PKG-URL: <https://ctan.org/pkg/typogrid>
 - *The warning package*. Global warnings at the end of the logfile. 2019-03-12. Version 0.01. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/warning>
PKG-URL: <https://ctan.org/pkg/warning>
- Harders, Harald and Morten Høgholm. *The contour package*. Print a coloured contour around text. 2019-03-12. Version 2.14. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/contour>
PKG-URL: <https://ctan.org/pkg/contour>
- Harders, Harald and Bjørn Pedersen. *The miller package*. Typeset miller indices. 2019-03-12. Version 1.2. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/miller>
PKG-URL: <https://ctan.org/pkg/miller>
- Harders, Harald and Norbert Preining. *The babelbib package*. Multilingual bibliographies. 2021-01-07. Version 1.34. LICENSE: lppl

- URL: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
 PKG-URL: <https://ctan.org/pkg/babelbib>
- Hardy, Lucien. *The duotenzor package. Drawing package for circuit and duotensor diagrams*. 2016-06-24. Version 1.00. LICENSE: lppl1.3. This is a drawing package for circuit and duotensor diagrams within L^AT_EX documents. It consists of about eighty commands, calling on for support.
 URL: <https://mirror.ctan.org/graphics/duotenzor>
 PKG-URL: <https://ctan.org/pkg/duotenzor>
- Harendal, Hirwen and Clea F. Rees. *The libris package. Libris ADF fonts, with L^AT_EX support*. 2017-04-18. Version 1.007. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/libris>
 PKG-URL: <https://ctan.org/pkg/libris>
- *The venturisADF package. Venturis ADF fonts collection*. 2017-04-18. Version 1.005. LICENSE: other-free. Serif and sans serif complete text font families, in both Adobe Type 1 and OpenType formats for publication. The family is based on Utopia family, and has been modified and developed by the Arkandis Digital foundry. Support for using the fonts, in L^AT_EX, is also provided (and makes use of the package).
 URL: <https://mirror.ctan.org/fonts/venturisadf>
 PKG-URL: <https://ctan.org/pkg/venturisADF>
- Harin, Alexander. *The cmcyralt-fonts package. Russian fonts in "alternative" encoding*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/cyrillic/cmcyralt>
 PKG-URL: <https://ctan.org/pkg/cmcyralt-fonts>
- Harin, Alexander and Vadim V. Zhytnikov. *The cmcyralt-ltx package. LaTeX support for the cmcyralt fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. Macros and fd files to use the . Designed for use with an alternative-coded keyboard.
 URL: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
 PKG-URL: <https://ctan.org/pkg/cmcyralt-ltx>
- Harker, Stephen. *The adfathesis package. Australian Defence Force Academy thesis format*. 2016-06-24. Version 2.42. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/adfathesis>
 PKG-URL: <https://ctan.org/pkg/adfathesis>
- Harrer, Simon. *The messagebubbles package. Display message bubbles as a conversation*. 2016-06-24. Version 0.0.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/messagebubbles>
 PKG-URL: <https://ctan.org/pkg/messagebubbles>
- Harris, Erica, Geoffrey Tobin, Robin Fairbairns, and David Carlisle. *The setspace package. Set space between lines*. 2018-09-14. Version 6.7a. LICENSE: lppl1.3. Provides support for setting the spacing between lines in a document. Package options include singlespacing, onehalfspacing, and doublespacing. Alternatively the spacing can be changed as required with the , , and commands. Other size spacings also available.
 URL: <https://mirror.ctan.org/macros/latex/contrib/setspace>
 PKG-URL: <https://ctan.org/pkg/setspace>
- Harrod, Steven. *The bibbuild package. A bibliography builder for FileMaker Pro 7*. 2020-08-29. Version 1.0. LICENSE: nosell
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/BibBuild>
 PKG-URL: <https://ctan.org/pkg/bibbuild>
- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation*. 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing

- how (using) to display error bars.
 URL: <https://mirror.ctan.org/info/maad>
 PKG-URL: <https://ctan.org/pkg/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting*. 2016-06-24. LICENSE: other-free. Provides two new commands: and for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.
 URL: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
 PKG-URL: <https://ctan.org/pkg/nestquot>
- Hart, William. *The harnon-cv package. A CV document class with a vertical timeline for experience*. 2016-06-24. Version 1.0. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>
 PKG-URL: <https://ctan.org/pkg/harnon-cv>
- Hartke, Stephen. *The arev package. Fonts and L^AT_EX support files for Arev Sans*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/arev>
 PKG-URL: <https://ctan.org/pkg/arev>
- *The free-math-font-survey package. A survey of available free Mathematics fonts*. 2016-06-24. LICENSE: noinfo
 URL: https://mirror.ctan.org/info/Free_Math_Font_Survey/en
 PKG-URL: <https://ctan.org/pkg/free-math-font-survey>
- Hartmann, Richard. *The OpTeXcount package. Python script for counting words in OpTeX documents*. 2019-01-01. Version 1.1. LICENSE: mit
 URL: <https://mirror.ctan.org/support/optexcount>
 PKG-URL: <https://ctan.org/pkg/OpTeXcount>
- Hartmann, Timo. *The flashmovie package. Directly embed flash movies into PDF files*. 2016-06-24. Version 0.4. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>
 PKG-URL: <https://ctan.org/pkg/flashmovie>
- Hasan, Adib. *The latexbangla package. Enhanced L^AT_EX integration for Bangla*. 2020-06-07. Version 0.2. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/language/bengali/latexbangla>
 PKG-URL: <https://ctan.org/pkg/latexbangla>
- Hassel, Frank. *The bdfchess package. Typeset correspondence chess games*. 2016-06-24. Version 1.2. LICENSE: nosell. A L^AT_EX (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.
 URL: <https://mirror.ctan.org/fonts/chess/bdfchess>
 PKG-URL: <https://ctan.org/pkg/bdfchess>
- Hassenpflug, Gernot. *The hwkatakana package. Half-width katakana fonts*. 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>
 PKG-URL: <https://ctan.org/pkg/hwkatakana>
- Hauaveit, Eirik. *The glossaries-nynorsk package. Nynorsk language module for the glossaries package*. 2020-05-18. Version 1.0. LICENSE: lpl1.3. Norwegian Nynorsk language module for the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-nynorsk>
 PKG-URL: <https://ctan.org/pkg/glossaries-nynorsk>

- Havlik, Denis. *The abstbook package. Books of abstracts*. 2016-06-24. LICENSE: noinfo. A L^AT_EX class file for making ‘books of abstracts’, commonly used for conferences. It is based on report class, however has been redefined and shouldn’t be used.
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>
 PKG-URL: <https://ctan.org/pkg/abstbook>
- Heafner, Paul J. *The mandi package. Macros for introductory physics and astronomy*. 2022-01-27. Version 3.1.0. LICENSE: l^pl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/mandi>
 PKG-URL: <https://ctan.org/pkg/mandi>
- Hecking, Lars, Thomas Williams, and Colin Kelley. *The gnuplot package. General purpose plotting program*. 2019-02-09. Version 5.2.6. LICENSE: other-free
 URL: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
 PKG-URL: <https://ctan.org/pkg/gnuplot>
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 URL: <https://mirror.ctan.org/support/brief-t>
 PKG-URL: <https://ctan.org/pkg/brief-t>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
 PKG-URL: <https://ctan.org/pkg/concrete-macros>
- *The escapeT_EXt package. Make plain text safe for use in L^AT_EX*. 2016-06-24. LICENSE: l^pl
 URL: <https://mirror.ctan.org/support/escapeT_EXt>
 PKG-URL: <https://ctan.org/pkg/escapeT_EXt>
 - *The first-packages package. A short list of go-to L^AT_EX packages, aimed at a beginner*. 2021-01-02. LICENSE: cc0
 PKG-URL: <https://ctan.org/pkg/first-packages>
 - *The Shaded theorems package. Theorem environments that are shaded*. 2020-01-08. LICENSE: l^pl
 URL: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
 - *The style-showcase package. Make a web page to compare styles*. 2016-06-24. Version 1.0.0. LICENSE: pd
 URL: https://mirror.ctan.org/support/style_showcase
 PKG-URL: <https://ctan.org/pkg/style-showcase>
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 URL: <https://mirror.ctan.org/info/undergradmath>
 PKG-URL: <https://ctan.org/pkg/undergradmath>
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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/venn>
 PKG-URL: <https://ctan.org/pkg/venn>

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 PKG-URL: <https://ctan.org/pkg/first-latex-doc>
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 URL: <https://mirror.ctan.org/info/latex-doc-ptr>
 PKG-URL: <https://ctan.org/pkg/latex-doc-ptr>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
 PKG-URL: <https://ctan.org/pkg/bracketkey>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utils/lookbibtex>
 PKG-URL: <https://ctan.org/pkg/lookbibtex>
- Heim, Thomas. *The dice package. A font for die faces*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/dice>
 PKG-URL: <https://ctan.org/pkg/dice>
- *The epsdice package. A scalable dice "font"*. 2016-06-24. Version 2.1. LICENSE: lppl. The epsdice package defines a single command that takes a numeric argument (in the range 1-6), and selects a face image from a file that contains each of the 6 possible die faces. The graphic file is provided in both Encapsulated PostScript and PDF formats.
 URL: <https://mirror.ctan.org/macros/latex/contrib/epsdice>
 PKG-URL: <https://ctan.org/pkg/epsdice>
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 PKG-URL: <https://ctan.org/pkg/tikz-3dplot>
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 URL: <https://mirror.ctan.org/language/aramaic/serto>
 PKG-URL: <https://ctan.org/pkg/aramaic-serto>
- *The mxedruli package. A pair of fonts for different Georgian alphabets*. 2017-04-18. Version 3.3c. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/georgian/mxedruli>
 PKG-URL: <https://ctan.org/pkg/mxedruli>
- Heins, Oliver. *The biblatex-luh-ipw package. BibLaTeX styles for social sciences*. 2016-06-24. Version 0.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-luh-ipw>
 PKG-URL: <https://ctan.org/pkg/biblatex-luh-ipw>
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 PKG-URL: <https://ctan.org/pkg/permute>
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 PKG-URL: <https://ctan.org/pkg/polynom>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/kspace-thesis>
 PKG-URL: <https://ctan.org/pkg/kspace-thesis>
- Heitkoetter, Joerg. *The fancychapters package. Chapters with quotations.* 2016-06-24. Version 1.1. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/fancychapters.sty>
 PKG-URL: <https://ctan.org/pkg/fancychapters>
- Hejda, Tomas. *The chkfloat package. Warn whenever a float is placed "to far away".* 2021-08-26. Version 0.1. LICENSE: lpl1.3. The package checks for floats that are placed too far from their origin. It was motivated by a question on the page.
 URL: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>
 PKG-URL: <https://ctan.org/pkg/chkfloat>
- *The eqnalign package. Make eqnarray behave like align.* 2017-02-22. Version 1.0a. LICENSE: lpl1.3. The package makes environment behave like from . It is intended for quick-fixing documents that use . In cases where it fails, manual conversion to is required, but these cases should be seldom.
 URL: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
 PKG-URL: <https://ctan.org/pkg/eqnalign>
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 URL: <https://mirror.ctan.org/macros/generic/tex-ewd>
 PKG-URL: <https://ctan.org/pkg/tex-ewd>
- *The TeX-FPC package. A collection of change files for a TeX system based on Free Pascal.* 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.
 URL: <https://mirror.ctan.org/systems/unix/tex-fpc>
 PKG-URL: <https://ctan.org/pkg/TeX-FPC>
- *The TeX-GPC package. A collection of change files for a TeX system based on GNU Pascal.* 2019-02-22. Version 3rd edition. LICENSE: noinfo
 URL: <https://mirror.ctan.org/systems/unix/tex-gpc>
 PKG-URL: <https://ctan.org/pkg/TeX-GPC>
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 URL: <https://mirror.ctan.org/language/hyphenation/fihyph>
 PKG-URL: <https://ctan.org/pkg/fihyph>
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 URL: <https://mirror.ctan.org/info/lshort/finnish>
 PKG-URL: <https://ctan.org/pkg/lshort-finnish>
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 URL: <https://mirror.ctan.org/obsolete/language/malayalam>
 PKG-URL: <https://ctan.org/pkg/malayalam-obsolete>

- Hellingman, Jeroen and Anshuman Pandey. *The oriya package. Typesetting the Oriya script using TeX*. 2016-06-24. Version 0.99. LICENSE: other-free
 URL: <https://mirror.ctan.org/language/oriya>
 PKG-URL: <https://ctan.org/pkg/oriya>
- Hellström, Lars. *The relenc package. A "relaxed" font encoding*. 2016-06-24. LICENSE: lppl1
 URL: <https://mirror.ctan.org/macros/latex/contrib/relenc>
 PKG-URL: <https://ctan.org/pkg/relenc>
- *The rtkinenc package. Input encoding with fallback procedures*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
 PKG-URL: <https://ctan.org/pkg/rtkinenc>
 - *The tcldoc package. Doc/docstrip for tcl*. 2016-07-19. Version 2.40. LICENSE: lppl. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout's Tool Command Language (Tcl, pronounced "tickle", a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L^AT_EX, whereas the tcldoc class more parallels the ltxdoc class.
 URL: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
 PKG-URL: <https://ctan.org/pkg/tcldoc>
 - *The xdoc package. Extending the L^AT_EX doc system*. 2016-06-24. Version prot2.5. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/xdoc>
 PKG-URL: <https://ctan.org/pkg/xdoc>
- Hellström, Lars, Alan Jeffrey, Sebastian Rahtz, and Ulrik Vieth. *The fontinst package. Help with installing fonts for TeX and L^AT_EX*. 2021-03-31. Version 1.933. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/utilities/fontinst>
 PKG-URL: <https://ctan.org/pkg/fontinst>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/concepts>
 PKG-URL: <https://ctan.org/pkg/concepts>
- *The lt3graph package. Provide a graph datastructure for experimental L^AT_EX3*. 2021-03-01. Version 0.1.9. LICENSE: lppl1.3. The package defines a 'graph' data structure, for use in documents that are using the .
 URL: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
 PKG-URL: <https://ctan.org/pkg/lt3graph>
 - *The pkgloader package. Manage the options and loading order of other packages*. 2021-03-01. Version 0.7.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
 PKG-URL: <https://ctan.org/pkg/pkgloader>
- Helvensteijn, Michiel. *The underoverlap package. Position decorations over and under expressions*. 2021-03-01. Version 0.0.1-r1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/underoverlap>
 PKG-URL: <https://ctan.org/pkg/underoverlap>
- *The withargs package. In-place argument substitution*. 2021-03-01. Version 0.3.1. LICENSE: lppl1.3. The command provides a clean way to populate a template (containing , , etc.) using L^AT_EX argument substitution. It also allows you to carefully control argument expansion using a L^AT_EX3-style argument specification. Uses range from creating readable string templates (akin to C's function) to performing otherwise complex token-list manipulation.
 URL: <https://mirror.ctan.org/macros/latex/contrib/withargs>
 PKG-URL: <https://ctan.org/pkg/withargs>

- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros*. 2021-05-14. Version 1.00. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
 PKG-URL: <https://ctan.org/pkg/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts*. 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set. L^AT_EX support is available from the package.
 URL: <https://mirror.ctan.org/fonts/cm/cmoutlines>
 PKG-URL: <https://ctan.org/pkg/cmoutlines>
- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts*. 2016-06-24. Version 1.0. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/dingbat>
 PKG-URL: <https://ctan.org/pkg/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
 PKG-URL: <https://ctan.org/pkg/MPStoEPS>
- *The pointruler package. 12" Ruler containing Points and Inches*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
 PKG-URL: <https://ctan.org/pkg/pointruler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment*. 2016-06-24. Version 1.0. LICENSE: lpl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.
 URL: <https://mirror.ctan.org/macros/latex/contrib/getitems>
 PKG-URL: <https://ctan.org/pkg/getitems>
- *The qrcode package. Generate QR codes in L^AT_EX*. 2016-06-24. Version 1.51. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
 PKG-URL: <https://ctan.org/pkg/qrcode>
 - *The spot package. Spotlight highlighting for Beamer*. 2016-06-24. Version 1.1. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
 PKG-URL: <https://ctan.org/pkg/spot>
- Hendrickson, Anders O. F. and Matthieu Guerquin-Kern. *The moodle package. Generating Moodle quizzes via L^AT_EX*. 2021-02-07. Version 0.9. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/moodle>
 PKG-URL: <https://ctan.org/pkg/moodle>
- Henel, Yvon. *The annee-scolaire package. Automatically typeset the academic year (French way)*. 2020-07-29. Version 1.6. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
 PKG-URL: <https://ctan.org/pkg/annee-scolaire>
- *The clefval package. Key/value support with a hash*. 2020-07-29. Version 0.1. LICENSE: lpl1.3c. This package provides only two macros viz. `\clefval` and `\clefvalkey` to define then use pairs of key/value and gives a semblance of a hash. Syntax: to define the value associated to the key, `\clefval{key}{value}` does not produce text; to return the value linked to the key. Both arguments of are ‘moving’ as L^AT_EX defines the term and we have sometimes to protect them.

- URL: <https://mirror.ctan.org/macros/latex/contrib/clefval>
 PKG-URL: <https://ctan.org/pkg/clefval>
- *The engpron package. Helps to type the pronunciation of English words.* 2016-06-24. Version 2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/engpron>
 PKG-URL: <https://ctan.org/pkg/engpron>
 - *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. 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^AT_EX 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 . However, it takes care only of letters which have a macro name like or .
 URL: <https://mirror.ctan.org/macros/latex/contrib/paresse>
 PKG-URL: <https://ctan.org/pkg/paresse>
 - *The simples-matrices package. Define matrices by given list of values.* 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
 PKG-URL: <https://ctan.org/pkg/simples-matrices>
- Henel, Yvon. *The tdsfrmath package. Macros for French teachers of mathematics.* 2016-06-24. Version 1.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
 PKG-URL: <https://ctan.org/pkg/tdsfrmath>
- *The yagusylo package. A symbol loader.* 2016-06-24. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
 PKG-URL: <https://ctan.org/pkg/yagusylo>
- Henel, Yvon and Josselin Noirel. *The drac package. Declare active character substitution, robustly.* 2018-01-06. Version 1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/drac>
 PKG-URL: <https://ctan.org/pkg/drac>

- Henkel, Hartmut and The TeX Live Team. *The tpic2pdfTeX package. Use tpic commands in pdfTeX*. 2017-06-27. LICENSE: gpl. The AWK script converts pic language, embedded inline (delimited by and markers), to commands.
 URL: <https://mirror.ctan.org/graphics/tpic2pdfTeX>
 PKG-URL: <https://ctan.org/pkg/tpic2pdfTeX>
- Henlich, Thomas. *The makeglos package. Include a glossary into a document*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/makeglos>
 PKG-URL: <https://ctan.org/pkg/makeglos>
- Henlich, Thomas, Martin Vogel, and Mojca Miklavc. *The marvosym package. Martin Vogel's Symbols (marvosym) font*. 2017-04-18. Version 2.2a. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/marvosym>
 PKG-URL: <https://ctan.org/pkg/marvosym>
- Hennig, Matthias. *The jneurosci package. BibTeX style for the Journal of Neuroscience*. 2016-06-24. Version 1.00. LICENSE: lppl
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/jneurosci>
 PKG-URL: <https://ctan.org/pkg/jneurosci>
- *The jphysiol package. BibTeX style for the Journal of Physiology*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>
 PKG-URL: <https://ctan.org/pkg/jphysiol>
- Hennig, Stephan. *The bpolynomial package. Drawing polynomial functions of up to order 3*. 2016-06-24. Version 0.5. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
 PKG-URL: <https://ctan.org/pkg/bpolynomial>
- *The mcaption package. Put captions in the margin*. 2016-06-24. Version 3.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/mcaption>
 PKG-URL: <https://ctan.org/pkg/mcaption>
- *The mpcolornames package. Extend list of predefined colour names for MetaPost*. 2018-01-06. Version 0.20. LICENSE: lppl. The format provides only five built-in colour names (variables), all of which are defined in the RGB model: red, green and blue for the primary colours and black and white. The package makes more than 500 colour names from different colour sets in different colour models available to MetaPost. Colour sets include X11, SVG, DVIPS and specifications.
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>
 PKG-URL: <https://ctan.org/pkg/mpcolornames>
- *The semionese package. Put only special contents on left-hand pages in two sided layout*. 2016-06-24. Version 0.41. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/semionese>
 PKG-URL: <https://ctan.org/pkg/semionese>
- Hennig, Stephan. *The spelling package. Support for spell-checking of LuaTeX documents*. 2016-06-24. Version 0.41. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/luatex/generic/spelling>
 PKG-URL: <https://ctan.org/pkg/spelling>
- *The textpath package. Setting text along a path with MetaPost*. 2016-06-24. Version 1.6. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
 PKG-URL: <https://ctan.org/pkg/textpath>
- Hennig, Stephan and Roland Hieber. *The vc package. The vc (version control) bundle*. 2018-06-11. Version 0.6. LICENSE: pd

- URL: <https://mirror.ctan.org/support/vc>
 PKG-URL: <https://ctan.org/pkg/vc>
- Hennings, Wilfried, Fernando Dorner, and Andreas Granzer. *The latex2rtf package. Convert L^AT_EX into Rich Text Format*. 2017-04-18. Version 2.3.8. LICENSE: lppl. Translates L^AT_EX text into RTF (Rich Text Format as used by Microsoft Word and the like). Graphics and tables are converted as are cross references and the bibliography; many packages are supported (in whole or as implementation of a subset of their commands) — for example, the whole of is implemented.
 URL: <https://mirror.ctan.org/support/latex2rtf>
 PKG-URL: <https://ctan.org/pkg/latex2rtf>
- Henningsen, Arne and Randall Wigle. *The economic package. BibTeX support for submitting to Economics journals*. 2017-04-18. LICENSE: lppl. The bundle offers macros and BibTeX styles for the American Economic Review (AER), the American Journal of Agricultural Economics (AJAE), the Canadian Journal of Economics (CJE), the European Review of Agricultural Economics (ERAE), the International Economic Review (IER) and Economica. The macro sets are based on (and require) the package, and all provide variations of author-date styles of presentation.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/economic>
 PKG-URL: <https://ctan.org/pkg/economic>
- Hensel, Martin. *The mhchem package. Typeset chemical formulae/equations and H and P statements*. 2021-12-31. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/mhchem>
 PKG-URL: <https://ctan.org/pkg/mhchem>
- Herpers, Sascha. *The tokenizer package. A tokenizer*. 2016-06-24. Version 1.1.0. LICENSE: lppl. A tokenizer for L^AT_EX. splits source into two tokens at the first encounter of a comma. The first token is saved in a newly created command with the name passed as and the second token likewise. A package option “ causes leading and trailing space to be removed from each token; with this option, the command is defined, which removes leading and trailing spaces from its argument.
 URL: <https://mirror.ctan.org/macros/latex/contrib/tokenizer>
 PKG-URL: <https://ctan.org/pkg/tokenizer>
- Herrb, Mathieu. *The these package. Bibliography style for French theses*. 2016-06-24. LICENSE: other-free. The style is derived from the standard , with keywords translated and styles converted to French conventions.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/these.bst>
 PKG-URL: <https://ctan.org/pkg/these>
- Herz-Fischler, Roger. *The do-it-yourself-tex package. Back to Plain XeTeX*. 2019-03-19. Version 1.3. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/xetex/plain/do-it-yourself-tex>
 PKG-URL: <https://ctan.org/pkg/do-it-yourself-tex>
- Heslin, Peter J. *The ellipsis package. Fix uneven spacing around ellipses in L^AT_EX text mode*. 2020-06-04. Version 1.8. LICENSE: lppl1.3c. This is a simple package that fixes a problem in the way L^AT_EX handles ellipses: it always puts a tiny bit more space after in text mode than before it, which results in the ellipsis being off-center when used between two words.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ellipsis>
 PKG-URL: <https://ctan.org/pkg/ellipsis>
- *The ibycus-babel package. Use the Ibycus 4 Greek font with Babel*. 2016-06-24. Version 3.0. LICENSE: lppl. The package allows you to use the Ibycus 4 font for ancient Greek with Babel. It uses a Perl script to generate hyphenation patterns for Ibycus from those for the ordinary Babel encoding. . It sets up as a pseudo-language you can specify in the normal Babel manner. For proper hyphenation of Greek

- quoted in mid-paragraph, you should use it with (all current distributions of L^AT_EX are built with , so the constraint should not be onerous).
- URL: <https://mirror.ctan.org/language/greek/ibycus-babel>
 PKG-URL: <https://ctan.org/pkg/ibycus-babel>
- Hetherington, Lee and Eddie Kohler. *The t1utils package. Simple Type 1 font manipulation programs.* 2017-04-18. LICENSE: pd. A collection of simple programs for manipulating Adobe Type 1 fonts, comprising: – : convert PFB (binary) to PFA (ascii) fonts; – : convert PFA to PFB fonts; – : convert PFA or PFB fonts to human-readable and -editable format; – : reassemble such editable formats to a font; – : extract font resources from a Macintosh font file; and – : generate a Macintosh font from a Type 1 font.
- URL: <https://mirror.ctan.org/fonts/utilities/t1utils>
 PKG-URL: <https://ctan.org/pkg/t1utils>
- Hetland, Magnus Lie. *The abspos package. Absolute placement with coffins.* 2022-09-24. Version 0.1. LICENSE: mit
- URL: <https://mirror.ctan.org/macros/latex/contrib/abspos>
 PKG-URL: <https://ctan.org/pkg/abspos>
- *The pseudo package. Straightforward pseudocode.* 2022-08-23. Version 1.2.1. LICENSE: mit
- URL: <https://mirror.ctan.org/macros/latex/contrib/pseudo>
 PKG-URL: <https://ctan.org/pkg/pseudo>
- *The skeldoc package. Placeholders for unfinished documents.* 2021-02-25. Version 0.1.2. LICENSE: mit
- URL: <https://mirror.ctan.org/macros/latex/contrib/skeldoc>
 PKG-URL: <https://ctan.org/pkg/skeldoc>
- Heuer, Johannes. *The la package. School handwriting fonts.* 2016-06-24. LICENSE: noinfo
- URL: <https://mirror.ctan.org/fonts/la>
 PKG-URL: <https://ctan.org/pkg/la>
- Heyl, Udo. *The china2e package. Font and macros for Chinese calendar.* 2019-06-21. LICENSE: nosell
- URL: <https://mirror.ctan.org/macros/latex/contrib/china2e>
 PKG-URL: <https://ctan.org/pkg/china2e>
- *The morse package. Support for printing Morse code signs.* 2016-06-24. Version 1.0. LICENSE: nosell
- URL: <https://mirror.ctan.org/fonts/morse>
 PKG-URL: <https://ctan.org/pkg/morse>
- Hicks, Stephen. *The inlinedef package. Inline expansions within definitions.* 2016-06-24. Version 1.0. LICENSE: lppl. The package provides a macro that precedes a or . Within the definition text of an inlined definition, keywords such as may be used to selectively inline certain expansions at definition-time. This eases the process of redefining macros in terms of the original definition, as well as definitions in which the token that must be expanded is deep within, where would be difficult and is not suitable. Another application is as an easier version of , by defining a macro in terms of expanded local variables, then ending the group with .
- URL: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
 PKG-URL: <https://ctan.org/pkg/inlinedef>
- *The marginfix package. Patch \marginpar to avoid overfull margins.* 2020-05-07. Version 1.2. LICENSE: lppl. Authors using L^AT_EX to typeset books with significant margin material often run into the problem of long notes running off the bottom of the page. A typical workaround is to insert commands by hand, but this is a tedious process that is invalidated when pagination changes. Another workaround is ’s function, but this can be unsatisfying for short textual notes, and standard marginpars cannot be mixed with sidebars. This package implements a solution to make marginpars “just work” by keeping a list of floating inserts and arranging them intelligently in the output routine.

- URL: <https://mirror.ctan.org/macros/latex/contrib/marginfix>
 PKG-URL: <https://ctan.org/pkg/marginfix>
- Hilbig, André. *The bewerbung package. Typesetting job applications*. 2022-01-17. Version 1.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/bewerbung>
 PKG-URL: <https://ctan.org/pkg/bewerbung>
- *The gitfile-info package. Get git metadata for a specific file*. 2019-08-21. Version 0.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/support/gitfile-info>
 PKG-URL: <https://ctan.org/pkg/gitfile-info>
- Hilbrich, Torsten. *The bbm-macros package. LaTeX support for "blackboard-style" cm fonts*. 2016-06-24. LICENSE: lppl. Provides L^AT_EX support for . Declares a font family bbm so you can in principle write running text in blackboard bold, and lots of math alphabets for using the fonts within maths.
 URL: <https://mirror.ctan.org/macros/latex/contrib/bbm>
 PKG-URL: <https://ctan.org/pkg/bbm-macros>
- Hill, Jörg-Rüdiger. *The chem-journal package. Various BibTeX formats for journals in Chemistry*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal>
 PKG-URL: <https://ctan.org/pkg/chem-journal>
- Hill, Jörg-Rüdiger and Antonio Cervellino. *The jcc package. BibTeX style file for J. Comp. Chem*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal/jcc.bst>
 PKG-URL: <https://ctan.org/pkg/jcc>
- Hillebrand, Thomas. *The hexdump package. Read and typeset ASCII hexdump files*. 2016-06-24. Version 0.1. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/hexdump.sty>
 PKG-URL: <https://ctan.org/pkg/hexdump>
- Hilléreau, Mael. *The alphabib package. Add alphabetical headers into citations*. 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/alphabib>
 PKG-URL: <https://ctan.org/pkg/alphabib>
- *The shlatex package. LaTeX compilation script for Linux (written in Bash)*. 2016-06-24. Version 1.2b. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/shlatex>
 PKG-URL: <https://ctan.org/pkg/shlatex>
- Himmelmann, Maurizio W., Emiliano Giovanni Vavassori, and Fabiano Busdraghi. *The GuIT-corso package. Introduzione al mondo di L^AT_EX*. 2016-06-24. Version 1.0. LICENSE: nocommercial
 URL: https://mirror.ctan.org/info/italian/GuIT/corso_guit
 PKG-URL: <https://ctan.org/pkg/GuIT-corso>
- Hinque, Christian. *The theatre package. A sophisticated package for typesetting stage plays*. 2017-09-22. Version 0.1. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/theatre>
 PKG-URL: <https://ctan.org/pkg/theatre>
- Hinrichs, Adrian C. *The cheatsheet package. A simple cheatsheet class*. 2017-08-20. Version 0.8. LICENSE: mit. The package provides a clean, multi-column design intended for cheat sheets. It imports the most useful packages and encloses the document in a environment.
 URL: <https://mirror.ctan.org/macros/latex/contrib/cheatsheet>
 PKG-URL: <https://ctan.org/pkg/cheatsheet>

- Hirschhorn, Philip S. *The amslatex-primer package. Getting up and running with AMS-LaTeX*. 2018-01-06. Version 2.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/info/amslatex/primer>
 PKG-URL: <https://ctan.org/pkg/amslatex-primer>
- *The exam package. Package for typesetting exam scripts*. 2022-08-17. Version 2.7. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/exam>
 PKG-URL: <https://ctan.org/pkg/exam>
- Hitomi, Shoma. *The hmtrump package. Describe card games*. 2019-08-06. Version 1.2a. LICENSE: cc-by-sa-4,other-free
 URL: <https://mirror.ctan.org/macros/luatex/latex/hmtrump>
 PKG-URL: <https://ctan.org/pkg/hmtrump>
- Hlavacek, Jan. *The mathexam package. Package for typesetting exams*. 2016-06-24. Version 1.00. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathexam>
 PKG-URL: <https://ctan.org/pkg/mathexam>
- Hòa, Thái Phú Khánh. *The free-math-font-survey-vn package. The survey of available free Mathematics fonts, translated to Vietnamese*. 2016-06-24. LICENSE: lppl. This is a translation to Vietnamese of Stephen Hartke's .
 URL: https://mirror.ctan.org/info/Free_Math_Font_Survey/vn
 PKG-URL: <https://ctan.org/pkg/free-math-font-survey-vn>
- Hobby, John and Vladimir Lidovski. *The mpman-ru package. A Russian translation of the MetaPost manual*. 2016-06-24. Version 1.004. LICENSE: other-free. A translation of the user manual, as distributed with itself.
 URL: <https://mirror.ctan.org/info/metapost/doc/russian/mpman-ru>
 PKG-URL: <https://ctan.org/pkg/mpman-ru>
- Hoekwater, Taco. *The calendarweek package. Calculate the week number of a date*. 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/generic/misc/calendarweek.tex>
 PKG-URL: <https://ctan.org/pkg/calendarweek>
- *The context-URWGothic package. ConTeXt support for URW Gothic*. 2022-03-22. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/context/contrib/context-urwgothic>
 PKG-URL: <https://ctan.org/pkg/context-URWGothic>
- Hoekwater, Taco and Daniel Flipo. *The context-lettrine package. A ConTeXt implementation of lettrines*. 2018-08-11. LICENSE: pd. This is a re-implementation of the L^AT_EX package .
 URL: <https://mirror.ctan.org/macros/context/contrib/context-lettrine>
 PKG-URL: <https://ctan.org/pkg/context-lettrine>
- Hoekwater, Taco and Michael Sharpe. *The wasy-type1 package. Type 1 versions of wasy fonts*. 2020-01-24. Version 001.002. LICENSE: pd. Converted (Adobe Type 1) outlines of the fonts.
 URL: <https://mirror.ctan.org/fonts/wasy-type1>
 PKG-URL: <https://ctan.org/pkg/wasy-type1>
- Hoenig, Alan. *The duerer package. Computer Duerer fonts*. 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/duerer>
 PKG-URL: <https://ctan.org/pkg/duerer>
- *The lbtex package. Label diagrams produced in Metafont*. 2016-06-24. Version 0.9. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/lbtex>
 PKG-URL: <https://ctan.org/pkg/lbtex>

- *The Makor 2 package. Typeset pointed Hebrew using Omega.* 2021-08-26. LICENSE: lppl
URL: <https://mirror.ctan.org/language/hebrew/makor>

- *The mathinst package. Merge font families to create mathematical font sets.* 2016-06-24. LICENSE: gpl. A set of Perl and scripts to integrate mathematical fonts for use by (La)TeX using a family of Roman types and a set of raw math fonts (such as Euler, or the commercial MathTime or Lucida New Math fonts). All fonts are properly scaled for compatibility with the Roman fonts.
URL: <https://mirror.ctan.org/fonts/utilities/mathinst>
PKG-URL: <https://ctan.org/pkg/mathinst>
- *The mathkit package. Generate maths fonts to match outline fonts.* 2016-06-24. Version 0.7. LICENSE: gpl
URL: <https://mirror.ctan.org/fonts/utilities/mathkit>
PKG-URL: <https://ctan.org/pkg/mathkit>
- *The poetica package. Support for Adobe Poetica fonts in Type 1 format.* 2021-08-26. LICENSE: noinfo
URL: <https://mirror.ctan.org/fonts/poetica>
PKG-URL: <https://ctan.org/pkg/poetica>
- *The vfst package. Virtual font installation support.* 2016-06-24. Version 0.8. LICENSE: gpl. A set of scripts and Perl files which aim to make the installation of families of PostScript fonts and creation of necessary virtual fonts and outline fonts ‘virtually’ automatic. The scripts use .
URL: <https://mirror.ctan.org/fonts/utilities/vfst>
PKG-URL: <https://ctan.org/pkg/vfst>
- Hoening, Stefan. *The chess-problem-diagrams package. A package for typesetting chess problem diagrams.* 2022-06-23. Version 1.21. LICENSE: lppl1.2
URL: <https://mirror.ctan.org/macros/latex/contrib/chess-problem-diagrams>
PKG-URL: <https://ctan.org/pkg/chess-problem-diagrams>
- *The schwalbe-chess package. Typeset the German chess magazine “Die Schwalbe”.* 2022-06-23. Version 2.12. LICENSE: lppl1.2. The package is based on , which in its turn has a dependency on the .
URL: <https://mirror.ctan.org/macros/latex/contrib/schwalbe-chess>
PKG-URL: <https://ctan.org/pkg/schwalbe-chess>
- Hoeven, Joris van der. *The TeXmacs package. Structured text editor for TeX.* 2017-04-18. Version 1.0.7.20. LICENSE: gpl
URL: <https://mirror.ctan.org/support/TeXmacs>
PKG-URL: <https://ctan.org/pkg/TeXmacs>
- Hoffman, Joel M. *The listings-ext package. Automated input of source.* 2016-06-24. Version 67. LICENSE: lppl1.2
URL: <https://mirror.ctan.org/macros/latex/contrib/listings-ext>
PKG-URL: <https://ctan.org/pkg/listings-ext>
- Hoffman, Joel M. *The texchord package. Typeset guitar-chord diagrams.* 2016-06-24. Version 0.8. LICENSE: nocommercial
URL: <https://mirror.ctan.org/macros/generic/texchord>
PKG-URL: <https://ctan.org/pkg/texchord>
- Hoffmann, Jobst. *The struktex package. Draw Nassi-Shneiderman charts.* 2018-06-04. Version 2.3c-0-g7d3fc5b. LICENSE: lppl1.2
URL: <https://mirror.ctan.org/macros/latex/contrib/struktex>
PKG-URL: <https://ctan.org/pkg/struktex>
- Hoffmann, Jobst, Brooks Moses, and Carsten Heinz. *The listings package. Typeset source code listings using L^AT_EX.* 2020-05-09. Version 1.8d. LICENSE: lppl1.3c

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

Hoffmann, Torben. *The skak package. Fonts and macros for typesetting chess games*. 2021-12-10. Version 1.5.3.
 LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/chess/skak>
 PKG-URL: <https://ctan.org/pkg/skak>

— *The tikz-opm package. Typeset OPM diagrams*. 2016-06-24. Version 0.1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-opm>
 PKG-URL: <https://ctan.org/pkg/tikz-opm>

Höffner, Konrad. *The aurl package. Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes*. 2019-06-21. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/aurl>
 PKG-URL: <https://ctan.org/pkg/aurl>

Hofmann, Michael T. *The XTeXShell package. A shell/editor*. 2016-06-24. LICENSE: gpl2
 URL: <https://mirror.ctan.org/support/xtexshell>
 PKG-URL: <https://ctan.org/pkg/XTeXShell>

Hofmann, Tom. *The annotation-pkg package. Suppress or permit annotations to a document*. 2016-06-24.
 LICENSE: noinfo. The package defines a environment, whose contents may be controlled by (to print the content, the default) or (to suppress the content).
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/annotation.sty>
 PKG-URL: <https://ctan.org/pkg/annotation-pkg>

Hofstra, Silke. *The comicneue package. Use Comic Neue with TeX(-alike) systems*. 2020-04-26. Version 1.2.
 LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/comicneue>
 PKG-URL: <https://ctan.org/pkg/comicneue>

— *The raleway package. Use Raleway with TeX(-alike) systems*. 2016-12-03. Version 1.4. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/raleway>
 PKG-URL: <https://ctan.org/pkg/raleway>

— *The sourcecodepro package. Use SourceCodePro with TeX(-alike) systems*. 2019-05-19. Version 2.7. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/sourcecodepro>
 PKG-URL: <https://ctan.org/pkg/sourcecodepro>

— *The SourceSansPro package. Use SourceSansPro with TeX(-alike) systems*. 2020-04-26. Version 2.8. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/sourcesanspro>
 PKG-URL: <https://ctan.org/pkg/SourceSansPro>

Hofstra, Silke. *The sourceserifpro package. Use SourceSerifPro with TeX(-alike) systems*. 2018-11-10. Version 1.4. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/sourceserifpro>
 PKG-URL: <https://ctan.org/pkg/sourceserifpro>

Hoftich, Michal. *The biblatex-iso690 package. BibLaTeX style for ISO 690 standard*. 2022-03-21. Version 0.4.1.
 LICENSE: lppl1.3. The package provides a bibliography and citation style which conforms to the latest revision of the international standard ISO 690:2010. The implementation follows BibLaTeX conventions and requires ≥ 3.4 and ≥ 2.5 .
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-iso690>
 PKG-URL: <https://ctan.org/pkg/biblatex-iso690>

- *The ctanbib package. Export CTAN entries to bib format.* 2021-06-30. Version 0.2a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/support/ctanbib>
 PKG-URL: <https://ctan.org/pkg/ctanbib>
- *The linebreaker package. Prevent overflow boxes with LuaLaTeX.* 2022-03-12. Version 0.1a. LICENSE: lppl1.3. 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: lppl1.3
 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: lppl1.3. 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^AT_EX tables.* 2016-06-24. Version 0.6. LICENSE: lppl1.3
 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: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
 PKG-URL: <https://ctan.org/pkg/sectionbreak>
- Hoftich, Michal. *The tex4ebook package. Converter from L^AT_EX to ebook formats.* 2022-02-18. Version 0.3h. LICENSE: lppl1.3. This is a bundle of Lua scripts and L^AT_EX packages for conversion of L^AT_EX 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: lpl1.3. 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: lpl1.3. 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^AT_EX The packages (no longer distributed as a bundle) comprise:
 PKG-URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L^AT_EX2_ε**. 2022-06-22. LICENSE: lpl1.3c
 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: lpl1.3
 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: lpl1.3. 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: lpl1.3c
 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: lpl1
 URL: <https://mirror.ctan.org/macros/latex/contrib/uafthesis>
 PKG-URL: <https://ctan.org/pkg/uafthesis>
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 URL: <https://mirror.ctan.org/fonts/trsym>
 PKG-URL: <https://ctan.org/pkg/trsym>

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PKG-URL: <https://ctan.org/pkg/latex-mr>
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PKG-URL: <https://ctan.org/pkg/anti>
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PKG-URL: <https://ctan.org/pkg/a4wide>
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- *The ratexdb package. Database reports using L^AT_EX and Ruby*. 2016-06-24. Version 0.13. LICENSE: gpl
URL: <https://mirror.ctan.org/support/ratexdb>
PKG-URL: <https://ctan.org/pkg/ratexdb>
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URL: <https://mirror.ctan.org/fonts/msym>
PKG-URL: <https://ctan.org/pkg/msym>
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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 lertext package. Typesetting legal documents using plain TeX*. 2016-06-24. Version 1.005. LICENSE: noinfo. LeXTeX 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/lertext>
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 PKG-URL: <https://ctan.org/pkg/lewis>
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 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^AT_EX 2.09.* 2016-06-24. LICENSE: noinfo. This package uses the L^AT_EX 2.09 font selection system; current L^AT_EX 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 resums.* 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^AT_EX; however, there remain packages that restore the undesirable behaviour of the command as provided in L^AT_EX 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
 PKG-URL: <https://ctan.org/pkg/morefloats>
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 PKG-URL: <https://ctan.org/pkg/amiri>
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 URL: <https://mirror.ctan.org/fonts/xits>
 PKG-URL: <https://ctan.org/pkg/xits>
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 URL: <https://mirror.ctan.org/fonts/punknova>
 PKG-URL: <https://ctan.org/pkg/punknova>
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 PKG-URL: <https://ctan.org/pkg/libertinus-fonts>
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 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
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 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/noconflict>
 PKG-URL: <https://ctan.org/pkg/noconflict>
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 URL: <https://mirror.ctan.org/language/bengali/bangla>
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 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>
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 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/musical>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/resumecls>
 PKG-URL: <https://ctan.org/pkg/resumecls>
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 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>
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 URL: <https://mirror.ctan.org/info/latex-notes-zh-cn>
 PKG-URL: <https://ctan.org/pkg/latex-notes-zh-cn>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/block>
 PKG-URL: <https://ctan.org/pkg/block>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/sduthesis>
 PKG-URL: <https://ctan.org/pkg/sduthesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/xprintlen>
 PKG-URL: <https://ctan.org/pkg/xprintlen>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/mcmthesis>
 PKG-URL: <https://ctan.org/pkg/mcmthesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simplesdarkerblue>
 PKG-URL: <https://ctan.org/pkg/Beamertheme-SimpleDarkBlue>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/parnotes>
 PKG-URL: <https://ctan.org/pkg/parnotes>
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 URL: <https://mirror.ctan.org/support/latexindent>
 PKG-URL: <https://ctan.org/pkg/latexindent>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/expdlist>
 PKG-URL: <https://ctan.org/pkg/expdlist>
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 URL: <https://mirror.ctan.org/graphics/pstex>
 PKG-URL: <https://ctan.org/pkg/pstex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/assoccnt>
 PKG-URL: <https://ctan.org/pkg/assoccnt>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cntperchap>
 PKG-URL: <https://ctan.org/pkg/cntperchap>
- Hupfer, Christian. *The crossreftools package. Expandable extraction of cleveref data.* 2020-07-19. Version 1.0. LICENSE: lppl1.3. 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: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/jumplines>
 PKG-URL: <https://ctan.org/pkg/jumplines>
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 PKG-URL: <https://ctan.org/pkg/xassocnt>
- *The xcntperchap package*. Track the number of subsections etc. that occur in a specified tracklevel. 2020-01-16. Version 0.5. LICENSE: lppl1.3. This package is the successor of and allows to provide more tracklevels than just only one.
 URL: <https://mirror.ctan.org/macros/latex/contrib/xcntperchap>
 PKG-URL: <https://ctan.org/pkg/xcntperchap>
- Hurt, James. *The javaDVI package*. DVI viewer and printer coded in Java. 2016-06-24. LICENSE: lppl. javaDVI is a DVI viewer and printer coded in Java, and running under the Java RTE 1.3 using the . The fonts are included as a file, a format suitable for use with javaDVI.
 URL: <https://mirror.ctan.org/dviware/javadvi>
 PKG-URL: <https://ctan.org/pkg/javaDVI>
- Hutchinson, Ian. *The figflow package*. Flow text around a figure. 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/plain/contrib/figflow>
 PKG-URL: <https://ctan.org/pkg/figflow>
- *The tth package*. A TeX to HTML translator. 2017-04-18. Version 3.85. LICENSE: other-free
 URL: <https://mirror.ctan.org/support/tth/dist>
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 PKG-URL: <https://ctan.org/pkg/dvisun>
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 URL: <https://mirror.ctan.org/info/amslatex/vietnamese>
 PKG-URL: <https://ctan.org/pkg/amslatexdoc-vietnamese>
- *The CTAN tools package*. A jiffy to search CTAN file list. 2020-03-19. Version 1.5.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/support/ctantools>
- *The extarrows package*. Extra Arrows beyond those provided in amsmath. 2020-03-19. Version 1.2.0. LICENSE: lgpl. Arrows are provided to supplement and of the amsath package: , , , , , and .
 URL: <https://mirror.ctan.org/macros/latex/contrib/extarrows>
 PKG-URL: <https://ctan.org/pkg/extarrows>
- *The ktv-texdata package*. Extract subsets of documents. 2020-03-19. Version 05.34. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ktv-texdata>
 PKG-URL: <https://ctan.org/pkg/ktv-texdata>
- Huynh, Ky-Anh. *The nththeorem-vn package*. Vietnamese translation of documentation of nththeorem. 2020-03-19. Version 1.203. LICENSE: lppl. This is a translation of the documentation provided with .
 URL: <https://mirror.ctan.org/info/translations/ntheorem/vn>
 PKG-URL: <https://ctan.org/pkg/ntheorem-vn>
- *The pydocstrip package*. Scripted version of L^AT_EX docstrip. 2020-03-19. LICENSE: gpl. Pydocstrip is a Python script that provides several facilities not available via the L^AT_EX standard .
 URL: <https://mirror.ctan.org/support/pydocstrip>
 PKG-URL: <https://ctan.org/pkg/pydocstrip>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/basque-book>
 PKG-URL: <https://ctan.org/pkg/basque-book>
- *The basque-date package. Print the date in Basque.* 2016-06-24. Version 1.05. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/basque-date>
 PKG-URL: <https://ctan.org/pkg/basque-date>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ekaia>
 PKG-URL: <https://ctan.org/pkg/ekaia>
- IBM Corporation. *The Courier package. Adobe Type 1 "free" copies of Courier.* 2020-06-06. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/obsolete/fonts/psfonts/ibm/courier>
 PKG-URL: <https://ctan.org/pkg/Courier>
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 PKG-URL: <https://ctan.org/pkg/techexplorer>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/tiscreeen>
 PKG-URL: <https://ctan.org/pkg/tiscreeen>
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 URL: <https://mirror.ctan.org/graphics/asypictureb>
 PKG-URL: <https://ctan.org/pkg/asypictureB>
- Iliev, Iliev. *The textool package. A SunOS DVI viewer.* 2016-06-24. LICENSE: noinfo. Display a DVI file in a SunView window; works with both PXL and PK fonts. (The program is a development of.)
 URL: <https://mirror.ctan.org/dviware/textool>
 PKG-URL: <https://ctan.org/pkg/textool>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/h2020proposal>
 PKG-URL: <https://ctan.org/pkg/h2020proposal>
- Information-technology Promotion Agency, Japan, Hironori Kitagawa, and Norbert Preining. *The ipaex package. IPA (Japanese) fonts.* 2021-05-26. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/ipaex>
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- Ing and Japanese TeX Development Community. *The babel-japanese package. Babel support for Japanese.* 2021-02-13. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/japanese>
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 URL: <https://mirror.ctan.org/macros/generic/bagpipe>
 PKG-URL: <https://ctan.org/pkg/bagpipe>
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- Irwin, Oliver. *The frpseudocode package. French translation for the algorithmicx package.* 2020-08-10. Version 0.3.0. LICENSE: lpl1.3c. This package is intended for use alongside Szász János' package. Its aim is to provide a French translation of terms and words used in algorithms to make it integrate seamlessly in a French written document.
 URL: <https://mirror.ctan.org/macros/latex/contrib/frpseudocode>
 PKG-URL: <https://ctan.org/pkg/frpseudocode>
- Isambert, Paul. *The lecturer package. On-screen presentations for (almost) all formats.* 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/generic/lecturer>
 PKG-URL: <https://ctan.org/pkg/lecturer>
- *The librarian package. Tools to create bibliographies in TeX.* 2016-06-24. Version 1.0. LICENSE: lpl
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 PKG-URL: <https://ctan.org/pkg/librarian>
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 PKG-URL: <https://ctan.org/pkg/synproof>
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 PKG-URL: <https://ctan.org/pkg/tex-gyre-math-dejavu>
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 PKG-URL: <https://ctan.org/pkg/ascmac>
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 PKG-URL: <https://ctan.org/pkg/mendex-doc>
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 URL: <https://mirror.ctan.org/biblio/pbibtex/pbibtex-manual>
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 PKG-URL: <https://ctan.org/pkg/ptex-fontmaps>
- *The ptex-manual package. Japanese pTeX manual.* 2022-04-05. LICENSE: bsd3
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 PKG-URL: <https://ctan.org/pkg/ptex-manual>
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 PKG-URL: <https://ctan.org/pkg/ptex-texmf>
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 URL: <https://mirror.ctan.org/macros/jptex/generic/ptex2pdf>
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 PKG-URL: <https://ctan.org/pkg/inputenc>

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

— *The euler package. Use AMS Euler fonts for math*. 2016-06-24. Version 2.5. LICENSE: lppl. Provides a setup for using the AMS Euler family of fonts for mathematics in L^AT_EX documents. “The underlying philosophy of Zapf’s Euler design was to capture the flavour of mathematics as it might be written by a mathematician with excellent handwriting.” The euler package is based on Knuth’s macros for the book

- ‘Concrete Mathematics’. The text fonts for the Concrete book are supported by the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/euler>
 PKG-URL: <https://ctan.org/pkg/euler>
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 URL: <https://mirror.ctan.org/graphics/endofproofwd>
 PKG-URL: <https://ctan.org/pkg/endofproofwd>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/derivative>
 PKG-URL: <https://ctan.org/pkg/derivative>
- Jeong, Joohee. *The jspell package. An ASCII file spelling checker.* 2016-06-24. Version 2.11. LICENSE: nosource
 URL: <https://mirror.ctan.org/support/jspell>
 PKG-URL: <https://ctan.org/pkg/jspell>
- *The nemocal package. Calendar maker.* 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/support/nemocal>
 PKG-URL: <https://ctan.org/pkg/nemocal>
- Jeřábek, Emil. *The theoremref package. References with automatic theorem names.* 2018-01-06. LICENSE: lppl,gpl2
 URL: <https://mirror.ctan.org/macros/latex/contrib/theoremref>
 PKG-URL: <https://ctan.org/pkg/theoremref>
- Jerry, Teddy van. *The seu-ml-assign package. Southeast University Machine Learning Assignment template.* 2022-03-30. Version 1.1. LICENSE: mit. This is a template for the Machine Learning Assignment that can be easily adapted to other usages. This template features a colorful theme that makes it look elegant and attractive. You can also find the template available on .
 URL: <https://mirror.ctan.org/macros/latex/contrib/seu-ml-assign>
 PKG-URL: <https://ctan.org/pkg/seu-ml-assign>
- Jiang, Zhuhan. *The default package. Provide default parameters for TeX macros.* 2020-04-11. Version 1.3. LICENSE: noinfo. The command defines default values for the arguments of an existing macro; the macro, thus adjusted, is called with square brackets around arguments which are overriding the default. (This is the same scheme as is used in L^AT_EX.)
 URL: <https://mirror.ctan.org/macros/generic/misc/default.sty>
 PKG-URL: <https://ctan.org/pkg/default>
- *The formlett package. Letters to multiple recipients.* 2016-06-24. Version 2.3. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/generic/formlett>
 PKG-URL: <https://ctan.org/pkg/formlett>
- *The vruler package. Numbering text.* 2016-06-24. Version 2.3. LICENSE: lppl1
 URL: <https://mirror.ctan.org/macros/latex/contrib/vruler>
 PKG-URL: <https://ctan.org/pkg/vruler>
- Jira, Marcel. *The progressbar package. Visualize shares of total amounts in the form of a (progress-)bar.* 2016-06-24. Version 1.0b 4. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/progressbar>
 PKG-URL: <https://ctan.org/pkg/progressbar>
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 URL: <https://mirror.ctan.org/fonts/utilities/metatype1>
 PKG-URL: <https://ctan.org/pkg/metatype1>
- JNS team, Bogusław Jackowski, Janusz Marian Nowacki, and Piotr Strzelczyk. *The qfonts package. PostScript (Adobe Type 1) fonts in QX layout.* 2021-08-26. Version 1.07. LICENSE: gpl

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 PKG-URL: <https://ctan.org/pkg/qfonts>
- John, ST. *The annotate-equations package. Easily annotate math equations using TikZ.* 2022-04-06. Version 0.1.0. LICENSE: mit. This package provides commands that make it easy to highlight terms in equations and add annotation labels using . It should work with pdfLaTeX as well as LuaLaTeX.
 URL: <https://mirror.ctan.org/macros/latex/contrib/annotate-equations>
 PKG-URL: <https://ctan.org/pkg/annotate-equations>
- Johnson, Dave. *The chgbar package. Draw change bars in the margin.* 2016-06-24. LICENSE: noinfo. Defines macros and to mark the extent of changes to the document. The change bar is drawn continuously between the lines containing the two macros, but there are issues due to the timing of glue set in the vertical stretchability of the page.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/chgbar.sty>
 PKG-URL: <https://ctan.org/pkg/chgbar>
- Johnstone, Adrian. *The lccircuit package. Circuit symbols for use in L^AT_EX picture mode.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/lccircuit>
 PKG-URL: <https://ctan.org/pkg/lccircuit>
- Jois, Deepak. *The luapackageloader package. Allow LuaTeX to load external Lua packages.* 2019-12-22. Version 0.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/luatex/generic/luapackageloader>
 PKG-URL: <https://ctan.org/pkg/luapackageloader>
- Jones, David M. *The eqnarray209 package. A fix for L^AT_EX 2.09 eqnarray.* 2016-06-24. Version 1.0. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/eqnarray.sty>
 PKG-URL: <https://ctan.org/pkg/eqnarray209>
- *The hangcaption package. Hanging layout for captions.* 2019-06-21. Version 2.0. LICENSE: noinfo. The hangcaption package redefines the caption command to produce captions with hanging indentation. While this package will work with current L^AT_EX, its effects are better achieved by one of the many functions of the package.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/hangcaption.sty>
 PKG-URL: <https://ctan.org/pkg/hangcaption>
 - *The index package. Extended index for L^AT_EX including multiple indexes.* 2016-06-24. Version 4.1beta. LICENSE: other-free. This is a reimplementaion of L^AT_EX's indexing macros to provide better support for indexing. For example, it supports multiple indexes in a single document and provides a more robust command. It supplies short hand notations for the command () and a * variation of (abbreviated) that prints the word being indexed, as well as creating an index entry for it.
 URL: <https://mirror.ctan.org/macros/latex/contrib/index>
 PKG-URL: <https://ctan.org/pkg/index>
- Jones, Geoffrey. *The ifthenx package. Extra tests for \ifthenelse.* 2016-06-24. Version 0.1a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ifthenx>
 PKG-URL: <https://ctan.org/pkg/ifthenx>
- *The typeface package. Select a balanced set of fonts.* 2016-06-24. Version 0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/typeface>
 PKG-URL: <https://ctan.org/pkg/typeface>
- Jones, Peter. *The oup-authoring-template package. A general template for journals published by Oxford University Press (OUP).* 2022-03-25. Version 1.1. LICENSE: lppl1.2. This package provides a general L^AT_EX

- template for journals published by Oxford University Press (OUP). The template outputs to the three official page designs (traditional, contemporary, modern) used by many journals published by OUP, with large, medium and small page options. For more information see .
 URL: <https://mirror.ctan.org/macros/latex/contrib/oup-authoring-template>
 PKG-URL: <https://ctan.org/pkg/oup-authoring-template>
- Jørgensen, Arne. *The dk-bib package. Danish variants of standard BibTeX styles.* 2016-06-24. Version 0.6.
 LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/dk-bib>
 PKG-URL: <https://ctan.org/pkg/dk-bib>
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 LICENSE: gpl3+
 URL: <https://mirror.ctan.org/macros/latex/contrib/addfont>
 PKG-URL: <https://ctan.org/pkg/addfont>
- *The aesupp package. Special support for the æ character.* 2021-03-18. Version 1. LICENSE: gpl, gpl3+
 URL: <https://mirror.ctan.org/fonts/aesupp>
 PKG-URL: <https://ctan.org/pkg/aesupp>
 - *The carolmin-t1 package. Adobe Type 1 format of Carolingian Minuscule fonts.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/carolmin-ps>
 PKG-URL: <https://ctan.org/pkg/carolmin-t1>
 - *The duerer-LaTeX package. LaTeX support for the Duerer fonts.* 2016-06-24. Version 1.1. LICENSE: gpl.
 LaTeX support for Hoenig's fonts, using their standard names.
 URL: <https://mirror.ctan.org/macros/latex/contrib/duerer-latex>
 PKG-URL: <https://ctan.org/pkg/duerer-LaTeX>
 - *The emf package. Support for the EMF symbol.* 2019-06-21. Version 1. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/emf>
 PKG-URL: <https://ctan.org/pkg/emf>
 - *The exteps package. Include EPS figures in MetaPost.* 2018-01-06. Version 0.41. LICENSE: gpl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/exteps>
 PKG-URL: <https://ctan.org/pkg/exteps>
 - *The foekfont package. The title font of the Mads Føk magazine.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/foekfont>
 PKG-URL: <https://ctan.org/pkg/foekfont>
 - *The fonetika package. Support for the Danish "Dania" phonetic system.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/fonetika>
 PKG-URL: <https://ctan.org/pkg/fonetika>
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 LICENSE: gpl3
 URL: <https://mirror.ctan.org/fonts/frimurer>
 PKG-URL: <https://ctan.org/pkg/frimurer>
- *The mparrows package. MetaPost module with different types of arrow heads.* 2016-06-24. Version 0.1.
 LICENSE: pd. A package to provide different types of arrow heads to be used with MetaPost commands and commands.
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mparrows>
 PKG-URL: <https://ctan.org/pkg/mparrows>
 - *The ocr-latex package. LaTeX support for ocr fonts.* 2016-06-24. LICENSE: gpl. The package supports use of both and fonts in L^AT_EX documents.

- URL: <https://mirror.ctan.org/macros/latex/contrib/ocr-latex>
 PKG-URL: <https://ctan.org/pkg/ocr-latex>
- *The pandora-latex package. LaTeX support for the Pandora fonts.* 2016-06-24. Version 1.1. LICENSE: gpl. Support for Neena Billawala’s fonts, in L^AT_EX. Note that the bundle already offers support, but the present package uses the “correct” () abbreviations for the font’s names.
 URL: <https://mirror.ctan.org/macros/latex/contrib/pandora-latex>
 PKG-URL: <https://ctan.org/pkg/pandora-latex>
 - *The plimsoll package. Fonts with the Plimsoll symbol and L^AT_EX support.* 2020-10-12. Version 1. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/fonts/plimsoll>
 PKG-URL: <https://ctan.org/pkg/plimsoll>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/punk-latex>
 PKG-URL: <https://ctan.org/pkg/Punk-LaTeX>
 - *The subtext package. Easy text-style subscripts in math mode.* 2019-05-30. Version 1.1. LICENSE: gpl3. This L^AT_EX package gives easy access to text-style subscripts in math mode by providing an optional argument to . This is implemented by using the command from the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/subtext>
 PKG-URL: <https://ctan.org/pkg/subtext>
 - *The tfrupee package. A font offering the new (Indian) Rupee symbol.* 2016-06-24. Version 1.02. LICENSE: gpl3
 URL: <https://mirror.ctan.org/fonts/tfruppee>
 PKG-URL: <https://ctan.org/pkg/tfruppee>
 - *The thinsp package. A stretchable \thinspace for L^AT_EX.* 2016-06-24. Version 0.2. LICENSE: gpl. The package redefines to have a stretch component.
 URL: <https://mirror.ctan.org/macros/latex/contrib/thinsp>
 PKG-URL: <https://ctan.org/pkg/thinsp>
 - *The utf8add package. Additional support for UTF-8 encoded L^AT_EX input.* 2021-11-16. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/macros/latex/contrib/utf8add>
 PKG-URL: <https://ctan.org/pkg/utf8add>
- Jorssen, Christophe and Jean-Côme Charpentier. *The pst-infixplot package. Using PSTricks plotting capacities with infix expressions rather than RPN.* 2016-06-24. Version 0.11. LICENSE: lppl. Plotting functions with is very powerful but sometimes difficult to learn since the syntax of and requires some PostScript knowledge. The and styles simplify the usage of for the beginner, providing macro commands that convert natural mathematical expressions to PostScript syntax.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-infixplot>
 PKG-URL: <https://ctan.org/pkg/pst-infixplot>
- Jorssen, Christophe and Herbert Voß. *The pst-math package. Enhancement of PostScript math operators to use with PSTricks.* 2018-12-15. Version 0.65. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-math>
 PKG-URL: <https://ctan.org/pkg/pst-math>
- Joulin, Jean-Luc. *The hsindex package. An alternative index processor to imakeidx written with Haskell.* 2022-04-05. Version 0.12.0. LICENSE: gpl

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 PKG-URL: <https://ctan.org/pkg/hsindex>
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 URL: <https://mirror.ctan.org/dviware/dvivue>
 PKG-URL: <https://ctan.org/pkg/DVIVue>
- *The ltx2mathml package. Convert L^AT_EX math to MathML*. 2020-10-22. Version 1.0. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/support/ltx2mathml>
 PKG-URL: <https://ctan.org/pkg/ltx2mathml>
- *The OT2Woff package. OpenType to Woff converter*. 2020-10-05. Version 1.0. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/fonts/utilities/ot2woff>
 PKG-URL: <https://ctan.org/pkg/OT2Woff>
- *The T1Subset package. A C++ library for subsetting PostScript Type 1 fonts*. 2020-10-07. Version 1.0. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/fonts/utilities/t1subset>
 PKG-URL: <https://ctan.org/pkg/T1Subset>
- *The Woff2OT package. Woff to OpenType converter*. 2020-10-05. Version 1.0. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/fonts/utilities/woff2ot>
 PKG-URL: <https://ctan.org/pkg/Woff2OT>
- Jr, Walter Maldonado. *The fcavtex package. A thesis class for the FCAV/UNESP (Brazil)*. 2017-04-18. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/fcavtex>
 PKG-URL: <https://ctan.org/pkg/fcavtex>
- Jr, James H. Cloos. *The fullblck package. Left-blocking for letter class*. 2016-06-24. Version 1.03. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/fullblck>
 PKG-URL: <https://ctan.org/pkg/fullblck>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/card-set.sty>
 PKG-URL: <https://ctan.org/pkg/card-set>
- Jud, Roger. *The exercises package. Typeset exercises and solutions with automatic addition of points*. 2020-05-17. Version 1.1. LICENSE: lppl1.2. This package defines the environments and . The layout of these environments can be customized. The — optional — points in the exercises can be added automatically. The package also permits to hide the solutions.
 URL: <https://mirror.ctan.org/macros/latex/contrib/exercises>
 PKG-URL: <https://ctan.org/pkg/exercises>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/kurdishlipsum>
 PKG-URL: <https://ctan.org/pkg/kurdishlipsum>
- Just, Jérémy. *The GUTenberg package. French TeX Users Group information*. 2022-05-23. LICENSE: cc-by-4
 URL: <https://mirror.ctan.org/usergrps/gutenberg>
 PKG-URL: <https://ctan.org/pkg/GUTenberg>

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 URL: <https://mirror.ctan.org/info/visualfaq-fr>
 PKG-URL: <https://ctan.org/pkg/visualFAQ-fr>
- Justen, Christian. *The CJHebrew package. Typeset Hebrew with L^AT_EX.* 2017-03-09. Version 0.2a. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/hebrew/cjhebrew>
 PKG-URL: <https://ctan.org/pkg/CJHebrew>
- Kabal, Peter. *The texdraw package. Graphical macros, using embedded PostScript.* 2019-05-06. Version v2r3.
 LICENSE: cc-by-4
 URL: <https://mirror.ctan.org/graphics/texdraw>
 PKG-URL: <https://ctan.org/pkg/texdraw>
- Kaerts, Jonas. *The jkmath package. Macros for mathematics that make the code more readable.* 2018-04-29.
 Version 0.1. LICENSE: lpl. Inspired by the package on CTAN, the package defines some simple macros
 for mathematical notation which make the code more readable and/or allow flexibility in typesetting
 material.
 URL: <https://mirror.ctan.org/macros/latex/contrib/jkmath>
 PKG-URL: <https://ctan.org/pkg/jkmath>
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 LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/psfonts/textures>
 PKG-URL: <https://ctan.org/pkg/textures-metrics>
- Kaijanaho, Antti-Juhani. *The finplain package. A Finnish version of plain.bst.* 2016-06-18. LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/finplain.bst>
 PKG-URL: <https://ctan.org/pkg/finplain>
- *The plari package. Typesetting stageplay scripts.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/plari>
 PKG-URL: <https://ctan.org/pkg/plari>
- *The texmalli package. A quick Finnish introduction to using L^AT_EX.* 2016-06-18. Version 2.0. LICENSE: pd
 URL: <https://mirror.ctan.org/info/finnish/texmalli>
 PKG-URL: <https://ctan.org/pkg/texmalli>
- Kaijanaho, Antti-Juhani and Björn Brill. *The catdvi package. A DVI to plain text translator.* 2017-04-18.
 Version 0.14. LICENSE: gpl. A DVI to plain text translator capable of generating ASCII, Latin-1, Latin-9
 and UTF-8 (Unicode) output, and recognising T1 and other L^AT_EX encodings (as well as Knuth's original
 encodings and those of AMS and other fonts). Catdvi aims to become a superior replacement for the
 utility; the present version outperforms dvi2tty in some areas and is inferior to it in other areas.
 URL: <https://mirror.ctan.org/dviware/catdvi>
 PKG-URL: <https://ctan.org/pkg/catdvi>
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 LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/bithesis>
 PKG-URL: <https://ctan.org/pkg/bithesis>
- Kakuto, Akira. *The w32tex package. A comprehensive TeX system for Windows.* 2021-09-15. LICENSE: other-
 free. A Japanese-oriented (full) TeX distribution, which provides the basis of the Windows TeX offered by .
 PKG-URL: <https://ctan.org/pkg/w32tex>
- Kakuto, Akira and Karl Berry. *The epsf-dvipdfmx package. Plain TeX file for using epsf.tex with (x)dvipdfmx.*
 2021-06-26. Version 2014. LICENSE: pd

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 PKG-URL: <https://ctan.org/pkg/epsf-dvipdfmx>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/manyind>
 PKG-URL: <https://ctan.org/pkg/manyind>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/robustindex>
 PKG-URL: <https://ctan.org/pkg/robustindex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/anufinal exam>
 PKG-URL: <https://ctan.org/pkg/ANUfinal exam>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/bodeplot>
 PKG-URL: <https://ctan.org/pkg/bodeplot>
- Kamermans, Mike. *The fontwrap package. Bind fonts to specific unicode blocks.* 2016-10-08. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/xetex/latex/fontwrap>
 PKG-URL: <https://ctan.org/pkg/fontwrap>
- *The ucharclasses package. Font actions in XeTeX according to what is being processed.* 2022-03-03. Version 2.5. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/xetex/latex/ucharclasses>
 PKG-URL: <https://ctan.org/pkg/ucharclasses>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/musikui>
 PKG-URL: <https://ctan.org/pkg/musikui>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-estonian>
 PKG-URL: <https://ctan.org/pkg/glossaries-estonian>
- Kaplunovsky, Vadim. *The phyzzx package. A TeX format for physicists.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/phyzzx>
 PKG-URL: <https://ctan.org/pkg/phyzzx>
- Kapune, Albert. *The fi2t1 package. Tools for installing Type 1 fonts in MiKTeX.* 2016-06-24. LICENSE: other-free. Preparing Type1 fonts for is a tedious work. This package contains a small guideline for the font installation and a binary (and its BASIC source) that performs the necessary .pfb conversions. The tool requires the package. It is specific to MiKTeX 2.3.
 URL: <https://mirror.ctan.org/support/miktex-contrib/fi2t1>
 PKG-URL: <https://ctan.org/pkg/fi2t1>
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 URL: <https://mirror.ctan.org/info/lshort/bulgarian>
 PKG-URL: <https://ctan.org/pkg/lshort-bulgarian>

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 URL: <https://mirror.ctan.org/info/translations/pst-eucl/bulgarian>
 PKG-URL: <https://ctan.org/pkg/pst-eucl-translation-bg>
- Karaoglu, Bekir and Tobias Oetiker. *The lshort-turkish package. Turkish introduction to L^AT_EX.* 2016-06-24. Version 4.20. LICENSE: pd. A Turkish translation of Oetiker's .
 URL: <https://mirror.ctan.org/info/lshort/turkish>
 PKG-URL: <https://ctan.org/pkg/lshort-turkish>
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 PKG-URL: <https://ctan.org/pkg/cyrillic209>
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 PKG-URL: <https://ctan.org/pkg/ThaiLaTeX>
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 PKG-URL: <https://ctan.org/pkg/binhex>
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 PKG-URL: <https://ctan.org/pkg/patch>
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 PKG-URL: <https://ctan.org/pkg/perpage>
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 PKG-URL: <https://ctan.org/pkg/preview-latex>
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 PKG-URL: <https://ctan.org/pkg/qstest>
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 PKG-URL: <https://ctan.org/pkg/preview>
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 PKG-URL: <https://ctan.org/pkg/gauss>
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 PKG-URL: <https://ctan.org/pkg/beamersubframe>
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 PKG-URL: <https://ctan.org/pkg/lcd>
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 PKG-URL: <https://ctan.org/pkg/logpap>
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 PKG-URL: <https://ctan.org/pkg/NotesPages>
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 PKG-URL: <https://ctan.org/pkg/ligtype>
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 PKG-URL: <https://ctan.org/pkg/showhyphenation>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/showkerning>
 PKG-URL: <https://ctan.org/pkg/showkerning>
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 PKG-URL: <https://ctan.org/pkg/spacekern>
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 PKG-URL: <https://ctan.org/pkg/gatech-thesis>
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 PKG-URL: <https://ctan.org/pkg/DVIToLN03>
- *The kelly-greek-font package. Simple fonts for Greek.* 2016-06-24. LICENSE: noinfo
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 PKG-URL: <https://ctan.org/pkg/kelly-greek-font>
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 The package defines commands and , that take a sequence of texts to be placed in boxes; the arguments correspond to those of .
 URL: <https://mirror.ctan.org/macros/latex/contrib/multibox>
 PKG-URL: <https://ctan.org/pkg/multibox>
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 PKG-URL: <https://ctan.org/pkg/crosswrd>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utis/xbibtex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/color-edits>
 PKG-URL: <https://ctan.org/pkg/color-edits>

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 LICENSE: gpl
 URL: <https://mirror.ctan.org/support/vvcode>
 PKG-URL: <https://ctan.org/pkg/vvcode>
- Kempson, Niel and The TeX Live Team. *The bibtex8 package. A fully 8-bit adaptation of BibTeX 0.99.* 2022-09-20. Version 3.72. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/bibtex-x>
 PKG-URL: <https://ctan.org/pkg/bibtex8>
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 URL: <https://mirror.ctan.org/fonts/thai/rmit>
 PKG-URL: <https://ctan.org/pkg/thai-rmit>
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 URL: <https://mirror.ctan.org/fonts/thai/us1>
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 URL: <https://mirror.ctan.org/info/colour/chroma>
 PKG-URL: <https://ctan.org/pkg/chroma>
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 PKG-URL: <https://ctan.org/pkg/xcolor>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/exercisepoints>
 PKG-URL: <https://ctan.org/pkg/exercisepoints>
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 PKG-URL: <https://ctan.org/pkg/grading-scheme>
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 PKG-URL: <https://ctan.org/pkg/a0poster>
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 URL: <https://mirror.ctan.org/macros/xetex/plain/xetexfontinfo>
 PKG-URL: <https://ctan.org/pkg/xetexfontinfo>

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

Kewley, John. *The acronym209 package. An algorithm package developed for L^AT_EX 2.09*. 2016-06-24. LICENSE: noinfo

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URL: <https://mirror.ctan.org/macros/xetex/latex/bidi>

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

– *The bidi-atbegshi package. Bidi-aware shipout macros*. 2022-02-19. Version 0.2. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/xetex/latex/bidi-atbegshi>

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

– *The bidicontour package. Bidi-aware coloured contour around text*. 2019-09-08. Version 0.2. LICENSE: lppl1.3. The package is a re-implementation of the package, making it bidi-aware, and adding support of the (when the option of the package is used).

URL: <https://mirror.ctan.org/macros/xetex/latex/bidicontour>

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

– *The bidihl package. Experimental bidi-aware text highlighting*. 2019-09-08. Version 0.1c. LICENSE: lppl1.3

URL: <https://mirror.ctan.org/macros/xetex/latex/bidihl>

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

– *The bidipagegrid package. Bidi-aware page grid in background*. 2019-09-08. Version 0.2. LICENSE: lppl1.3. The package is based on .

URL: <https://mirror.ctan.org/macros/xetex/latex/bidipagegrid>

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

– *The bidipresentation package. Experimental bidi presentation*. 2019-09-08. Version 0.3. LICENSE: lppl1.3. A great portion of the code is borrowed from the bundle, with modifications to get things working properly in both right to left and left to right modes.

URL: <https://mirror.ctan.org/macros/xetex/latex/bidipresentation>

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

Khalighi, Vafa and bidi-tex GitHub Organisation. *The bidishadowtext package. Bidi-aware shadow text*. 2019-09-08. Version 0.1. LICENSE: lppl1.3. This package allows you to typeset bidi-aware shadow text. It is a re-implementation of the package adding bidi support.

URL: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>

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

– *The crbox package. Boxes with crossed corners*. 2019-09-08. Version 0.1. LICENSE: lppl. The package implements a command which produces boxes with crossing lines at the corners.

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

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

– *The fahyph package. Hyphenation patterns for Persian (in Unicode)*. 2019-09-08. Version 0.002. LICENSE: lppl

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

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

- *The FriBidiXeTeX package. A pre-processor for XeTeX files to support unicode bidirectional algorithm.* 2020-02-20. Version 0.0.2. LICENSE: gpl2
 URL: <https://mirror.ctan.org/support/fribidixetex>
 PKG-URL: <https://ctan.org/pkg/FriBidiXeTeX>
- *The ftnxtra package. Extend the applicability of the \footnote command.* 2019-09-08. Version 0.1. LICENSE: lppl. The package treats footnotes in , the environment, and and other -like commands.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ftnxtra>
 PKG-URL: <https://ctan.org/pkg/ftnxtra>
- *The ghab package. Typeset ghab boxes in L^AT_EX.* 2019-09-08. Version 0.5. LICENSE: lppl. The package defines a command that will typeset its argument in a box with a decorated frame. The width of the box may be set using an optional argument.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ghab>
 PKG-URL: <https://ctan.org/pkg/ghab>
- *The imspc package. Typeset IMS conference proceedings.* 2019-09-08. Version 0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/xetex/latex/imspc>
 PKG-URL: <https://ctan.org/pkg/imspc>
- *The mpgraphics package. Process and display MetaPost figures inline.* 2019-09-08. Version 0.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/mpgraphics>
 PKG-URL: <https://ctan.org/pkg/mpgraphics>
- *The parisa package. Parisa family of fonts.* 2019-09-08. Version 0.1. LICENSE: gpl3
 URL: <https://mirror.ctan.org/fonts/parisa>
 PKG-URL: <https://ctan.org/pkg/parisa>
- *The parsitex package. A localized Persian and bidirectional extension of TeX.* 2019-09-08. Version 3.10. LICENSE: pd
 URL: <https://mirror.ctan.org/systems/parsitex>
 PKG-URL: <https://ctan.org/pkg/parsitex>
- *The roundbox package. Round boxes in L^AT_EX.* 2019-09-08. Version 0.2. LICENSE: lppl1.3. This package implements a command that can be used, in L^AT_EX, for producing boxes, framed with rounded corners.
 URL: <https://mirror.ctan.org/macros/latex/contrib/roundbox>
 PKG-URL: <https://ctan.org/pkg/roundbox>
- *The showcharinbox package. Show characters inside a box.* 2019-09-08. Version 0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/showcharinbox>
 PKG-URL: <https://ctan.org/pkg/showcharinbox>
- Khalighi, Vafa and bidi-tex GitHub Organisation. *The simurgh package. Typeset Parsi in LuaLaTeX.* 2019-09-08. Version 0.01b. LICENSE: gpl2
 URL: <https://mirror.ctan.org/macros/luatex/latex/simurgh>
 PKG-URL: <https://ctan.org/pkg/simurgh>
- *The tram package. Typeset tram boxes in L^AT_EX.* 2019-09-08. Version 0.2. LICENSE: lppl. Tram boxes are highlighted with patterns of dots; the package defines an environment that typesets its content into a tram box. The pattern used may be selected in an optional argument to the environment.
 URL: <https://mirror.ctan.org/macros/latex/contrib/tram>
 PKG-URL: <https://ctan.org/pkg/tram>
- *The unicode-bidi package. Experimental unicode bidi package for XeTeX.* 2019-09-08. Version 0.01. LICENSE: lppl1.3

- URL: <https://mirror.ctan.org/macros/xetex/latex/unicode-bidi>
 PKG-URL: <https://ctan.org/pkg/unicode-bidi>
- *The xecolor package. Support for color in Xe_ΛTeX.* 2019-09-08. Version 0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/xetex/latex/xecolor>
 PKG-URL: <https://ctan.org/pkg/xecolor>
 - *The xecolour package. Support for colour in Xe_ΛTeX.* 2019-09-08. Version 0.1. LICENSE: lppl. This package is a predecessor of the newer package; but it was decided that it should remain available for the benefit of users wishing to run their old TeX files using .
 URL: <https://mirror.ctan.org/obsolete/macros/xetex/latex/xecolour>
 PKG-URL: <https://ctan.org/pkg/xecolour>
 - *The XePersian package. Persian for L^AT_EX, using XeTeX.* 2022-07-02. Version 24.7. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/xetex/latex/xepersian>
 PKG-URL: <https://ctan.org/pkg/XePersian>
 - *The xindy-persian package. Support for the Persian language in xindy.* 2021-04-30. Version 0.8. LICENSE: lppl1.3. The package offers Persian language support for indexing using .
 URL: <https://mirror.ctan.org/indexing/xindy/contrib/xindy-persian>
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 PKG-URL: <https://ctan.org/pkg/dco>
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 PKG-URL: <https://ctan.org/pkg/softmaker-grenoble>
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 URL: <https://mirror.ctan.org/fonts/softmakerfreefont/helium>
 PKG-URL: <https://ctan.org/pkg/softmaker-helium>
 - *The softmaker-heliumtwo package. LaTeX Support files for the SoftMaker Helium fonts.* 2016-08-23. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/softmakerfreefont/heliumtwo>
 PKG-URL: <https://ctan.org/pkg/softmaker-heliumtwo>

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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/henderson>
PKG-URL: <https://ctan.org/pkg/softmaker-henderson>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/iceberg>
PKG-URL: <https://ctan.org/pkg/softmaker-iceberg>
- *The softmaker-inverserif package. LaTeX Support files for the SoftMaker Inverserif font.* 2016-08-23. Version 1.0. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/softmakerfreefont/inverserif>
PKG-URL: <https://ctan.org/pkg/softmaker-inverserif>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/jugendstil>
PKG-URL: <https://ctan.org/pkg/softmaker-jugendstil>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/marseille>
PKG-URL: <https://ctan.org/pkg/softmaker-marseille>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/moab>
PKG-URL: <https://ctan.org/pkg/softmaker-moab>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/nevada>
PKG-URL: <https://ctan.org/pkg/softmaker-nevada>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/newcastle>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/oldblackletter>
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URL: <https://mirror.ctan.org/fonts/softmakerfreefont/quadrat>
PKG-URL: <https://ctan.org/pkg/softmaker-quadrat>
- *The softmaker-stonehand package. LaTeX Support files for the SoftMaker Stone Handwriting font.* 2016-08-23. Version 1.3. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/softmakerfreefont/stonehand>
PKG-URL: <https://ctan.org/pkg/softmaker-stonehand>
- *The softmaker-sunset package. LaTeX Support files for the SoftMaker Sunset fonts.* 2016-08-23. Version 1.2. LICENSE: lppl

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 PKG-URL: <https://ctan.org/pkg/softmaker-sunset>
- *The softmaker-tampa package. LaTeX Support files for the SoftMaker Congress fonts.* 2016-08-23. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/softmakerfreefont/tampa>
 PKG-URL: <https://ctan.org/pkg/softmaker-tampa>
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 URL: <https://mirror.ctan.org/fonts/softmakerfreefont/vagrounded>
 PKG-URL: <https://ctan.org/pkg/softmaker-vagrounded>
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 URL: <https://mirror.ctan.org/fonts/softmakerfreefont/velo>
 PKG-URL: <https://ctan.org/pkg/softmaker-velo>
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 PKG-URL: <https://ctan.org/pkg/rest-api>
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 URL: <https://mirror.ctan.org/language/hyphenation/iahhyphen.tex>
 PKG-URL: <https://ctan.org/pkg/iahhyphen>
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 URL: <https://mirror.ctan.org/support/pssplit>
 PKG-URL: <https://ctan.org/pkg/pssplit>
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 URL: <https://mirror.ctan.org/support/utf2any>
 PKG-URL: <https://ctan.org/pkg/utf2any>
 - *The wsuipa2tipa package. Translate wsuipa font commands into tipa font commands.* 2016-06-24. LICENSE: gpl. Old fonts don’t compile well on newer TeX distributions, and may be unavailable on your local installation. The fonts are superseded by the newer fonts. The program wsu2tipa works as a filter that translates an old L^AT_EX document, replacing all wsuipa font commands with tipa font commands.

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 PKG-URL: <https://ctan.org/pkg/wsuiapa2tipa>

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 URL: <https://mirror.ctan.org/language/hyphenation/nohyph>
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 URL: <https://mirror.ctan.org/info/examples/lft>
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— *The ifsym package. A collection of symbols*. 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/ifsym>
 PKG-URL: <https://ctan.org/pkg/ifsym>

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

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- Knaggs, Peter J. *The chapref package. Bibliography details per chapter*. 2016-06-24. LICENSE: noinfo. The package provides for a separate bibliography section in each chapter. (It is assumed that each chapter is in its own d file.)
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/chapref.sty>
 PKG-URL: <https://ctan.org/pkg/chapref>
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 PKG-URL: <https://ctan.org/pkg/bashkirian>
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 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>
 - *The holtpolt package. Typeset Maxwell's non-commutative division*. 2016-06-24. LICENSE: gpl
 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>
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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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/latin2jk.def>
 PKG-URL: <https://ctan.org/pkg/latin2jk>
- *The latin3jk package. Inputenc encoding for verbatim ISO 8859-3 use*. 2018-01-06. Version 1.3. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/latin3jk.def>
 PKG-URL: <https://ctan.org/pkg/latin3jk>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
 PKG-URL: <https://ctan.org/pkg/mathrsfs>
- *The ntsfaq package. Frequently answered questions about TeX extension.* 2016-06-24. Version 5. LICENSE: noinfo
 URL: <https://mirror.ctan.org/info/NTS-FAQ>
 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^AT_EX macro.
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/parboxx.sty>
 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>
- *The semtrans package. Transliteration of semitic languages.* 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/semtrans.sty>
 PKG-URL: <https://ctan.org/pkg/semtrans>
- *The sgmlcmpt package. Support for L^AT_EX 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^AT_EX formulae as SGML PCDATA.
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
 PKG-URL: <https://ctan.org/pkg/sgmlcmpt>
- *The smartmn package. Make hyphens print as minus signs where appropriate.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/smartmn.sty>
 PKG-URL: <https://ctan.org/pkg/smartmn>
- *The tccomp package. Provide compatibility names for textcomp.sty.* 2016-06-24. Version 1.2. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jknappen/tccomp.sty>
 PKG-URL: <https://ctan.org/pkg/tccomp>
- *The vmmps package. Metrics for using Type 1 fonts available in VMS.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex/contrib/psnfss-addons/vmmps>
 PKG-URL: <https://ctan.org/pkg/vmmps>
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 PKG-URL: <https://ctan.org/pkg/inhyph>
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 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/babel-contrib/bahasa>
 PKG-URL: <https://ctan.org/pkg/babel-bahasa>
- Knappen, Jörg, Terry Mart, Johannes L. Braams, and Javier Bezos López. *The babel-indonesian package. Support for Indonesian within babel.* 2018-01-13. Version 1.0m. LICENSE: lppl1.3
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 PKG-URL: <https://ctan.org/pkg/babel-indonesian>

- *The babel-malay package. Support for Malay within babel.* 2018-01-13. Version 1.0m. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/malay>
 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>
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 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/side.sty>
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 URL: <https://mirror.ctan.org/macros/plain/base>
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 URL: <https://mirror.ctan.org/fonts/cm>
 PKG-URL: <https://ctan.org/pkg/cm>
- *The cm-mf package. Sources of the Computer Modern fonts.* 2021-02-09. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/cm/mf>
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- *The cm-pk package. PK bitmaps of the Computer Modern fonts.* 2016-06-24. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/cm/pk>
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- Knuth, Donald E. *The cm-tfm package. Metric files for the Computer Modern fonts.* 2016-06-24. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/cm/tfm>
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- *The cmtest package. CM fonts test sources.* 2016-06-24. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/cm/cmtest>
 PKG-URL: <https://ctan.org/pkg/cmtest>
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 URL: <https://mirror.ctan.org/fonts/concrete>
 PKG-URL: <https://ctan.org/pkg/concrete>

- *The dvitype package*. *Type out the content of a DVI file*. 2016-06-24. Version 3.6. LICENSE: pd
 URL: <https://mirror.ctan.org/systems/knuth/dist/texware/dvitype.web>
 PKG-URL: <https://ctan.org/pkg/dvitype>
- *The gen package*. *Genealogy symbols*. 2016-06-24. LICENSE: knuth. A (Metafont) font developed for Jill Knuth’s genealogy project. Available in three optical sizes: files ,
 URL: <https://mirror.ctan.org/systems/knuth/local/cm>
 PKG-URL: <https://ctan.org/pkg/gen>
- *The gkpmac package*. *The macros used in “Concrete Mathematics”*. 2016-11-06. LICENSE: knuth
 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>
- *The knuth-dist package*. *The current state of Knuth’s contributions*. 2021-02-10. LICENSE: knuth,pd
 URL: <https://mirror.ctan.org/systems/knuth/dist>
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- *The knuth-errata package*. *Knuth’s published errata*. 2021-04-03. LICENSE: knuth
 URL: <https://mirror.ctan.org/systems/knuth/dist/errata>
 PKG-URL: <https://ctan.org/pkg/knuth-errata>
- Knuth, Donald E. *The knuth-letter package*. *Knuth’s example letter macros*. 2021-03-09. LICENSE: knuth. These are Knuth’s own letter macros. Documentation is entirely missing from the archive, but the macros are discussed in some detail in the TeXbook (which says it is describing) .
 URL: <https://mirror.ctan.org/systems/knuth/local/lib/letterformat.tex>
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- *The knuth-lib package*. *Core TeX and Metafont sources from Knuth*. 2021-02-27. LICENSE: knuth
 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>
 PKG-URL: <https://ctan.org/pkg/knuth-local>

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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/list.tex>
 PKG-URL: <https://ctan.org/pkg/list>
- *The llist package*. List ASCII text files in landscape. 2016-06-24. LICENSE: knuth
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/llist.tex>
 PKG-URL: <https://ctan.org/pkg/llist>
- *The Metafont package*. A system for specifying fonts. 2022-02-01. Version 2.71828182. LICENSE: knuth
 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.
 URL: <https://mirror.ctan.org/macros/plain/base/testfont.tex>
 PKG-URL: <https://ctan.org/pkg/testfont>
- Knuth, Donald E. *The TeX package*. A sophisticated typesetting engine. 2022-02-01. Version 3.141592653. LICENSE: knuth
 URL: <https://mirror.ctan.org/systems/knuth/dist/tex>
 PKG-URL: <https://ctan.org/pkg/TeX>
- *The texbook package*. The source of *The TeXbook*. 2021-02-09. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/systems/knuth/dist/tex/texbook.tex>
 PKG-URL: <https://ctan.org/pkg/texbook>
- *The texware package*. Utility programs for use with TeX. 2021-08-26. LICENSE: pd
 URL: <https://mirror.ctan.org/systems/knuth/dist/texware>
 PKG-URL: <https://ctan.org/pkg/texware>
- *The twocolumns package*. Knuth's two-column output macros. 2016-06-24. LICENSE: knuth
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/2columns.mac>
 PKG-URL: <https://ctan.org/pkg/twocolumns>

- *The vf-knuth package. Knuth on virtual fonts.* 2021-08-26. LICENSE: knuth
 URL: <https://mirror.ctan.org/info/knuth/virtual-fonts>
 PKG-URL: <https://ctan.org/pkg/vf-knuth>
- *The vfware package. Tools for virtual font metrics.* 2021-08-26. LICENSE: knuth
 URL: <https://mirror.ctan.org/systems/knuth/dist/etc>
 PKG-URL: <https://ctan.org/pkg/vfware>
- *The weave package. Generate TeX source from web.* 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth’s that produces TeX input from the web representation of a program, ready for typesetting.
 URL: <https://mirror.ctan.org/systems/knuth/dist/web/weave.web>
 PKG-URL: <https://ctan.org/pkg/weave>
- *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.
 URL: <https://mirror.ctan.org/systems/knuth/dist/web>
 PKG-URL: <https://ctan.org/pkg/web>
- Knuth, Donald E. and Rohit Grover. *The punk package. Donald Knuth’s punk font.* 2021-08-26. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/punk>
 PKG-URL: <https://ctan.org/pkg/punk>
- Knuth, Donald E. and Taco Hoekwater. *The manual package. Knuth’s ”manual” fonts.* 2016-11-05. LICENSE: knuth. Metafont (by Donald Knuth) and Adobe Type 1 (by Taco Hoekwater) versions of the font containing the odd symbols Knuth uses in his books. L^AT_EX support is available using the package
 URL: <https://mirror.ctan.org/fonts/manual>
 PKG-URL: <https://ctan.org/pkg/manual>
- *The mflogo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/mflogo>
 PKG-URL: <https://ctan.org/pkg/mflogo-font>
- Knuth, Donald E., Leslie Lamport, Pierre A. MacKay, Richard Schwartz, and Michael Melliar-Smith. *The latex-fonts package. A collection of fonts used in L^AT_EX distributions.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/latex>
 PKG-URL: <https://ctan.org/pkg/latex-fonts>
- Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for use with Metafont.* 2021-08-26. LICENSE: pd. A collection of programs (as web source) for processing the output of .
 URL: <https://mirror.ctan.org/systems/knuth/dist/mfware>
 PKG-URL: <https://ctan.org/pkg/mfware>
- Knuth, Donald E., Andreas Scherer, and Silvio Levy. *The cweb package. A Web system in C.* 2022-06-06. Version 4.8. LICENSE: knuth
 URL: https://mirror.ctan.org/web/c_cpp/cweb
 PKG-URL: <https://ctan.org/pkg/cweb>
- Knuutila, Timo. *The tpcmfont package. Computer modern fonts in ”true point sizes”.* 2016-06-24. Version 1.1. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>
 PKG-URL: <https://ctan.org/pkg/tpcmfont>

- Koch, Dick. *The texshop package. TeX front end for use on MacOS X*. 2018-01-10. Version 3.96. LICENSE: gpl. TeXShop is a TeX previewer for Mac OS X, written in Cocoa. TeXShop uses and in its default configuration, to conform with Mac OS X's predilection for PDF.
 URL: <https://mirror.ctan.org/support/texshop>
 PKG-URL: <https://ctan.org/pkg/texshop>
- Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips*. 2019-05-01. Version 1.1. LICENSE: gpl3+. This L^AT_EX package uses and to surround citations with PDF tooltips.
 URL: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
 PKG-URL: <https://ctan.org/pkg/xcpdftips>
- Kockaert, Pascal. *The psfragx package. A psfrag eXtension*. 2016-06-24. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/psfragx>
 PKG-URL: <https://ctan.org/pkg/psfragx>
- Koellner, Armin. *The VSliTeX package. Virtual invisible fonts for use with L^AT_EX Slides class*. 2016-06-24. Version 0.4. LICENSE: noinfo. The L^AT_EX 2.09-based program SliTeX, and the corresponding L^AT_EX 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>
 PKG-URL: <https://ctan.org/pkg/VSliTeX>
- Kohler, Eddie. *The LCDf-typetools package. A bundle of outline font manipulation tools*. 2020-02-20. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
 PKG-URL: <https://ctan.org/pkg/LCDF-typetools>
- *The mmafm package. Font metrics for multiple-master font*. 2017-04-18. LICENSE: gpl
 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>
 PKG-URL: <https://ctan.org/pkg/mmpfb>
- Kohler, Eddie. *The mmttools package. Multiple master fonts tools*. 2017-04-18. Version 1.13. LICENSE: gpl
 URL: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>
 PKG-URL: <https://ctan.org/pkg/mmttools>
- Köhler, Andreas. *The Mid2TeX/Free package. Convert MIDI to MusicTeX input*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/support/mid2tex>
 PKG-URL: <https://ctan.org/pkg/Mid2TeX/Free>
- Kohlhase, Michael. *The dfgproposal package. Support for writing proposals to the DFG*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/proposal>
 PKG-URL: <https://ctan.org/pkg/dfgproposal>
- *The ed package. Editorial Notes for L^AT_EX documents*. 2017-04-18. Version 1.8. LICENSE: lppl1
 URL: <https://mirror.ctan.org/macros/latex/contrib/ed>
 PKG-URL: <https://ctan.org/pkg/ed>

- *The errata package*. Error markup for L^AT_EX 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>
- *The euproposal package*. A class for preparing FP7 proposals. 2016-06-24. Version 0.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/proposal>
 PKG-URL: <https://ctan.org/pkg/euproposal>
- *The proposal package*. A set of L^AT_EX classes for preparing proposals for collaborative projects. 2017-04-18.
 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^AT_EX 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^AT_EX. 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>
- Kohm, Markus. *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
 URL: <https://mirror.ctan.org/info/examples/KOMA-Script-4>
 PKG-URL: <https://ctan.org/pkg/koma-script-examples-4>
- *The koma-script-examples-5 package*. Examples from the 5th edition of the KOMA-Script book. 2022-07-04. LICENSE: lppl
 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: lppl1.3c
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: lppl1.3
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: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/makelabels>
PKG-URL: <https://ctan.org/pkg/makelabels>
- *The marginnote package. Notes in the margin, even where \marginpar fails.* 2018-08-09. Version 1.4b. LICENSE: lppl1.3c. 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: lppl1.3. 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: lppl1.3. In “Die TeXnische Komödie” (issue 1/2013) Christian Justen described his use of L^AT_EX 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^AT_EX3 commands for typesetting rules.* 2021-06-18. Version 23. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/gs1>
PKG-URL: <https://ctan.org/pkg/rule-d>
- Kohm, Markus. *The scraddr package. Provide data from scrlltr2’s address files.* 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.
URL: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
PKG-URL: <https://ctan.org/pkg/scraddr>
- *The scrartcl package. Koma-Script ‘article’ 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/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>
- *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>
- Kohm, Markus. *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 scrletter2 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/scrletter2>
- *The scrpage2 package. Control of page headers and footers in L^AT_EX.* 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^AT_EX 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^AT_EX .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^AT_EX , table of contents, and other miscellaneous output via the L^AT_EX 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>
 - *The splitindex package. Unlimited number of indexes.* 2020-03-09. Version 1.2c. LICENSE: lppl. SplitIndex consists of a L^AT_EX 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>
 PKG-URL: <https://ctan.org/pkg/gb4e>
- 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>
- Kołodziejska, Hanna. *The go package*. Fonts and macros for typesetting go games. 2016-06-24. LICENSE: pd
 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
 URL: <https://mirror.ctan.org/language/polish/plhyph.tex>
 PKG-URL: <https://ctan.org/pkg/plhyph>
- Kolorenc, Jindrich. *The simplewick package*. Simple Wick contractions. 2016-06-24. Version 1.2a. LICENSE: gpl
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 PKG-URL: <https://ctan.org/pkg/biblatex-lni>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/luabibentry>
 PKG-URL: <https://ctan.org/pkg/luabibentry>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/plantuml>
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 PKG-URL: <https://ctan.org/pkg/ama>
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 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>
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 PKG-URL: <https://ctan.org/pkg/babel-russian>
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 PKG-URL: <https://ctan.org/pkg/dottex>
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 PKG-URL: <https://ctan.org/pkg/gnuplottex>
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 PKG-URL: <https://ctan.org/pkg/luaaddplot>
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 URL: <https://mirror.ctan.org/fonts/vntex-nonfree>
 PKG-URL: <https://ctan.org/pkg/vntex-nonfree>
 - *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
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 PKG-URL: <https://ctan.org/pkg/win32-emacs-auctex>
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 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/utils/Synapsen>
 PKG-URL: <https://ctan.org/pkg/Synapsen>
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 URL: <https://mirror.ctan.org/macros/generic/cptex>
 PKG-URL: <https://ctan.org/pkg/cptex>
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 URL: <https://mirror.ctan.org/fonts/vicentino>
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URL: <https://mirror.ctan.org/graphics/pgf/contrib/chordbars>
PKG-URL: <https://ctan.org/pkg/chordbars>
- Krause, Dirk. *The bmeps package. Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS*. 2020-10-11. LICENSE: other-free. This package has been superseded by , but is still distributed as part of the bundle, which is however no longer hosted on CTAN.
- PKG-URL: <https://ctan.org/pkg/bmeps>
- *The bmp package. Convert bitmap files to PS/EPS/PDF*. 2020-10-11. LICENSE: bsd
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- *The dktools package. Tools and libraries by Dirk Krause*. 2020-10-11. LICENSE: bsd3
- PKG-URL: <https://ctan.org/pkg/dktools>
- *The fig2lat package. Convert .fig files to vector graphics*. 2020-10-11. LICENSE: bsd
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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>
- *The png2pdf package. PNG to PDF converter*. 2020-10-11. LICENSE: bsd
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URL: <https://mirror.ctan.org/biblio/bibtex/utils/ebib>
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URL: <https://mirror.ctan.org/macros/latex/contrib/leiletter>
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- Fortran, Ratfor, and TeX.
 URL: <https://mirror.ctan.org/web/fweb>
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- Kroonenberg, Siep. *The epspdf package. Converter for PostScript, EPS and PDF*. 2020-01-12. Version 0.6.5. 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>
- *The epspdf-extra package. Platform-specific extras for epspdf*. 2016-06-24. Version 0.6.0. LICENSE: gpl. The bundle provides support for on Windows platforms.
 URL: <https://mirror.ctan.org/obsolete/support/epspdf-extra>
 PKG-URL: <https://ctan.org/pkg/epspdf-extra>
 - *The epspdf-setup package. epspdf with GUI installer*. 2020-08-29. Version 0.6.5. LICENSE: other-free. epspdf-setup is a Windows installer for and . It replaces the epspdf from the plain package with a version which runs out of the box on Windows, as long as there is a TeX installation. On other platforms, the plain epspdf package should suffice.
 URL: <https://mirror.ctan.org/support/epspdf-setup>
 PKG-URL: <https://ctan.org/pkg/epspdf-setup>
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 URL: <https://mirror.ctan.org/info/latexcourse-rug>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/aligned-overset>
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- *The fontawesome5 package. Font Awesome 5 with L^AT_EX support*. 2022-05-02. Version 5.15.4. LICENSE: ofl,l^atp_l1.3c. This package provides L^AT_EX 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 Xe_{La}TeX or LuaLaTeX is used.
 URL: <https://mirror.ctan.org/fonts/fontawesome5>
 PKG-URL: <https://ctan.org/pkg/fontawesome5>
- *The hyperbar package. Add interactive Barcode fields to PDF forms.* 2018-07-07. Version 0.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/hyperbar>
 PKG-URL: <https://ctan.org/pkg/hyperbar>
 - *The inputnormalization package. Wrapper for XeTeX's and LuaTeX's input normalization.* 2021-07-07. Version 0.2. LICENSE: lpl1.3. This package provides a cross engine interface to normalizing input before it's read by TeX. It is based on XeTeX's primitive and for LuaTeX.
 URL: <https://mirror.ctan.org/macros/unicodetex/generic/inputnormalization>
 PKG-URL: <https://ctan.org/pkg/inputnormalization>
 - *The intopdf package. Embed non-PDF files into PDF with hyperlink.* 2022-07-26. Version 0.4.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/intopdf>
 PKG-URL: <https://ctan.org/pkg/intopdf>
 - *The lua-uni-algos package. Unicode algorithms for LuaTeX.* 2022-02-26. Version 0.4.1. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/luatex/generic/lua-uni-algos>
 PKG-URL: <https://ctan.org/pkg/lua-uni-algos>
 - *The luamathalign package. More flexible alignment in amsmath environments.* 2022-05-04. Version 0.3. LICENSE: lpl1.3c. Allow aligning mathematical expressions on points where where directly using is not possible, especially in nested macros or environments.
 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>
 - *The LuauL package. Underlining for LuaLaTeX.* 2022-06-01. Version 0.2.0. LICENSE: lpl1.3c
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/autotab>
 PKG-URL: <https://ctan.org/pkg/autotab>
- Kryukov, Alexey. *The antomega package. Alternative language support for Omega/Lambda.* 2016-06-24. Version 0.8. LICENSE: lpl1. A language support package for /Lambda. This replaces the original package for use with Lambda, and provides extra facilities (including -like language switching, which eases porting of L^AT_EX documents to Lambda).
 URL: <https://mirror.ctan.org/obsolete/systems/omega/contrib/antomega>
 PKG-URL: <https://ctan.org/pkg/antomega>

- *The cm-lgc package. Type 1 CM-based fonts for Latin, Greek and Cyrillic.* 2016-06-24. Version 0.5. LICENSE: gpl
 URL: <https://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
 URL: <https://mirror.ctan.org/fonts/greek/psgreek>
 PKG-URL: <https://ctan.org/pkg/psgreek>
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 URL: <https://mirror.ctan.org/fonts/oldstandard>
 PKG-URL: <https://ctan.org/pkg/oldstandard>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/texments>
 PKG-URL: <https://ctan.org/pkg/texments>
- Kuhlmann, Marco. *The fmp package. Include Functional MetaPost in L^AT_EX.* 2016-06-18. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/fmp>
 PKG-URL: <https://ctan.org/pkg/fmp>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/highlightlatex>
 PKG-URL: <https://ctan.org/pkg/highlightlatex>
- Kuhlmann, Volker. *The dvipsconfig package. Collection of dvips PostScript headers.* 2016-06-24. Version 1.6. LICENSE: gpl
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/ieeepes>
 PKG-URL: <https://ctan.org/pkg/ieeepes>
- *The lhelp package. Miscellaneous helper packages.* 2016-06-24. Version 2.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/lhelp>
 PKG-URL: <https://ctan.org/pkg/lhelp>
- *The listbib package. Lists contents of BibTeX files.* 2016-06-24. Version 2.2. LICENSE: gpl. Generates listings of bibliographic data bases in format — for example for archival purposes. Included is a listbib.bst which is better suited for this purpose than the standard styles.

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 PKG-URL: <https://ctan.org/pkg/listbib>
- *The makefonts package*. Shell scripts to generate bitmaps from Metafont sources. 2016-06-24. Version 2.0. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/utilities/makefonts>
 PKG-URL: <https://ctan.org/pkg/makefonts>
 - *The photo package*. A float environment for photographs. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/photo>
 PKG-URL: <https://ctan.org/pkg/photo>
 - *The savefnmark package*. Save name of the footnote mark for reuse. 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/savefnmark>
 PKG-URL: <https://ctan.org/pkg/savefnmark>
 - *The vmargin package*. Set various page dimensions. 2018-01-06. Version 2.5. LICENSE: lppl. Provides a macro to set various margins as well as dimensions for header/footer and page dimensions. Most common paper sizes, paper orientation, disabling of headers and footers, and two sided printing are supported. The vmargin package does not rely on other packages and was designed with speed and size in mind. Its user interface might not be very fancy, but it's fast, small, and gets the job done. If you are looking for something more elaborate try the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/vmargin>
 PKG-URL: <https://ctan.org/pkg/vmargin>
 - *The vpage package*. Set page sizes. 2016-06-24. LICENSE: lppl. Set page sizes for many different pages. This package is now superseded by .
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/vpage.sty>
 PKG-URL: <https://ctan.org/pkg/vpage>
- Kuhlmann, Volker and Matthew Hebley. *The listing package*. Produce formatted program listings. 2018-01-06. Version 1.2. LICENSE: lppl. The listing environment is provided and is similar to figure and table, although it is not a floating environment. Includes support for , , and introduces , , . It produces a file. It does not change (unless the option is used), so packages that change the layout of still work.
 URL: <https://mirror.ctan.org/macros/latex/contrib/listing>
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- Kuhn, Jonathan. *The interactiveworkbook package*. LaTeX-based interactive PDF on the Web. 2016-06-24. LICENSE: lppl
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 PKG-URL: <https://ctan.org/pkg/shdoc>
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 PKG-URL: <https://ctan.org/pkg/syntex-parser>
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 PKG-URL: <https://ctan.org/pkg/tikz-karnaugh>
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 PKG-URL: <https://ctan.org/pkg/tikz-relay>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/vdmlisting>
 PKG-URL: <https://ctan.org/pkg/vdmlisting>
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 PKG-URL: <https://ctan.org/pkg/circ>
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 PKG-URL: <https://ctan.org/pkg/vgrid>
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 PKG-URL: <https://ctan.org/pkg/isi2bibtex>
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 PKG-URL: <https://ctan.org/pkg/kotex-utf>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/wrapstuff>
 PKG-URL: <https://ctan.org/pkg/wrapstuff>
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 PKG-URL: <https://ctan.org/pkg/xpinyin>
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 URL: <https://mirror.ctan.org/language/chinese/ctex>
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 PKG-URL: <https://ctan.org/pkg/xecjk>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/arraysort>
 PKG-URL: <https://ctan.org/pkg/arraysort>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/gamebooklib>
 PKG-URL: <https://ctan.org/pkg/Gamebooklib>
- *The macroswap package. Swap the definitions of two L^AT_EX macros*. 2016-06-24. Version 1.1. LICENSE: lpl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/macroswap>
 PKG-URL: <https://ctan.org/pkg/macroswap>
- *The rjlparschap package. Support for use of \parschap in L^AT_EX*. 2016-06-24. Version 1.0. LICENSE: lpl1.2. The package provides macros and environments that relieve the programmer of some of the difficulties

- of using in L^AT_EX macros. It does actually calculate shapes in the way that the package does.
 URL: <https://mirror.ctan.org/macros/latex/contrib/rjlparschap>
 PKG-URL: <https://ctan.org/pkg/rjlparschap>
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 URL: <https://mirror.ctan.org/biblio/citation-style-language>
 PKG-URL: <https://ctan.org/pkg/citation-style-language>
- *The gbt7714 package. BibTeX implementation of China’s bibliography style standard GB/T 7714-2015*. 2022-10-03. Version 2.1.5. LICENSE: lppl1.3c. The package provides a BibTeX implementation for the Chinese national bibliography style standard GB/T 7714-2015. It consists of two files for numerical and author-year styles as well as a L^AT_EX package which provides the citation style defined in the standard. The package is compatible with and supports language detection (Chinese and English) for each bibliography entry.
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 PKG-URL: <https://ctan.org/pkg/ibmres-tex>
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 PKG-URL: <https://ctan.org/pkg/cwebx>
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 URL: <https://mirror.ctan.org/graphics/tiff>
 PKG-URL: <https://ctan.org/pkg/tiff>
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 URL: <https://mirror.ctan.org/info/Type1fonts/fontinstallationguide>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/logreq>
 PKG-URL: <https://ctan.org/pkg/logreq>
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 PKG-URL: <https://ctan.org/pkg/ltxdockit>

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 PKG-URL: <https://ctan.org/pkg/tt2tex>
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 PKG-URL: <https://ctan.org/pkg/BibLaTeX>
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 PKG-URL: <https://ctan.org/pkg/csquotes>
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 PKG-URL: <https://ctan.org/pkg/tpslfonts>
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 PKG-URL: <https://ctan.org/pkg/acm>
- *The bsf package. Access bold computer modern sans in L^AT_EX 2.09.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/bsf.sty>
 PKG-URL: <https://ctan.org/pkg/bsf>
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 PKG-URL: <https://ctan.org/pkg/seceqn>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/options>
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- Leineweber, Thomas and Jean-Pierre Druchbert. *The method package. Typeset method and variable declarations*. 2016-06-24. Version 2.0b. LICENSE: lppl
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 URL: <https://mirror.ctan.org/macros/latex/contrib/compactbib>
 PKG-URL: <https://ctan.org/pkg/compactbib>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/constants>
 PKG-URL: <https://ctan.org/pkg/constants>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/currency>
 PKG-URL: <https://ctan.org/pkg/currency>
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 PKG-URL: <https://ctan.org/pkg/shuffle>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/quiz2socrative>
 PKG-URL: <https://ctan.org/pkg/quiz2socrative>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/amsaddr>
 PKG-URL: <https://ctan.org/pkg/amsaddr>
- *The appendixnumberbeamer package. Manage frame numbering in appendixes in beamer*. 2018-01-15. Version 1.2. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/appendixnumberbeamer>
 PKG-URL: <https://ctan.org/pkg/appendixnumberbeamer>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemeJLTree.sty>
 PKG-URL: <https://ctan.org/pkg/beamerthemeJLTree>
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 URL: <https://mirror.ctan.org/support/chklref>
 PKG-URL: <https://ctan.org/pkg/chklref>
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 URL: <https://mirror.ctan.org/fonts/arphic>
 PKG-URL: <https://ctan.org/pkg/arphic>
- *The c2cweb package. C language prettyprinter.* 2016-06-24. Version 1.5. LICENSE: other-free. A utility to prettyprint C and C++ source files using .
 URL: https://mirror.ctan.org/web/c_cpp/c2cweb
 PKG-URL: <https://ctan.org/pkg/c2cweb>
- *The cjk package. CJK language support.* 2021-10-18. Version 4.8.5. LICENSE: gpl2
 URL: <https://mirror.ctan.org/language/chinese/CJK>
 PKG-URL: <https://ctan.org/pkg/cjk>
- *The cjk-fonts package. Chinese/Japanese/Korean bitmap fonts.* 2017-11-27. Version 4.2.0. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/CJK>
 PKG-URL: <https://ctan.org/pkg/cjk-fonts>
- *The czhyph2e package. Convert Czech hyphenation patterns to standard encoding.* 2016-06-24. LICENSE: lppl. This Perl script converts the as distributed on CTAN from its PC encoding into a form using T1 font encoding.
 URL: <https://mirror.ctan.org/language/czech/czhyph2e.pl>
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 PKG-URL: <https://ctan.org/pkg/enumitem>
- *The epsfview package. Mac AppleScript tool for viewing figures generated with MetaPost*. 2016-06-18. LICENSE: pd
 URL: <https://mirror.ctan.org/systems/mac/epsfview.sea.hqx>
 PKG-URL: <https://ctan.org/pkg/epsfview>
 - *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>
- *The fixpdfmag package. Fix magnification in pdfTeX.* 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from to , thus evading the effects of .
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdfmag.tex>
 PKG-URL: <https://ctan.org/pkg/fixpdfmag>
 - *The gindex package. Formatting indexes.* 2019-10-07. Version 0.2. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/gindex>
 PKG-URL: <https://ctan.org/pkg/gindex>
 - *The guarani package. Guarani support.* 2016-06-24. LICENSE: lppl. This is an (unfinished) package for support of Guarani, which is the main language spoken in Paraguay. The bundle provides support for writing in Guarani, together with an definition file for a windows Guarani code page.
 URL: <https://mirror.ctan.org/language/guarani>
 PKG-URL: <https://ctan.org/pkg/guarani>
 - *The luahyphenrules package. Loading patterns in LuaLaTeX with language.dat.* 2020-08-28. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/luatex/latex/luahyphenrules>
 PKG-URL: <https://ctan.org/pkg/luahyphenrules>
 - *The mem package. A multilingual system for Lamed.* 2017-04-18. Version 0.0004. LICENSE: lppl. This package consists of experimental code for a multilingual system for Lamed (i.e., L^AT_EX running over). This distribution has pre-alpha status, and is offered for experimentation and to attract contributions.
 URL: <https://mirror.ctan.org/macros/latex/exptl/mem>
 PKG-URL: <https://ctan.org/pkg/mem>
 - *The soulpos package. A fancy means of underlining.* 2021-10-15. Version 1.2. LICENSE: mit. The package combines the use of with the mechanism of current pdfTeX so that the user can create (almost) arbitrary underlining and similar “decorations”, including rules, leaders and even pictures (, , etc.). Unlike underlines, which are built by repeating small elements, here each chunk of text to be underlined is a single element.
 URL: <https://mirror.ctan.org/macros/latex/contrib/soulpos>
 PKG-URL: <https://ctan.org/pkg/soulpos>
 - *The subdocs package. Multifile documents.* 2019-07-06. Version 0.1. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/subdocs>
 PKG-URL: <https://ctan.org/pkg/subdocs>
- López, Javier Bezos. *The tensind package. Typeset tensors.* 2019-07-06. Version 1.1. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/tensind>
 PKG-URL: <https://ctan.org/pkg/tensind>
- *The texemplar package. A class for the journal of CervanTeX.* 2016-06-24. Version 0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/TeXemplar>
 PKG-URL: <https://ctan.org/pkg/texemplar>
 - *The tipos package. Description of fonts for TeX, in Spanish.* 2016-06-24. LICENSE: nosource. The document tipos.pdf describes (in Spanish) the large amount of types of files for fonts (‘tipo’ means ‘font’ in Spanish). Tipos.pdf has been by Thomas Ruedas.
 PKG-URL: <https://ctan.org/pkg/tipos>

- *The titleps package. Page style control.* 2019-10-16. Version 2.13. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
 PKG-URL: <https://ctan.org/pkg/titleps>
- *The titlesec package. Select alternative section titles.* 2021-07-05. Version 2.14. LICENSE: mit
 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^AT_EX, LuaL^ATeX, X_YL^AT_EX, 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>
- *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>
- López, Javier Bezos and Johannes L. Braams. *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>
- *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^AT_EX 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 fonteinf package. An introduction to font usage in L^AT_EX (German)*. 2016-06-24. LICENSE: nosource. A German translation of a on how to use fonts in L^AT_EX.
 URL: <https://mirror.ctan.org/info/german/fonteinf.pdf>
 PKG-URL: <https://ctan.org/pkg/fonteinf>
- 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: lpl
 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: lpl1.3
 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^AT_EX 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>
- Loreti, Maurizio. *The lucold package. Use old-style digits with Lucida fonts*. 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used to automatically build , , and files from the existing Lucida PSNFSS distribution, and that may easily be changed for the generation of different virtual files for whatever font.
 URL: <https://mirror.ctan.org/macros/latex/contrib/lucold>
 PKG-URL: <https://ctan.org/pkg/lucold>
- *The recipe package. A L^AT_EX 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^AT_EX 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^AT_EX’s minipages.* 2016-06-24. Version 0.3.1. LICENSE: lpl
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^AT_EX.* 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: lpl1.3c
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: lpl1.3
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^AT_EX*. 2016-06-24. LICENSE: nocommercial
 URL: https://mirror.ctan.org/systems/win32/LaTeX_WIDE
 PKG-URL: <https://ctan.org/pkg/LaTeX-WIDE>
- *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>
- *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>
- Lück, Uwe. *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 fi finddo package. Filtering files using TeX*. 2017-05-06. Version 0.61. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/fi finddo.sty>
 PKG-URL: <https://ctan.org/pkg/fi finddo>
 - *The fi finddo-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^AT_EX 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^AT_EX 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^AT_EX 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>
 - *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^AT_EX 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>
 - Lück, Uwe. *The longnamefilelist package. Tidy \listfiles with long file names.* 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L^AT_EX’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^AT_EX 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^AT_EX.* 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>
 - *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^AT_EX 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 PiCTeX.* 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^AT_EX and functionality, and handling of arbitrary (multiple) “private letters” (analogous L^AT_EX 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>
- Lück, Uwe. *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^AT_EX floats.* 2017-05-06. Version 0.42. LICENSE: lppl1.3. L^AT_EX’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^AT_EX 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 schwel1 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/schwel1>
- *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^AT_EX .fd file, and full macro support for use with L^AT_EX 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 `\dot` and `\ddot`, and defines `\DOTS`. The dots produced by `\slant` in the opposite direction to `\dot`. All the commands are designed to change size appropriately in scripts, as well as in response to L^AT_EX 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>
- *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^AT_EX 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^AT_EX contents in memory or files.* 2022-04-04. Version 2.0. LICENSE: lppl1.3c. This package stores valid L^AT_EX 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 at the , Germany. The class is based on Markus Kohm's classes and provides several additions and customizations to these classes. While the class provides some basic settings, mostly regrading the type area, fonts, and the title page, it still provides large degrees of freedom to its users. However, the package's documentation also provides recommendations regarding several aspects, for example, recommending for bibliographies.
 URL: <https://mirror.ctan.org/macros/latex/contrib/se2thesis>
 PKG-URL: <https://ctan.org/pkg/se2thesis>
- Lulli, Paolo. *The texpack package. Create documented L^AT_EX classes, packages and docs in a Unix environment.* 2016-06-24. LICENSE: gpl. Texpack is a little bundle of scripts to create documented L^AT_EX 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 () and new classes (). Texpack also provides a command to automate the creation of commonly needed L^AT_EX 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^AT_EX 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. *Thepst-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>
- *Thepst-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>
 - *Thepst-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>
 - *Thepst-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>
 - *Thepst-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>
 - *Thepst-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>
- Luque, Manuel and Herbert Voß. *Thepst-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>
- *Thepst-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>
 - *Thepst-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>
 - *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^AT_EX3 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>
- Lyu, Jianrui. *The functional package. Provide an intuitive functional programming interface for L^AT_EX2.* 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^AT_EX3.* 2022-07-01. Version 2022C. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabularray>
 PKG-URL: <https://ctan.org/pkg/tabularray>
- Lyubashenko, Volodymyr and Yurii Bepalov. *The t-angles package. Draw tangles, trees, Hopf algebra operations and other pictures.* 2017-04-18. LICENSE: gpl. A L^AT_EX2e 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>
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 PKG-URL: <https://ctan.org/pkg/ijqc>
- *The numalg package. BibTeX style for Kluwer's Numerical Algorithms.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/obsolete/biblio/bibtex/contrib/misc/numalg.bst>
 PKG-URL: <https://ctan.org/pkg/numalg>
- *The r2bib package. Convert refer and EndNote files to BibTeX.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/r2bib>
 PKG-URL: <https://ctan.org/pkg/r2bib>
- Mathas, Andrew. *The smartunits package. Converting between common metric and Imperial units.* 2016-06-24. Version 1.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/smartunits>
 PKG-URL: <https://ctan.org/pkg/smartunits>
- *The WebQuiz package. Write interactive web based quizzes.* 2019-05-01. Version 5.2. LICENSE: gpl3+. WebQuiz makes it possible to use L^AT_EX to write interactive web based quizzes. The quizzes are first written in L^AT_EX and then converted into HTML files using WebQuiz, which is written in Python3. The conversion from L^AT_EX to HTML is done behind the scenes using .
 URL: <https://mirror.ctan.org/macros/latex/contrib/webquiz>
 PKG-URL: <https://ctan.org/pkg/WebQuiz>

- Mathas, Andrew and Bob Howlett. *The bigtable package. Multi-page tables in Plain TeX*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/btable.sty>
 PKG-URL: <https://ctan.org/pkg/bigtable>
- Mathieu, Boretti. *The autoconf package. Autoconf macros to test for the presence of L^AT_EX*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/autoconf>
 PKG-URL: <https://ctan.org/pkg/autoconf>
- *The chapterfolder package. Package for working with complicated folder structures*. 2016-06-24. Version 2.0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/chapterfolder>
 PKG-URL: <https://ctan.org/pkg/chapterfolder>
 - *The smalltableof package. Create listoffigures etc. in a single chapter*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/smalltableof>
 PKG-URL: <https://ctan.org/pkg/smalltableof>
 - *The syntrace package. Labels for tracing in a syntax tree*. 2016-06-24. Version 1.1. LICENSE: lppl. This package adds support for traces in trees created using either the or the package. The package provides two commands (and) to set and use a trace.
 URL: <https://mirror.ctan.org/macros/latex/contrib/syntrace>
 PKG-URL: <https://ctan.org/pkg/syntrace>
- Matiaske, Wenzel. *The mlbib package. Support for multilingual bibliographies*. 2018-01-06. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/mlbib>
 PKG-URL: <https://ctan.org/pkg/mlbib>
- *The paper package. Versions of article class, tuned for scholarly publications*. 2018-01-06. Version 1.0l. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/paper>
 PKG-URL: <https://ctan.org/pkg/paper>
 - *The thesis package. Typeset thesis*. 2018-01-06. Version 1f. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/thesis>
 PKG-URL: <https://ctan.org/pkg/thesis>
- Matos, Jody. *The easyReview package. Package to provide a way to review (or perform editorial process) in L^AT_EX*. 2017-04-18. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/easyreview>
 PKG-URL: <https://ctan.org/pkg/easyReview>
- Matt, Christian. *The algpseudocodex package. Package for typesetting pseudocode*. 2022-10-08. Version 1.0.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/algpseudocodex>
 PKG-URL: <https://ctan.org/pkg/algpseudocodex>
- Matter, Florian. *The expex-acro package. Wrapper for the expex package*. 2022-05-17. Version 0.0.2. LICENSE: lppl1.3. This is a small wrapper for the package, adding ways to define, use, and summarize glossing abbreviations. It also provides commands to refer to examples, as well as some inline formatting commands commonly used in linguistics.
 URL: <https://mirror.ctan.org/macros/generic/expex-acro>
 PKG-URL: <https://ctan.org/pkg/expex-acro>

- Mattes, Eberhard. *The emtex package. A TeX system for MS-DOS and OS/2*. 2016-06-24. LICENSE: nosell
 URL: <https://mirror.ctan.org/systems/msdos/emtex>
 PKG-URL: <https://ctan.org/pkg/emtex>
- *The qdtxvp1 package. Quick and dirty virtual font creation*. 2016-06-24. Version 1.0. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/utilities/qdtxvp1>
 PKG-URL: <https://ctan.org/pkg/qdtxvp1>
- Matthes, Alain. *The pgfornament package. Drawing of Vectorian ornaments with PGF/TikZ*. 2020-05-28. Version 1.2. LICENSE: lppl1.3. This package allows the drawing of Vectorian ornaments (196) with . The documentation presents the syntax and parameters of the macro “pgfornament”.
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/pgfornament>
 PKG-URL: <https://ctan.org/pkg/pgfornament>
- *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>
 - *The tkz-berge package. Macros for drawing graphs of graph theory*. 2021-01-22. Version 2.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-berge>
 PKG-URL: <https://ctan.org/pkg/tkz-berge>
 - *The tkz-doc package. Documentation macros for the TKZ series of packages*. 2022-07-15. Version 1.45c. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/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>
- Matthes, Alain. *The tkz-graph package. Draw graph-theory graphs*. 2021-01-22. Version 2.0. LICENSE: lppl1.3. The package is designed to create graph diagrams as simply as possible, using .
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-graph>
 PKG-URL: <https://ctan.org/pkg/tkz-graph>
- *The tkz-kiviat package. Draw Kiviat graphs*. 2020-04-11. Version 0.1b. LICENSE: lppl
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/tkz/tkz-kiviat>
 PKG-URL: <https://ctan.org/pkg/tkz-kiviat>
 - *The tkz-linknodes package. Link nodes in mathematical environments*. 2020-04-11. Version 1.1d. LICENSE: lppl
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/tkz/tkz-linknodes>
 PKG-URL: <https://ctan.org/pkg/tkz-linknodes>

- *The tkz-tab package. Tables of signs and variations using PGF/TikZ.* 2020-04-29. Version 2.12c. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-tab>
 PKG-URL: <https://ctan.org/pkg/tkz-tab>
- *The tkzexample package. Package for the documentation of all tkz-* packages.* 2022-07-16. Version 1.45c. LICENSE: lpl1.3. This package is needed to compile the documentation of all tkz-* packages (like).
 URL: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkzexample>
 PKG-URL: <https://ctan.org/pkg/tkzexample>
- Matthes, Alain, Apostolos Syropoulos, and Anastasios Dimou. *The alterqcm package. Multiple choice questionnaires in two column tables.* 2021-05-21. Version 4.42c. LICENSE: lpl1.3. The package is a L^AT_EX 2_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^AT_EX TeX users. The package works with utf8, pdfLaTeX, LuaLaTeX and XeL^AT_EX (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^AT_EX.* 2022-05-22. Version 0.5v. LICENSE: lpl1.3c. This package simplifies the inclusion of external multi-page PDF documents in L^AT_EX 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>
- Mattison, Sven. *The slatex package. LaTeX support for writing Swedish.* 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/swedish/slatex>
 PKG-URL: <https://ctan.org/pkg/slatex>
- Matveev, Rostislav. *The lpic package. Put L^AT_EX material over included graphics.* 2016-06-24. Version 0.8. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/lpic>
 PKG-URL: <https://ctan.org/pkg/lpic>
- Maxwell, Adam R. *The onrannual package. Class for Office of Naval Research Ocean Battlespace Sensing annual report.* 2016-06-24. Version 1.1. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/onrannual>
 PKG-URL: <https://ctan.org/pkg/onrannual>
- Maxwell, Adam R. *The tcobrowser package. Local browsing of the Catalogue on Mac OS X.* 2017-04-18. LICENSE: BSD
 PKG-URL: <https://ctan.org/pkg/tcobrowser>
- May, Ludwig and Jens Leilich. *The timing package. Fonts and macro package for drawing timing diagrams.* 2016-06-24. LICENSE: noinfo
 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: lpl. 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^AT_EX to HTML converters*. 2019-02-03. Version 2.6. LICENSE: other-free
 URL: <https://mirror.ctan.org/support/tex-converter>
- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L^AT_EX in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L^AT_EX from PHP programs; in particular, this allows users to enter L^AT_EX commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L^AT_EX 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>
 PKG-URL: <https://ctan.org/pkg/LatexRender>
- Mazoit, Frédéric. *The tableauVariations package. Variation tables in MetaPost*. 2016-06-24. LICENSE: gpl. Utility macros for creating tables of signs and of variations. The L^AT_EX package provides an interface to this package.
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/europasscv>
 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.
 URL: <https://mirror.ctan.org/macros/latex/contrib/gcard>
 PKG-URL: <https://ctan.org/pkg/gcard>
- McCarthy, Adrian. *The ScriptTeX package. Macros for scripts and screenplays*. 2016-06-24. Version 1.04. LICENSE: nocommercial
 URL: <https://mirror.ctan.org/macros/scripttex>
 PKG-URL: <https://ctan.org/pkg/ScriptTeX>

- McCauley, James Darrell. *The cea package. Produce papers for Computers and Electronics in Agriculture*. 2016-06-24. Version 0.1a. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/cea.sty>
 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
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/marnote.sty>
 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
 URL: <https://mirror.ctan.org/fonts/utilities/corelfonts>
 PKG-URL: <https://ctan.org/pkg/corelfonts>
- McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/hpgl2ps>
 PKG-URL: <https://ctan.org/pkg/hpgl2ps>
- 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>
- *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>
- McDonnell, Rowland. *The rmpage package. A package to help change page layout parameters in L^AT_EX*. 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 fount, 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.

- URL: <https://mirror.ctan.org/macros/latex/contrib/rmpage>
 PKG-URL: <https://ctan.org/pkg/rmpage>
- *The sectsty package. Control sectional headers.* 2016-06-24. Version 2.0.2. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sectsty>
 PKG-URL: <https://ctan.org/pkg/sectsty>
- McHale, Ciaran. *The refer package. Convert a BibTeX bibliography to refer format.* 2016-06-18. LICENSE: noinfo
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/refer.bst>
 PKG-URL: <https://ctan.org/pkg/refer>
- McKay, Benjamin. *The dynkin-diagrams package. Draw Dynkin, Coxeter, and Satake diagrams using TikZ.* 2021-04-04. Version 3.1415926535897932. LICENSE: lpl1.3c
 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: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/epigraph-keys>
 PKG-URL: <https://ctan.org/pkg/epigraph-keys>
 - *The lie-hasse package. Draw Hasse diagrams.* 2021-03-24. Version 1.0. LICENSE: lpl1.3c. 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: lpl1.3c
 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: lpl1.3c. 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>
 PKG-URL: <https://ctan.org/pkg/willowtreebook>
- McKenzie, Andrew. *The ling-macros package. Macros for typesetting formal linguistics.* 2016-10-17. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ling-macros>
 PKG-URL: <https://ctan.org/pkg/ling-macros>
- McKinstry, Graeme. *The merge package. Perform mail merges in L^AT_EX.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/merge.sty>
 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
 URL: <https://mirror.ctan.org/support/latexmake>
 PKG-URL: <https://ctan.org/pkg/latexmake>
- McManus, Éamonn. *The compare package. Compare two strings.* 2020-04-11. LICENSE: pd. The file defines a macro , which takes two arguments; the macro expands to -1, 0, 1, according as the first argument is less than, equal to, or greater than the second argument. Sorting is alphabetic, using ASCII collating order.
 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>
- McNeese, 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>
- *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 Nazreen 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>
 PKG-URL: <https://ctan.org/pkg/extradefs>
- *The memo2 package. A memo document style.* 2016-06-24. LICENSE: noinfo. A small document style (LaTeX 2.09) which produces a presentable memorandum layout. The style will work under L^AT_EX 2e (subject to the usual complaints), but requires the package.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/memo2>
 PKG-URL: <https://ctan.org/pkg/memo2>
- McPherson, Kent. *The milstd package. Generate documents according to MIL STD 490.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/milstd>
 PKG-URL: <https://ctan.org/pkg/milstd>
- McPherson, Kent, Johannes L. Braams, Hideo Umeki, and The LaTeX Project Team. *The layout package. View the layout of a document.* 2021-06-01. Version 1.2e. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/tools>
 PKG-URL: <https://ctan.org/pkg/layout>

- Medina, Rodrigo. *The fontch package. Changing fonts, sizes and encodings in Plain TeX*. 2016-06-24. Version 2.2. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/plain/contrib/fontch>
 PKG-URL: <https://ctan.org/pkg/fontch>
- *The old-fontch package. Changing fonts, sizes and encodings in Plain TeX (obsolete version)*. 2016-06-24. Version 2. LICENSE: lpl
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 PKG-URL: <https://ctan.org/pkg/shhyph1>
- Mui, Wing L. *The sides package. A L^AT_EX class for typesetting stage plays.* 2016-06-24. LICENSE: gpl. This is a L^AT_EX 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>
- *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>
- Münch, Hans-Martin. *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 , which gives the current page (background) colour, i. e. the argument used with the most recent call of . The command gives the same colour as , except when the page background colour is “none” (e.g., as a result of using the command). In that case is “white” and 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 to be used in a or environment, where will not work (and when using and , and adjusting the counter as necessary, is too much work).
 URL: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>
 PKG-URL: <https://ctan.org/pkg/tablefootnote>
- *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 , , , and .
 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^AT_EX document through the introduction of a new label which can be referenced like to give a reference to the last page of a document. It is particularly useful in the page footer that says: Page N of M.
 URL: <https://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: lpl1.3. 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 Xe_{La}TeX or Lua_{La}TeX.
 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: lpl1.3
 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: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
 PKG-URL: <https://ctan.org/pkg/invoice-class>
 - *The msu-thesis package. Class for Michigan State University Master’s and PhD theses*. 2022-08-19. Version 3.5b. LICENSE: lpl1.3
 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: lpl
 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: lpl1.3
 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^AT_EX 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 ucthesis209 package. L^AT_EX 2.09 document style for UC Theses*. 2016-06-24. Version 2.7. LICENSE: noinfo. An obsolescent L^AT_EX 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/ucthesis>
 PKG-URL: <https://ctan.org/pkg/ucthesis209>
- 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>
 - *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^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX \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>
- *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>
- Musa, Ahmed. *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: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfTeX); the user may specify how the date is to be presented.
URL: <https://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: lppl1.3
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: lppl1.3. The package provides lightweight and robust facilities for creating and managing keys. Its

- machinery isn't as extensive as that of, e.g., the package, but it is equally robust; ease of use and speed of processing are the design aims of the package.
- URL: <https://mirror.ctan.org/macros/latex/contrib/keyval2e>
 PKG-URL: <https://ctan.org/pkg/keyval2e>
- *The loops package. General looping macros for use with L^AT_EX.* 2016-06-24. Version 1.3. LICENSE: lppl1.3
 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^AT_EX.* 2016-06-24. Version 0.0.3c. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ltxkeys>
 PKG-URL: <https://ctan.org/pkg/ltxkeys>
 - *The ltxtools package. A collection of L^AT_EX API macros.* 2016-06-24. Version 0.0.1a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ltxtools>
 PKG-URL: <https://ctan.org/pkg/ltxtools>
 - *The newenviron package. Processing an environment's body.* 2016-06-24. Version 1.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/newenviron>
 PKG-URL: <https://ctan.org/pkg/newenviron>
 - *The pagerange package. Flexible and configurable page range typesetting.* 2016-06-24. Version 0.5. LICENSE: lppl. The package defines a command that typesets ranges of page numbers, expanding them (e.g., adding first or last page numbers) and standardising them.
 URL: <https://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: lppl1.3
 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: lppl1.3. The package provides tools for defining L^AT_EX 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>
- Musa, Ahmed. *The skeyval package. Key-value parsing combining features of xkeyval and pgfkeys.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package integrates the features of and of by introducing a new type of handlers. Style keys, links, changing key callbacks and values on the fly, and other features of pgfkeys are introduced in a new context.
 URL: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
 PKG-URL: <https://ctan.org/pkg/skeyval>
- *The storecmd package. Store the name of a defined command in a container.* 2016-06-24. Version 0.0.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/storecmd>
 PKG-URL: <https://ctan.org/pkg/storecmd>
 - *The xwatermark package. Graphics and text watermarks on selected pages.* 2021-06-17. Version 1.5.2d. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/xwatermark>
 PKG-URL: <https://ctan.org/pkg/xwatermark>

- Musliner, David J. *The go-make package. A make variant for L^AT_EX documents*. 2016-06-24. Version 3.6. LICENSE: other-free
 URL: <https://mirror.ctan.org/support/go>
 PKG-URL: <https://ctan.org/pkg/go-make>
- Myers, Eric. *The ruled-tables package. Plain TeX table macros, with ruled capability*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/ruled-tables>
 PKG-URL: <https://ctan.org/pkg/ruled-tables>
- Myers, Eric and Frank Paige. *The TeXsis package. Plain TeX macros for Physicists*. 2019-06-21. Version 2.18. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/texsis>
 PKG-URL: <https://ctan.org/pkg/TeXsis>
- Naanou, Alex A. *The photobook package. A document class for typesetting photo books*. 2022-09-24. Version 0.1. LICENSE: bsd3
 URL: <https://mirror.ctan.org/macros/latex/contrib/photobook>
 PKG-URL: <https://ctan.org/pkg/photobook>
- Nagy, Bence. *The hungarian package. New Hungarian hyphenation patterns*. 2016-11-05. LICENSE: gpl. These patterns are a modern substitute for those in the package.
 URL: <https://mirror.ctan.org/language/hungarian/hyphenation>
 PKG-URL: <https://ctan.org/pkg/hungarian>
- Nähring, Tobias and Herbert Voß. *The pst-bezier package. Draw Bezier curves*. 2016-09-03. Version 0.03. LICENSE: lppl. The package provides a macro for drawing a Bézier curve. Provision is made for full control of over all the control points of the curve.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bezier>
 PKG-URL: <https://ctan.org/pkg/pst-bezier>
- Nakashima, Hiroshi. *The arydshln package. Draw dash-lines in array/tabular*. 2019-02-22. Version 1.76. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/arydshln>
 PKG-URL: <https://ctan.org/pkg/arydshln>
- *The dblfnote package. Double-column footnotes*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
 PKG-URL: <https://ctan.org/pkg/dblfnote>
- Nakashima, Hiroshi. *The fnpos package. Control the position of footnotes on the page*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
 PKG-URL: <https://ctan.org/pkg/fnpos>
- *The hvdashln package. Horizontal and vertical dashed lines in arrays and tabulars*. 2018-01-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/hvdashln.sty>
 PKG-URL: <https://ctan.org/pkg/hvdashln>
- *The newvbtm package. Define your own verbatim-like environment*. 2016-06-24. Version 1.1. LICENSE: lppl. Defines general purpose macro named to define your own verbatim-like environment. It also has a supplementary style file varvbtm.sty to provide set of macros for variants of verbatim, such as tab emulation.
 URL: <https://mirror.ctan.org/macros/latex/contrib/newvbtm>
 PKG-URL: <https://ctan.org/pkg/newvbtm>

- *The paracol package. Multiple columns with texts “in parallel”.* 2018-12-31. Version 1.35. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/paracol>
 PKG-URL: <https://ctan.org/pkg/paracol>
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- *The colorinfo package*. Retrieve colour model and values for defined colours. 2016-06-18. Version 0.3c. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/colorinfo>
 PKG-URL: <https://ctan.org/pkg/colorinfo>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/eso-pic>
 PKG-URL: <https://ctan.org/pkg/eso-pic>
- Niepraschk, Rolf. *The image-gallery package*. Create an overview of pictures from a digital camera or from other sources. 2016-06-24. Version 1.0j. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/image-gallery>
 PKG-URL: <https://ctan.org/pkg/image-gallery>
- *The keystroke package*. Graphical representation of keys on keyboard. 2016-06-24. Version 1.6. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/keystroke>
 PKG-URL: <https://ctan.org/pkg/keystroke>
- *The niceframe-type1 package*. Type 1 versions of the fonts recommended in niceframe. 2017-06-23. LICENSE: lpl. The bundle provides Adobe Type 1 versions of the fonts , , , .
 URL: <https://mirror.ctan.org/fonts/niceframe>
 PKG-URL: <https://ctan.org/pkg/niceframe-type1>
- *The overpic package*. Combine L^AT_EX commands over included graphics. 2020-02-22. Version 1.3. LICENSE: lpl1.3. The overpic environment is a cross between the L^AT_EX picture environment and the command of . The resulting picture environment has the same dimensions as the included graphic. L^AT_EX commands

- can be placed on the graphic at defined positions; a grid for orientation is available.
 URL: <https://mirror.ctan.org/macros/latex/contrib/overpic>
 PKG-URL: <https://ctan.org/pkg/overpic>
- *The ps4pdf package. Use PostScript commands inside a pdfLaTeX document.* 2021-08-26. Version 0.6i. LICENSE: lppl
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ps4pdf>
 PKG-URL: <https://ctan.org/pkg/ps4pdf>
 - *The scr1ttr2copy package. A letter class option file for the automatic creation of copies.* 2020-10-22. Version 0.3a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/scr1ttr2copy>
 PKG-URL: <https://ctan.org/pkg/scr1ttr2copy>
 - *The showexpl package. Typesetting L^AT_EX source code.* 2021-01-13. Version 0.3s. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/showexpl>
 PKG-URL: <https://ctan.org/pkg/showexpl>
 - *The showframe package. Draw a page-layout diagram.* 2020-10-14. Version 0.1j. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/eso-pic/showframe.sty>
 PKG-URL: <https://ctan.org/pkg/showframe>
 - *The texlive-dummy-opensuse package. Dummy TeX Live RPM for use with Open SUSE.* 2022-04-21. Version 2022.9999-1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/support/texlive/texlive-dummy/opensUSE>
 PKG-URL: <https://ctan.org/pkg/texlive-dummy-opensuse>
 - *The tikz-kalender package. A L^AT_EX based calendar using TikZ.* 2019-11-22. Version 0.4f. LICENSE: cc-by-sa-1
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-kalender>
 PKG-URL: <https://ctan.org/pkg/tikz-kalender>
- Niepraschk, Rolf and Stefan A. Deutscher. *The jpeg2ps-os2 package. JPEG to PostScript converter for OS/2.* 2016-06-24. LICENSE: nosell. OS/2 port of .
 URL: <https://mirror.ctan.org/support/jpeg2ps/os2>
 PKG-URL: <https://ctan.org/pkg/jpeg2ps-os2>
- Niepraschk, Rolf and Hubert Gäßlein. *The pst-pdf package. Make PDF versions of graphics by processing between runs.* 2020-10-10. Version 1.2f. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/pst-pdf>
 PKG-URL: <https://ctan.org/pkg/pst-pdf>
- *The sidecap package. Typeset captions sideways.* 2016-06-24. Version 1.6f. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sidecap>
 PKG-URL: <https://ctan.org/pkg/sidecap>
- Niepraschk, Rolf and Herbert Voß. *The eit1 package. Easy install of TeX Live.* 2020-06-24. Version 0.04. LICENSE: lppl
 URL: <https://mirror.ctan.org/support/texlive/eit1>
 PKG-URL: <https://ctan.org/pkg/eit1>
- Nikolova, Aleksandrina. *The binarytree package. Drawing binary trees using TikZ.* 2016-09-17. Version 1.01. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/binarytree>
 PKG-URL: <https://ctan.org/pkg/binarytree>
- Nikunen, Martti. *The esint-type1 package. Font esint10 in Type 1 format.* 2016-06-24. LICENSE: pd. This is Eddie Soudrais's in Adobe Type 1 format. The Adobe Type 1 implementation was generated from the

- original Metafont using . This distribution does not contain the TFM files that are necessary to use the fonts with TeX; the TFM files can be generated from the Metafont sources obtained by following the instructions in the normal way.
 URL: <https://mirror.ctan.org/fonts/ps-type1/esint>
 PKG-URL: <https://ctan.org/pkg/esint-type1>
- Nilsson, Joachim. *The technics package. A package to format technical documents.* 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/technics>
 PKG-URL: <https://ctan.org/pkg/technics>
- Nilsson, Robert. *The stables package. Simplified Plain TeX tables.* 2016-06-24. Version 1.0. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/stables>
 PKG-URL: <https://ctan.org/pkg/stables>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/eqmark>
 PKG-URL: <https://ctan.org/pkg/eqmark>
- *The tsconfig package. Setup support for TeXshell.* 2016-06-24. LICENSE: nocommercial. The tsconfig program tries to make the configuration of the by J. Schlegelmilch easier, especially if you have a lot of computers with different processors.
 URL: <https://mirror.ctan.org/systems/win32/tsconfig>
 PKG-URL: <https://ctan.org/pkg/tsconfig>
- Noirel, Josselin. *The cellspace package. Ensure minimal spacing of table cells.* 2022-01-05. Version 1.9.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/cellspace>
 PKG-URL: <https://ctan.org/pkg/cellspace>
- *The cmdstring package. Get command name reliably.* 2016-06-24. Version 1.1. LICENSE: lppl. Extracts the letters of a command's name (e.g., for command), in a reliable way.
 URL: <https://mirror.ctan.org/macros/latex/contrib/cmdstring>
 PKG-URL: <https://ctan.org/pkg/cmdstring>
- Noirel, Josselin. *The xifthen package. Extended conditional commands.* 2016-06-24. Version 1.4.0. LICENSE: lppl. This package extends the package by implementing new commands to go within the first argument of : to test whether a string is void or not, if a command is defined or equivalent to another. The package also enables use of complex expressions as introduced by the package , together with the ability of defining 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^AT_EX's standard .
 URL: <https://mirror.ctan.org/macros/latex/contrib/xnewcommand>
 PKG-URL: <https://ctan.org/pkg/xnewcommand>
- *The xoptarg package. Expandable macros that take an optional argument.* 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/xoptarg>
 PKG-URL: <https://ctan.org/pkg/xoptarg>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/hang>
 PKG-URL: <https://ctan.org/pkg/hang>
- *Theoverlays package. Incremental slides*. 2021-02-23. Version 2.12. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/overlays>
 PKG-URL: <https://ctan.org/pkg/overlays>
 - *The tagpair package. Word-by-word glosses, translations, and bibliographic attributions*. 2016-09-23. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tagpair>
 PKG-URL: <https://ctan.org/pkg/tagpair>
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 PKG-URL: <https://ctan.org/pkg/xpdf>
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 URL: https://mirror.ctan.org/macros/latex/contrib/r_und_s
 PKG-URL: https://ctan.org/pkg/r_und_s
- Nordhoff, Sebastian. *The langsci package. Typeset books for publication with Language Science Press*. 2022-02-17. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/xetex/latex/langsci>
 PKG-URL: <https://ctan.org/pkg/langsci>
- North, Nicolas. *The iso209 package. A document style for ISO standards*. 2016-06-24. Version 2.6. LICENSE: noinfo. An early predecessor of Wilson's .
 URL: <https://mirror.ctan.org/macros/latex209/contrib/iso>
 PKG-URL: <https://ctan.org/pkg/iso209>
- Novak, Petr, Karel Horák, Lada Lhotka, and Petr Olšák. *The csfonts package. Czech/Slovak-tuned Computer Modern fonts*. 2017-04-18. LICENSE: gpl. The fonts are provided as Metafont source; Type 1 format versions () are also available.
 URL: <https://mirror.ctan.org/macros/cstex/base/csfonts.tar.gz>
 PKG-URL: <https://ctan.org/pkg/csfonts>
- Novikov, Mikael. *The bmstu package. A L^AT_EX class for Bauman Moscow State Technical University*. 2022-02-08. Version 1.0.0. LICENSE: lppl1.3, other-free
 URL: <https://mirror.ctan.org/macros/latex/contrib/bmstu>
 PKG-URL: <https://ctan.org/pkg/bmstu>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/belarusian>
 PKG-URL: <https://ctan.org/pkg/babel-belarusian>
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 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/beamer-contrib/themes/fibeamer>
 PKG-URL: <https://ctan.org/pkg/fibeamer>

- *The fithesis package. Thesis class and template for Masaryk University (Brno, Czech Republic).* 2022-08-17. Version 1.1.0. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/fithesis>
PKG-URL: <https://ctan.org/pkg/fithesis>
- *The lt3luabridge package. Execute Lua code in any TeX engine that exposes the shell.* 2022-08-16. Version 2.0.1. LICENSE: lppl1.3c. This is an (-generic) package for plain TeX, L^AT_EX, and ConTeXt that allows you to execute Lua code in LuaTeX or any other TeX engine that exposes the shell.
URL: <https://mirror.ctan.org/macros/generic/lt3luabridge>
PKG-URL: <https://ctan.org/pkg/lt3luabridge>
- *The markdown package. A package for converting and rendering markdown documents inside TeX.* 2022-10-03. Version 2.17.1-0-g8ca83f5. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/generic/markdown>
PKG-URL: <https://ctan.org/pkg/markdown>
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URL: <https://mirror.ctan.org/macros/latex/contrib/csbulletin>
PKG-URL: <https://ctan.org/pkg/csbulletin>
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URL: <https://mirror.ctan.org/obsolete/fonts/psfonts/polish/antp>
PKG-URL: <https://ctan.org/pkg/antp>
- *The antt package. Antykwa Toruńska: a Type 1 family of a Polish traditional type.* 2016-06-24. Version 2.08. LICENSE: gfsf
URL: <https://mirror.ctan.org/fonts/antt>
PKG-URL: <https://ctan.org/pkg/antt>
- *The cyklop package. The Cyclop typeface.* 2016-06-24. Version 0.915. LICENSE: gfl
URL: <https://mirror.ctan.org/fonts/cyklop>
PKG-URL: <https://ctan.org/pkg/cyklop>
- *The iwona package. A two-element sans-serif font.* 2018-06-16. Version 0.995b. LICENSE: gfl
URL: <https://mirror.ctan.org/fonts/iwona>
PKG-URL: <https://ctan.org/pkg/iwona>
- Nowacki, Janusz Marian. *The kurier package. A two-element sans-serif typeface.* 2018-06-16. Version 0.995b. LICENSE: gfl
URL: <https://mirror.ctan.org/fonts/kurier>
PKG-URL: <https://ctan.org/pkg/kurier>
- *The plpsfont package. Polish extension of CM fonts in Type 1 format.* 2016-06-24. Version 1.15. LICENSE: pd. This package is the Polish extension of the Computer Modern fonts (known as PL fonts), in Adobe Type 1 (PostScript) format. The fonts use the same .tfm files as for the . This release of fonts was adapted to the (mostly guessed) demands of the Windows environment, while keeping the fonts usable with TeX; however, encoding files are now added, as Windows and TeX use different encoding schemes.
URL: <https://mirror.ctan.org/language/polish/plpsfont>
PKG-URL: <https://ctan.org/pkg/plpsfont>
- *The poligraf package. A TeX macro package for prepress.* 2016-06-24. Version 2.0. LICENSE: pd. A set of macros (employing PostScript) supporting professional page preparation for prepress; includes color separation (it needs package), crop-marks, colour and grey scale bars, etc.

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 PKG-URL: <https://ctan.org/pkg/poligraf>
- Nüsken, Michael. *The computational-complexity package. Class for the journal Computational Complexity.* 2016-06-24. Version 2.25f. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/computational-complexity>
 PKG-URL: <https://ctan.org/pkg/computational-complexity>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/glossaries-swedish>
 PKG-URL: <https://ctan.org/pkg/glossaries-swedish>
- *The vxu package. Document classes for Vaxjo University.* 2016-06-24. Version 3.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/vxu>
 PKG-URL: <https://ctan.org/pkg/vxu>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/accsupp>
 PKG-URL: <https://ctan.org/pkg/accsupp>
- *The aliascnt package. Alias counters.* 2018-09-08. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
 PKG-URL: <https://ctan.org/pkg/aliascnt>
 - *The alphas package. Convert numbers to letters.* 2019-12-14. Version 2.6. LICENSE: lppl1.3. Provides commands and They are like but the expansion consists of lowercase and uppercase letters respectively (1 to a, 26 to z, 27 to aa, 52 to zz, 53 to ba, 702 to zz, 703 to aaa, etc.). Can be used as a replacement for L^AT_EX's and macros.
 URL: <https://mirror.ctan.org/macros/latex/contrib/alphaph>
 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 reimplementaion 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^AT_EX or with plain TeX.
 URL: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>
 PKG-URL: <https://ctan.org/pkg/atbegshi>
- Oberdiek, Heiko. *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^AT_EX 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>
 - *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>
- Oberdiek, Heiko. *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>
- *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>
- Oberdiek, Heiko. *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 `\hologo`, 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 `hobsub`.
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
PKG-URL: <https://ctan.org/pkg/holtxdoc>
- *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 `hycolor` that is used by packages `hyperref` and `bookmark`. 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>
- Oberdiek, Heiko. *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: lppl1.3. 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: lppl1.3c. This package adds hypertext features to the package `doc.sty` that is used in the documentation system of `TeX`. 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: lppl1.3
 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: lppl1.3
 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: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/ildraft.dtx>
 PKG-URL: <https://ctan.org/pkg/ildraft>
- *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lppl1.3
 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: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
 PKG-URL: <https://ctan.org/pkg/infwarerr>
- *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lppl1.3.
 This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does ; it also covers nearly all slots. In this way, it serves as more uptodate replacement for package .
 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: lppl1.3. This package provides expandable arithmetic operations with integers, using the e-TeX extension 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: lppl1.3c. The package provides a macro (analogous to , to define keys for use by .
 URL: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
 PKG-URL: <https://ctan.org/pkg/kvdefinekeys>
- Oberdiek, Heiko. *The kvoptions package. Key value format for package options.* 2022-06-16. Version 3.15. LICENSE: lppl1.3
 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: lppl1.3. This package provides \kvsetkeys, a variant of package ’s . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see ’s shorthands) and only one level of curly braces are removed from the values.
 URL: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
 PKG-URL: <https://ctan.org/pkg/kvsetkeys>
- *The LaTeX-tds package. A structured copy of the L^AT_EX 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^AT_EX macros.* 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX’s assignment does not work for L^AT_EX 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^AT_EX 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>
 - *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>
- Oberdiek, Heiko. *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: lpl1.3c
 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: lpl1.3
 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: lpl1.3c
 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: lpl1.3
 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: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparcolumns.dtx>
 PKG-URL: <https://ctan.org/pkg/pdfcolparcolumns>
- *The pdfcrop package. Crop PDF graphics.* 2020-06-06. Version 1.40. LICENSE: lpl1.3c
 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: lpl1.3
 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: lpl1.3. 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>
- Oberdiek, Heiko. *The pdfscape package. Make landscape pages display as landscape.* 2019-12-10. Version 0.12. LICENSE: lpl1.3. 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/pdfscape>
 PKG-URL: <https://ctan.org/pkg/pdfscape>
- *The pdfrender package. Control rendering parameters.* 2019-12-31. Version 1.6. LICENSE: lpl1.3. 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: lpl1.3c. 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^AT_EX ‘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>
- *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>
- Oberdiek, Heiko. *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>
- *The stringenc package. Converting a string between different encodings.* 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.
URL: <https://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>
- Oberdiek, Heiko. *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^AT_EX 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 thepdfnumber package. Print PDF numbers with minimal digits.* 2016-06-24. Version 1.1. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
PKG-URL: <https://ctan.org/pkg/thepdfnumber>
- *The thumbpdf package. Thumbnails for pdfTeX and dvips/ps2pdf.* 2018-09-08. Version 3.17. LICENSE: lppl1.3. 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^AT_EX.
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>
- *The uniquecounter package. Provides unlimited unique counter.* 2019-12-21. Version 1.4. LICENSE: lpl1.3
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
URL: <https://mirror.ctan.org/macros/latex/contrib/vpe>
PKG-URL: <https://ctan.org/pkg/vpe>
- *The zref package. A new reference scheme for L^AT_EX.* 2022-04-07. Version 2.34. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/zref>
PKG-URL: <https://ctan.org/pkg/zref>
- Oberdiek, Heiko, Oberdiek Package Support Group, and Sebastian Rahtz. *The nameref package. Make reference to section names, etc.* 2022-05-17. Version 2.50. LICENSE: lpl1.3. Defines a command, that makes reference to an object by its name (e.g., the title of a section or chapter). The package is part of the bundle, and works well with hyperref.
URL: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
PKG-URL: <https://ctan.org/pkg/nameref>
- Oberdiek, Heiko, Sebastian Rahtz, Oberdiek Package Support Group, and The LaTeX Project Team. *The hyperref package. Extensive support for hypertext in L^AT_EX.* 2022-09-22. Version 7.00t. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
PKG-URL: <https://ctan.org/pkg/hyperref>
- Oberdiek, Heiko and Bastien Roucariès. *The pax package. Extract and reinsert PDF annotations with pdfTeX.* 2022-06-07. LICENSE: lpl,gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/pax>
PKG-URL: <https://ctan.org/pkg/pax>
- Obrecht, Christian. *The eukleides package. A geometry drawing system.* 2018-09-15. Version 1.5.3. LICENSE: gpl
URL: <https://mirror.ctan.org/support/eukleides>
PKG-URL: <https://ctan.org/pkg/eukleides>
- *The mafr package. Mathematics in accord with French usage.* 2016-06-24. Version 1.0. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mafr>
PKG-URL: <https://ctan.org/pkg/mafr>
- *The variations package. Typeset tables of variations of functions.* 2016-06-24. Version 0.3. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/generic/variations>
PKG-URL: <https://ctan.org/pkg/variations>
- Ochoa, Geri. *The beamertheme-cuerna package. A beamer theme with 4 colour palettes.* 2018-01-07. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-cuerna>
PKG-URL: <https://ctan.org/pkg/beamertheme-cuerna>

- URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-1>
 PKG-URL: <https://ctan.org/pkg/revtex4-1>
- Ohl, Thorsten. *The emp package. "Encapsulate" MetaPost figures in a document.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/emp>
 PKG-URL: <https://ctan.org/pkg/emp>
- *The feynmf package. Macros and fonts for creating Feynman (and other) diagrams.* 2018-01-06. Version 1.08. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/feynmf>
 PKG-URL: <https://ctan.org/pkg/feynmf>
- *The mcite package. Multiple items in a single citation.* 2016-06-24. Version 1.6. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/mcite>
 PKG-URL: <https://ctan.org/pkg/mcite>
- Oehlhaut, Marcus. *The niceframe package. Support for fancy frames.* 2017-10-29. Version 1.1c. LICENSE: lppl.
 The package defines means of drawing frames around boxes, using dingbat fonts. Some (Metafont) font sources are included; the fonts are available separately in .
 URL: <https://mirror.ctan.org/macros/latex/contrib/niceframe>
 PKG-URL: <https://ctan.org/pkg/niceframe>
- Okumura, Haruhiko and Japanese TeX Development Community. *The jsclasses package. Classes tailored for use with Japanese.* 2022-09-14. LICENSE: bsd
 URL: <https://mirror.ctan.org/macros/jptex/latex/jsclasses>
 PKG-URL: <https://ctan.org/pkg/jsclasses>
- Ol, Say. *The beamertheme-phnompenh package. A simple beamer theme.* 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/phnompenh>
 PKG-URL: <https://ctan.org/pkg/beamertheme-phnompenh>
- Oleinik, Phelype. *The namedef package. TeX definitions with named parameters.* 2020-06-23. Version 1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/namedef>
 PKG-URL: <https://ctan.org/pkg/namedef>
- Oliveira, Nuno. *The reotex package. Draw Reo Channels and Circuits.* 2016-06-24. Version 1.1. LICENSE: lppl.
 The package defines macros and other utilities to design Reo Circuits. The package requires support.
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/reotex>
 PKG-URL: <https://ctan.org/pkg/reotex>
- Oliver, Marcel. *The uaclasses package. University of Arizona thesis and dissertation format.* 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/uaclasses>
 PKG-URL: <https://ctan.org/pkg/uaclasses>
- Olko, Mariusz and Marcin Woliński. *The polski package. Typeset Polish documents with L^AT_EX and Polish fonts.* 2021-08-25. Version 1.3.6. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/polski>
 PKG-URL: <https://ctan.org/pkg/polski>
- Olšák, Petr. *The a2ac package. AFM to AFM plus Composites.* 2016-06-24. Version 2. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/fonts/utilities/a2ac>
 PKG-URL: <https://ctan.org/pkg/a2ac>
- *The apnum package. Arbitrary precision numbers implemented by TeX macros.* 2018-04-22. Version 1.7. LICENSE: pd

- URL: <https://mirror.ctan.org/macros/generic/apnum>
 PKG-URL: <https://ctan.org/pkg/apnum>
- *The code128 package. Barcode macros for the Code 128 standard.* 2016-06-24. LICENSE: gpl
 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>
 - *The CTeX package. Support for Czech/Slovak languages.* 2022-08-19. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/cstex>
 PKG-URL: <https://ctan.org/pkg/CTeX>
 - *The docbytex package. Creating documentation from source code.* 2017-04-18. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/generic/docbytex>
 PKG-URL: <https://ctan.org/pkg/docbytex>
 - *The ean package. Macros for making EAN barcodes.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/generic/ean>
 PKG-URL: <https://ctan.org/pkg/ean>
 - *The encTeX package. A TeX extension that translates input on its way into TeX.* 2018-01-06. LICENSE: gpl
 URL: <https://mirror.ctan.org/systems/encTeX>
 PKG-URL: <https://ctan.org/pkg/encTeX>
 - *The ofs package. Macros for managing large font collections.* 2017-04-18. LICENSE: knuth. OFS (Olsak's Font System) is a set of Plain TeX and L^AT_EX macros for managing large font collections; it has been used by Czech/Slovak users for many years. Main features include:
 URL: <https://mirror.ctan.org/macros/generic/ofs>
 PKG-URL: <https://ctan.org/pkg/ofs>
 - Olšák, Petr. *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>
 PKG-URL: <https://ctan.org/pkg/olsak-misc>
 - *The OpTeX package. LuaTeX format based on Plain TeX and OPmac.* 2022-08-04. Version 1.08. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/optex>
 PKG-URL: <https://ctan.org/pkg/OpTeX>
 - *The TeX-nutshell package. A short document about TeX principles.* 2022-05-18. Version 0.8. LICENSE: pd
 URL: <https://mirror.ctan.org/info/tex-nutshell>
 PKG-URL: <https://ctan.org/pkg/TeX-nutshell>
 - Olšák, Petr and Zdeněk Wagner. *The cspsfonts package. Czech/Slovakian PostScript font support.* 2017-04-18. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/cstex/base/cspsfonts.tar.gz>
 PKG-URL: <https://ctan.org/pkg/cspsfonts>
 - Olthof, Edgar. *The fcolumn package. Typesetting financial tables.* 2022-02-01. Version 1.4.1. LICENSE: lppl1.3. 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>
- Omidali, Mehdi and Tobias Oetiker. *The lshort-persian package. Persian (Farsi) introduction to L^AT_EX*. 2016-06-24. Version 5.01. LICENSE: pd. A Persian (Farsi) translation of Oetiker’s .
- 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>
 PKG-URL: <https://ctan.org/pkg/badge>
- *The bigdelim package. Big delimiters in tabular or array*. 2021-03-15. Version 2.8. LICENSE: lppl1.3. The commands and may be used to place multi-row delimiters inside a tabular or array, in cooperation with the package.
 - URL: <https://mirror.ctan.org/macros/latex/contrib/multirow>
 PKG-URL: <https://ctan.org/pkg/bigdelim>
 - *The bigstrut package. Struts for opening up tabular spacing*. 2021-03-15. Version 2.8. LICENSE: lppl1.3
 - URL: <https://mirror.ctan.org/macros/latex/contrib/multirow>
 PKG-URL: <https://ctan.org/pkg/bigstrut>
 - *The fancyhdr package. Extensive control of page headers and footers in L^AT_EX2_ε*. 2022-05-18. Version 4.0.3. LICENSE: lppl1.3
 - URL: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
 PKG-URL: <https://ctan.org/pkg/fancyhdr>
 - *The fancyheadings package. Legacy headings package*. 2022-05-18. Version 4.0.3. LICENSE: lppl1.3. This package is now a stub for .
 - URL: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
 PKG-URL: <https://ctan.org/pkg/fancyheadings>
- Oostrum, Pieter van. *The lkort package. A short introduction to L^AT_EX, in Dutch*. 2019-06-21. LICENSE: noinfo
- PKG-URL: <https://ctan.org/pkg/lkort>
- Oostrum, Pieter van and Jerry Leichter. *The multirow package. Create tabular cells spanning multiple rows*. 2021-03-15. Version 2.8. LICENSE: lppl1.3
- URL: <https://mirror.ctan.org/macros/latex/contrib/multirow>
 PKG-URL: <https://ctan.org/pkg/multirow>
- Optical Society of America. *The osa package. Macros for Optical Society of America Journals, etc*. 2017-04-18. LICENSE: noinfo
- URL: <https://mirror.ctan.org/macros/latex/contrib/osa>
 PKG-URL: <https://ctan.org/pkg/osa>
- Órdenes, Jerick. *The xcolor-material package. Defines the 256 colors from Google Material Color Palette*. 2016-11-16. Version 0.1. LICENSE: lppl1.3. The package is built on top of the great package. It provides a useful definition of the beautiful Google Material Color Palette, available at , for its use in document writing with L^AT_EX and Friends.
- URL: <https://mirror.ctan.org/macros/latex/contrib/xcolor-material>
 PKG-URL: <https://ctan.org/pkg/xcolor-material>
- Oriet, Boris. *The chextras package. A companion package for the Swiss typesetter*. 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package simplifies the preparation of Swiss documents and letters by setting up linguistic and common packages. While it is a useful addition to the document class, it is not tied to it

- and may be used as a general purpose package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/chextras>
 PKG-URL: <https://ctan.org/pkg/chextras>
- *The chletter package. Class for typesetting letters to Swiss rules.* 2016-06-24. Version 2.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/chletter>
 PKG-URL: <https://ctan.org/pkg/chletter>
- Orlandini, Mauro. *The shadow package. Shadow boxes.* 2018-04-18. LICENSE: lppl. Defines a command (analogous to `\shadow`), and supporting mechanisms.
 URL: <https://mirror.ctan.org/macros/latex/contrib/shadow>
 PKG-URL: <https://ctan.org/pkg/shadow>
- Orlandini, Mauro and George Greenwade. *The daytime package. Print time of day.* 2020-04-11. LICENSE: noinfo. A jiffy to provide macros and to print times, in 12-hour am/pm form (with, and without leading zeros).
 URL: <https://mirror.ctan.org/macros/generic/misc/daytime.sty>
 PKG-URL: <https://ctan.org/pkg/daytime>
- Orlandini, Mauro and Max Hailperin. *The multicolpar package. Put successive paragraphs in different columns.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/multicolpar.sty>
 PKG-URL: <https://ctan.org/pkg/multicolpar>
- Orloff, Jean. *The psbox package. PostScript box macros, etc.* 2016-06-24. Version 1.34. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/psbox>
 PKG-URL: <https://ctan.org/pkg/psbox>
- Ørsted, Sebastian. *The leftindex package. Left indices with better spacing.* 2020-08-31. Version 0.1beta. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/leftindex>
 PKG-URL: <https://ctan.org/pkg/leftindex>
- Ørsted, Sebastian. *The SemanTeX package. Semantic, keyval-based mathematics.* 2022-10-04. Version 0.522. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/semantex>
 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 `\pspicture` are used for graphics. (An older version of the package, which uses the `\picture` environment rather than `\pspicture` 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>
 - *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 ehhlne 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^AT_EX commands.

- URL: <https://mirror.ctan.org/macros/latex/contrib/ehhline>
 PKG-URL: <https://ctan.org/pkg/ehhline>
- *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>
 - *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>
- Paić, 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^AT_EX-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^AT_EX. 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^AT_EX.
 URL: <https://mirror.ctan.org/support/bundledoc>
 PKG-URL: <https://ctan.org/pkg/arlatex>
- *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^AT_EX 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/comicans>
 PKG-URL: <https://ctan.org/pkg/comicans>
 - *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>
 - *The covfonts package*. Make Apostrophic Laboratories’s Covington fonts available to TeX and L^AT_EX. 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^AT_EX.
 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>
- Pakin, Scott. *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^AT_EX. dashrule provides a command, `\dashrule`, which is a cross between L^AT_EX’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^AT_EX 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^AT_EX2e 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 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^AT_EX 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^AT_EX 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>
 - *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>
- Pakin, Scott. *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, , 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^AT_EX command definitions.* 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple -style commands, in L^AT_EX, 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 perltex package. Define L^AT_EX macros in terms of Perl code.* 2019-09-23. Version 2.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/perltex>
 PKG-URL: <https://ctan.org/pkg/perltex>
 - *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^AT_EX/dvips and pdfLaTeX.* 2016-06-24. Version 1.1. LICENSE: lppl

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 PKG-URL: <https://ctan.org/pkg/purifyeps>
- *The repltext package*. Control how text gets copied from a PDF file. 2020-09-25. Version 1.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/repltext>
 PKG-URL: <https://ctan.org/pkg/repltext>
 - *The savetrees package*. Optimise the use of each page of a L^AT_EX document. 2016-06-24. Version 2.4. LICENSE: lpl1.3
 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: lpl. 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^AT_EX to break lines at space characters.
 URL: <https://mirror.ctan.org/macros/latex/contrib/spverbatim>
 PKG-URL: <https://ctan.org/pkg/spverbatim>
 - *The Comprehensive L^AT_EX Symbol List package*. Symbols accessible from L^AT_EX. 2021-05-06. Version 14.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/info/symbols/comprehensive>
 - *The threadcol package*. Organize document columns into PDF “article thread”. 2016-06-24. Version 1.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/threadcol>
 PKG-URL: <https://ctan.org/pkg/threadcol>
- Pakin, Scott. *The uiucborder package*. Class for UIUC thesis red-bordered forms. 2016-06-24. Version 1.00. LICENSE: lpl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
 PKG-URL: <https://ctan.org/pkg/uiucborder>
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 URL: <https://mirror.ctan.org/info/visualfaq>
 PKG-URL: <https://ctan.org/pkg/visualFAQ>
 - *The wheretotrim package*. Assist in reducing L^AT_EX document page counts. 2016-06-24. Version 1.0. LICENSE: lpl1.3
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 PKG-URL: <https://ctan.org/pkg/bangtex>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
 PKG-URL: <https://ctan.org/pkg/suthesis>

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 URL: <https://mirror.ctan.org/info/lshort/estonian>
 PKG-URL: <https://ctan.org/pkg/lshort-estonian>
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 URL: <https://mirror.ctan.org/graphics/mol2chemfig>
 PKG-URL: <https://ctan.org/pkg/mol2chemfig>
- *The pdfpreview package. Annotate PDF files with margin notes*. 2019-02-22. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/pdfpreview>
 PKG-URL: <https://ctan.org/pkg/pdfpreview>
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 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/Ultra-TeX>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/frege>
 PKG-URL: <https://ctan.org/pkg/frege>
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 PKG-URL: <https://ctan.org/pkg/lmake>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
 PKG-URL: <https://ctan.org/pkg/wnri-latex>
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 URL: <https://mirror.ctan.org/language/bengali/pandey>
 PKG-URL: <https://ctan.org/pkg/bengali-pandey>

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 PKG-URL: <https://ctan.org/pkg/cm-unicode>
- Pantieri, Lorenzo. *The ArsClassica package. A different view of the ClassicThesis package*. 2017-10-31. LICENSE: lpl. 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cascade>
 PKG-URL: <https://ctan.org/pkg/cascade>
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 PKG-URL: <https://ctan.org/pkg/nicematrix>
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 PKG-URL: <https://ctan.org/pkg/piton>
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 PKG-URL: <https://ctan.org/pkg/witharrows>
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 URL: <https://mirror.ctan.org/fonts/futhorc>
 PKG-URL: <https://ctan.org/pkg/futhorc>
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 PKG-URL: <https://ctan.org/pkg/ametsoc>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/bodegraph>
 PKG-URL: <https://ctan.org/pkg/bodegraph>
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 PKG-URL: <https://ctan.org/pkg/grafcet>
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 PKG-URL: <https://ctan.org/pkg/schemabloc>
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 PKG-URL: <https://ctan.org/pkg/Latex2Nemeth>

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 PKG-URL: <https://ctan.org/pkg/literaturnaya>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cals>
 PKG-URL: <https://ctan.org/pkg/cals>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/parades>
 PKG-URL: <https://ctan.org/pkg/parades>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>
 PKG-URL: <https://ctan.org/pkg/pictex2>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/braille>
 PKG-URL: <https://ctan.org/pkg/braille>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bibleref-lds>
 PKG-URL: <https://ctan.org/pkg/bibleref-lds>
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 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: lpl1.3c
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 URL: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
 PKG-URL: <https://ctan.org/pkg/numerica-plus>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/numerica-tables>
 PKG-URL: <https://ctan.org/pkg/numerica-tables>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/begrieff>
 PKG-URL: <https://ctan.org/pkg/begrieff>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/sfarticle>
 PKG-URL: <https://ctan.org/pkg/sfarticle>
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 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>
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 PKG-URL: <https://ctan.org/pkg/pas-cv>
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 PKG-URL: <https://ctan.org/pkg/aai>
- *The aai-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/aai-named.bst>
 PKG-URL: <https://ctan.org/pkg/aai-named>
 - *The ijcai89 package. Format papers for IJCAI 1989*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
 PKG-URL: <https://ctan.org/pkg/pixelart>
- Paternault, Louis. *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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/thalie>
 PKG-URL: <https://ctan.org/pkg/thalie>
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 URL: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
 PKG-URL: <https://ctan.org/pkg/bibfile-reformat-pages>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
 PKG-URL: <https://ctan.org/pkg/tree-dvips>
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 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>
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 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>
- Pedersen, Bjørn. *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^AT_EX 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>
 - *The show2e package. Variants of \show for L^AT_EX2e.* 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^AT_EX2e 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>
- Pégourié-Gonnard, Manuel. *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^AT_EX 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: lpp1.3
 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: lpp1.3c
 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: lpp1
 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^AT_EX.* 2022-09-15. Version 1.05.
 LICENSE: lpp1.3c
 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^AT_EX.* 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>
- Penninga, Marc. *The truetypemetrics package. Metrics for some TrueType font families.* 2016-06-24. LICENSE: lpp1
 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^AT_EX, 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: lpp1
 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^AT_EX 2e, 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>
- *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>
- Pfennig, Frank. *The schedule209 package. Typeset schedules*. 2016-09-25. LICENSE: noinfo. The package implements a document style which enables the user to construct diagrams showing the planned progress of projects, etc. This package seems unrelated to the package written for use with L^AT_EX 2e. The two packages provide very similar facilities, but the present package's use of PostScript features (for shading schedule entry backgrounds) is entirely ad hoc.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/schedule.sty>
 PKG-URL: <https://ctan.org/pkg/schedule209>
- Pfister, Wilfried. *The lifia-th package. A thesis class for LIFIA, Grenoble*. 2016-06-24. Version 2.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/latex/contrib/lifia-th>
 PKG-URL: <https://ctan.org/pkg/lifia-th>
- Phan, Anthony. *The m3D package. Extension of plain MetaPost for 3D graphics*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/m3D>
 PKG-URL: <https://ctan.org/pkg/m3D>
- *The mathabx package. Three series of mathematical symbols*. 2017-04-18. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/mathabx>
 PKG-URL: <https://ctan.org/pkg/mathabx>
 - *The mbboard package. Comprehensive blackboard bold fonts*. 2016-06-24. Version 0.4. LICENSE: knuth
 URL: <https://mirror.ctan.org/fonts/mbboard>
 PKG-URL: <https://ctan.org/pkg/mbboard>
- Piaw, Na Choon. *The scmac package. Typeset scripts with Plain TeX*. 2016-06-18. Version 2.02. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/scmac202.tex>
 PKG-URL: <https://ctan.org/pkg/scmac>
- Piazzai, Michele. *The beamertheme-arguelles package. Simple, typographic beamer theme*. 2022-06-22. Version 1.2.2. LICENSE: mit. Argüelles is a beamer theme that helps you create beautiful presentations. It aims for simplicity and readability by following best practices of graphic design. The layout is elegant

- but subtle, so as to keep the audience’s attention on your content. This is brought to life by , one of the 53 Fonts of the Decade selected by the Association Typographique Internationale (2011).
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-arguelles>
 PKG-URL: <https://ctan.org/pkg/beamertheme-arguelles>
- *The opencolor package. Simple use of the Open Color colors.* 2022-09-24. Version 1.0.0. LICENSE: mit. This package that provides hexadecimal color definitions of the 130 colors included in the library.
 URL: <https://mirror.ctan.org/macros/latex/contrib/opencolor>
 PKG-URL: <https://ctan.org/pkg/opencolor>
- Pichaureau, Paul. *The exercise package. Typeset exercises, problems, etc. and their answers.* 2016-06-24. Version 1.6. LICENSE: gpl2
 URL: <https://mirror.ctan.org/macros/latex/contrib/exercise>
 PKG-URL: <https://ctan.org/pkg/exercise>
- *The mathdesign package. Mathematical fonts to fit with particular text fonts.* 2016-06-24. Version 2.31. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/mathdesign>
 PKG-URL: <https://ctan.org/pkg/mathdesign>
 - *The Winfonts package. Use fonts distributed with Windows XP.* 2016-06-24. Version 1.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/winfonts>
 PKG-URL: <https://ctan.org/pkg/Winfonts>
- Pieffel, Michael. *The lgrind package. Produce beautiful listings of source code with L^AT_EX.* 2016-06-24. Version 3.67. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/support/lgrind>
 PKG-URL: <https://ctan.org/pkg/lgrind>
- Pieper, Johannes, Johannes Kuhaupt, and André Hilbig. *The schule package. Support for teachers at German schools.* 2021-08-10. Version 0.8.3. LICENSE: lppl1.3. The ‘schule’ bundle was built to provide packages and commands that could be useful for documents in German schools. At the moment its main focus lies on documents for informatics as a school subject. An extension for physics is currently in progress. Extensions for other subjects are welcome. For the time being, the whole package splits up into individual packages for informatics (including syntax diagrams, Nassi–Shneiderman diagrams, sequence diagrams, object diagrams, and class diagrams) as well as classes for written exams (tests, quizzes, teaching observations, information sheets, worksheets, and answer keys).
 URL: <https://mirror.ctan.org/macros/latex/contrib/schule>
 PKG-URL: <https://ctan.org/pkg/schule>
- *The syntaxdi package. Create “railroad” syntax diagrams.* 2020-10-19. Version 0.8.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
 PKG-URL: <https://ctan.org/pkg/syntaxdi>
- Pierquet, Cédric. *The ProFlycee package. A L^AT_EX package for French maths teachers in high school.* 2022-10-07. Version 1.3.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
 PKG-URL: <https://ctan.org/pkg/ProFlycee>
- Pieters, Olivier. *The dynamicnumber package. Dynamically typeset numbers and values in L^AT_EX through “symbolic links”.* 2017-04-18. Version 0.1.3. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
 PKG-URL: <https://ctan.org/pkg/dynamicnumber>
- *The limecv package. A (Xe/Lua)LaTeX document class for curriculum vitæ.* 2021-12-01. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)LaTeX document class to write curriculum vitæ. It is designed with the

- following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.
- URL: <https://mirror.ctan.org/macros/latex/contrib/limecv>
 PKG-URL: <https://ctan.org/pkg/limecv>
- Pietro, Anthony Di. *The uwa-colours package. The colour palette of The University of Western Australia.* 2021-09-14. Version 1.0.0. LICENSE: lppl1.3. This package uses the package to define macros for the colour palette of The University of Western Australia.
 URL: <https://mirror.ctan.org/macros/latex/contrib/uwa-colours>
 PKG-URL: <https://ctan.org/pkg/uwa-colours>
- *The uwa-letterhead package. The letterhead of the University of Western Australia.* 2021-09-28. Version 1.0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-letterhead>
 PKG-URL: <https://ctan.org/pkg/uwa-letterhead>
 - *The uwa-pcf package. A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia.* 2021-09-29. Version 1.0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
 PKG-URL: <https://ctan.org/pkg/uwa-pcf>
 - *The uwa-pif package. A Participant Information Form (PIF) for a human research protocol at the University of Western Australia.* 2021-09-29. Version 1.0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pif>
 PKG-URL: <https://ctan.org/pkg/uwa-pif>
- Pietsch, Hannes. *The csvtolatex package. Link spread sheets to L^AT_EX.* 2016-06-24. Version 1.3. LICENSE: gpl3
 URL: <https://mirror.ctan.org/support/csvtolatex>
 PKG-URL: <https://ctan.org/pkg/csvtolatex>
- Piff, Mike. *The piff-ams package. Early macros for using AMS fonts.* 2018-01-06. Version 3.16. LICENSE: other-nonfree. This package was created (in its present form) after the advent of L^AT_EX 2e, but before the corresponding macros from the AMS itself had arrived. Those macros are now part of the standard L^AT_EX distribution as part of .
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/piff-ams>
 PKG-URL: <https://ctan.org/pkg/piff-ams>
- Piff, Mike and David Carlisle. *The piff package. Macro tools by Mike Piff.* 2018-09-13. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/piff>
 PKG-URL: <https://ctan.org/pkg/piff>
- Piff, Mike, Robin Fairbairns, and David Carlisle. *The corrects package. Macros for marking correction sheets.* 2018-09-15. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/corrects>
 PKG-URL: <https://ctan.org/pkg/corrects>
- *The duplicat package. Make duplicate page numbers distinct.* 2018-09-13. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/piff/duplicat.sty>
 PKG-URL: <https://ctan.org/pkg/duplicat>
 - *The newproof package. Make commands to define proofs.* 2018-09-13. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/piff/newproof.sty>
 PKG-URL: <https://ctan.org/pkg/newproof>
 - *The onepagem package. If the document has only one page, omit page number.* 2018-09-13. Version 1.01a. LICENSE: pd

- URL: <https://mirror.ctan.org/macros/latex/contrib/piff/onepagem.sty>
 PKG-URL: <https://ctan.org/pkg/onepagem>
- *The textmerg package. Merge text in TeX and L^AT_EX.* 2018-09-15. Version 2.01. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/textmerg>
 PKG-URL: <https://ctan.org/pkg/textmerg>
 - *The time package. Defines a macro \now to print the current time.* 2018-09-13. Version 1.0a. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/piff/time.sty>
 PKG-URL: <https://ctan.org/pkg/time>
- Piff, Mike and Philip G. Ratcliffe. *The tensor package. Typeset tensors.* 2016-06-24. Version 2.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/tensor>
 PKG-URL: <https://ctan.org/pkg/tensor>
- Pighin, Daniele. *The tikz-dependency package. A library for drawing dependency graphs.* 2018-02-07. Version 1.2. LICENSE: lppl,gpl2
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-dependency>
 PKG-URL: <https://ctan.org/pkg/tikz-dependency>
- Pignatelli, Gianluca. *The CCLicenses package. Typeset Creative Commons licence logos.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ccllicenses>
 PKG-URL: <https://ctan.org/pkg/CCLicenses>
- *The combelow package. Typeset "comma-below" letters, as in Romanian.* 2016-06-24. Version 0.99f. LICENSE: lppl1.3. The package defines a command that positions a comma below a letter, as required (for example) in Romanian typesetting. The command is robust, but interferes with hyphenation.
 URL: <https://mirror.ctan.org/macros/latex/contrib/combelow>
 PKG-URL: <https://ctan.org/pkg/combelow>
- Pilzecker, Markus. *The cm-mf-opt-kern package. Improve the kerning of CM fonts.* 2016-06-24. LICENSE: noinfo
 URL: https://mirror.ctan.org/fonts/cm/mf_optimized_kerning
 PKG-URL: <https://ctan.org/pkg/cm-mf-opt-kern>
- *The mpdinbrief package. An enhanced version of dinbrief.* 2016-06-24. Version 1.66. LICENSE: nosell. A minor enhancement of , implementing (as its parent package does) the letter layout rules of DIN (Deutsches Institut für Normung, German standardisation institute).
 URL: <https://mirror.ctan.org/macros/latex/contrib/mpdinbrief>
 PKG-URL: <https://ctan.org/pkg/mpdinbrief>
- Pind, Jörgen. *The icelandic package. Icelandic Fonts.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/icelandic>
 PKG-URL: <https://ctan.org/pkg/icelandic>
- *The ishyph package. Hyphenation patterns for Icelandic.* 2016-11-05. LICENSE: other-free. These patterns are supposedly based on the encoding of the 'Icelandic Roman' fonts, so are probably of little use nowadays without some translation process; the is probably a better bet, nowadays.
 URL: <https://mirror.ctan.org/language/hyphenation/ishyph.tex>
 PKG-URL: <https://ctan.org/pkg/ishyph>
- Pind, Jörgen and Marteinn Sverrisson. *The icehyph package. Icelandic hyphenation patterns.* 2016-11-05. LICENSE: lppl. Hyphenation patterns for Icelandic; apparently designed for a modern encoding (by contrast with , whose encoding is not apparently published).
 URL: <https://mirror.ctan.org/language/hyphenation/icehyph.tex>
 PKG-URL: <https://ctan.org/pkg/icehyph>

- Pinson, Raphaël. *The babylonianum package. Typeset Babylonian numerals with XeTeX*. 2016-06-24. Version 0.5. LICENSE: lppl1.3. The package typesets Babylonian numerals, using XeTeX or LuaTeX. It makes use of the Santakku Paleo-Babylonian font, which may be downloaded at .
 URL: <https://mirror.ctan.org/macros/xetex/latex/babylonianum>
 PKG-URL: <https://ctan.org/pkg/babylonianum>
- *The fancytabs package. Fancy page border tabs*. 2016-06-27. Version 1.9. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/fancytabs>
 PKG-URL: <https://ctan.org/pkg/fancytabs>
 - *The fontbook package. Generate a font book*. 2016-06-24. Version 0.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/xetex/latex/fontbook>
 PKG-URL: <https://ctan.org/pkg/fontbook>
 - *The impnatty package. Support typography of l’Imprimerie Nationale Française*. 2019-03-04. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/impnatty>
 PKG-URL: <https://ctan.org/pkg/impnatty>
 - *The moderntimeline package. Timelines for use with moderncv*. 2020-06-11. Version 0.11. LICENSE: lppl1.3. The package provides commands to configure and to draw time line diagrams; such diagrams are designed to fit into documents written using the class.
 URL: <https://mirror.ctan.org/macros/latex/contrib/moderntimeline>
 PKG-URL: <https://ctan.org/pkg/moderntimeline>
 - *The nowidow package. Avoid widows*. 2018-01-31. Version 1.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/nowidow>
 PKG-URL: <https://ctan.org/pkg/nowidow>
- Pinson, Raphaël. *The scrjrn1 package. Typeset diaries or journals*. 2016-06-24. Version 0.1. LICENSE: lppl1.3. A class, based on , designed for typesetting diaries, journals or devotionals.
 URL: <https://mirror.ctan.org/macros/latex/contrib/scrjrn1>
 PKG-URL: <https://ctan.org/pkg/scrjrn1>
- Piotrowski, Michael. *The mapcodes package. Support for multiple character sets and encodings*. 2019-06-21. Version 1.04. LICENSE: other-nonfree. Mapcodes is an early package covering the same ground as the standard L^AT_EX . It provides for input in ISO Latin-1 and -2, IBM codepages 850 and 852, and HP, Macintosh and Atari encodings.
 URL: <https://mirror.ctan.org/macros/latex/contrib/mapcodes>
 PKG-URL: <https://ctan.org/pkg/mapcodes>
- Píška, Karel. *The indic-type1 package. Indic Type 1 fonts converted from public Metafont sources*. 2020-06-07. Version 2.05a. LICENSE: gpl2
 URL: <https://mirror.ctan.org/fonts/ps-type1/indic>
 PKG-URL: <https://ctan.org/pkg/indic-type1>
- Pitt, François and Jesse Knight. *The ut-thesis package. University of Toronto thesis style*. 2022-06-21. Version 3.1.6. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/ut-thesis>
 PKG-URL: <https://ctan.org/pkg/ut-thesis>
- Pittman, John E. *The cellular package. Cellular table construction*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/cellular>
 PKG-URL: <https://ctan.org/pkg/cellular>
- Pittman, John E. and Neil Burleson. *The declare package. Declare register names locally*. 2019-09-28. LICENSE: noinfo

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 PKG-URL: <https://ctan.org/pkg/tinyc2l>
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 PKG-URL: <https://ctan.org/pkg/windvi>
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 PKG-URL: <https://ctan.org/pkg/pgf-cmykshadings>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/scripture>
 PKG-URL: <https://ctan.org/pkg/scripture>
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 PKG-URL: <https://ctan.org/pkg/DCPic>

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

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 PKG-URL: <https://ctan.org/pkg/ibm>
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 PKG-URL: <https://ctan.org/pkg/lwc-examples>
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 PKG-URL: <https://ctan.org/pkg/ot2cyr>
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 PKG-URL: <https://ctan.org/pkg/palatino-nfss>
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 PKG-URL: <https://ctan.org/pkg/passivetex>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/objectz>
 PKG-URL: <https://ctan.org/pkg/objectz>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/textfit>
 PKG-URL: <https://ctan.org/pkg/textfit>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mltex>
 PKG-URL: <https://ctan.org/pkg/mltex-ltx>
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 PKG-URL: <https://ctan.org/pkg/mab2bib>
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 PKG-URL: <https://ctan.org/pkg/multiple-choice>
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- URL: <https://mirror.ctan.org/macros/latex/contrib/leading>
 PKG-URL: <https://ctan.org/pkg/leading>
- *The minibox package*. A simple type of box for L^AT_EX. 2016-06-24. Version 0.2a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/minibox>
 PKG-URL: <https://ctan.org/pkg/minibox>
 - *The mlist package*. Logical markup for lists. 2016-06-24. Version 0.6a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/mlist>
 PKG-URL: <https://ctan.org/pkg/mlist>
 - *The pracjourn package*. Typeset articles for PracT_EX. 2021-08-26. Version 0.4n. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/pracjourn>
 PKG-URL: <https://ctan.org/pkg/pracjourn>
 - *The realscripts package*. Access OpenType subscript and superscript glyphs. 2020-09-26. Version 0.3d. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/realscripts>
 PKG-URL: <https://ctan.org/pkg/realscripts>
 - *The subdepth package*. Unify maths subscript height. 2016-06-24. Version 0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/subdepth>
 PKG-URL: <https://ctan.org/pkg/subdepth>
 - *The trimspaces package*. Trim spaces around an argument or within a macro. 2016-06-24. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/trimspaces>
 PKG-URL: <https://ctan.org/pkg/trimspaces>
- Robertson, Will. *The vwcol package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment () for typesetting multicolumn paragraph text of various column widths on a single page.
 URL: <https://mirror.ctan.org/macros/latex/contrib/vwcol>
 PKG-URL: <https://ctan.org/pkg/vwcol>
- *The XeTeXref package*. Reference documentation of XeT_EX. 2020-08-30. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/info/xetexref>
 PKG-URL: <https://ctan.org/pkg/XeTeXref>
 - *The xltextra package*. “Extras” for L^AT_EX users of XeT_EX. 2020-09-26. Version 0.7. LICENSE: lppl1.3c. This package was previously used to provide a number of features that were useful for typesetting documents with X_YL^AT_EX. Many of those features have now been incorporated into the package and other packages, but the package persists for backwards compatibility. Nowadays, loading will: load the , , and packages; redefine so it works correctly; and define two extra commands: and .
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
 PKG-URL: <https://ctan.org/pkg/xltextra>
- Robertson, Will and Kevin Godby. *The hardwrap package*. Hard wrap text to a certain character length. 2018-01-06. Version 0.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
 PKG-URL: <https://ctan.org/pkg/hardwrap>
- Robertson, Will and Johannes Große. *The ifplatform package*. Conditionals to test which platform is being used. 2017-12-07. Version 0.4a. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
 PKG-URL: <https://ctan.org/pkg/ifplatform>

- Robertson, Will and Khaled Hosny. *The unicode-math package. Unicode mathematics support for XeTeX and LuaTeX*. 2021-08-26. Version 0.8q. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
 PKG-URL: <https://ctan.org/pkg/unicode-math>
- Robertson, Will and Zebb Prime. *The pstool package. Support for psfrag within pdfLaTeX*. 2018-01-20. Version 1.5e. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/pstool>
 PKG-URL: <https://ctan.org/pkg/pstool>
- Robertson, Will, Élie Roux, and Khaled Hosny. *The EUenc package. Unicode font encoding definitions for XeTeX*. 2016-10-08. Version 0.1h. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/euenc>
 PKG-URL: <https://ctan.org/pkg/EUenc>
- Robertson, Will and The LaTeX Project Team. *The fontspec package. Advanced font selection in XeTeX and LuaLaTeX*. 2022-05-18. Version 2.8a. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/fontspec>
 PKG-URL: <https://ctan.org/pkg/fontspec>
- Robertson, Will and Peter R. Wilson. *The abstract package. Control the typesetting of the abstract environment*. 2016-06-24. Version 1.2a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/abstract>
 PKG-URL: <https://ctan.org/pkg/abstract>
- *The anonchap package. Make chapters be typeset like sections*. 2016-06-24. Version 1.1a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/anonchap>
 PKG-URL: <https://ctan.org/pkg/anonchap>
- Robertson, Will and Peter R. Wilson. *The appendix package. Extra control of appendices*. 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.
 URL: <https://mirror.ctan.org/macros/latex/contrib/appendix>
 PKG-URL: <https://ctan.org/pkg/appendix>
- *The bez123 package. Support for Bezier curves*. 2016-06-24. Version 1.1b. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/bez123>
 PKG-URL: <https://ctan.org/pkg/bez123>
- *The booklet package. Aids for printing simple booklets*. 2016-06-24. Version 0.7b. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/booklet>
 PKG-URL: <https://ctan.org/pkg/booklet>
- *The ccaption package. Continuation headings and legends for floats*. 2016-06-24. Version 3.2c. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ccaption>
 PKG-URL: <https://ctan.org/pkg/ccaption>
- *The changepage package. Margin adjustment and detection of odd/even pages*. 2016-06-24. Version 1.0c. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/changepage>
 PKG-URL: <https://ctan.org/pkg/changepage>

- *The chngcntr package. Change the resetting of counters.* 2018-04-10. Version 1.1a. LICENSE: lppl. Defines commands (which sets up a counter to be reset when another is incremented) and (which unsets such a relationship).
URL: <https://mirror.ctan.org/macros/latex/contrib/chngcntr>
PKG-URL: <https://ctan.org/pkg/chngcntr>
- *The chngpage package. Change the page layout in the middle of a document.* 2016-06-24. Version 1.2b. LICENSE: lppl1.3. The package provides broadly similar functionality to , with which it is distributed. It is, however, considered obsolete, and should not be used in new documents.
URL: <https://mirror.ctan.org/macros/latex/contrib/change page>
PKG-URL: <https://ctan.org/pkg/chngpage>
- *The combine package. Bundle individual documents into a single document.* 2016-06-24. Version 0.7a. LICENSE: lppl1.3. The combine class lets you bundle individual documents into a single document, such as when preparing a conference proceedings. The auxiliary combinat package puts the titles and authors from commands into the main document’s Table of Contents. The package cooperates with the and packages.
URL: <https://mirror.ctan.org/macros/latex/contrib/combine>
PKG-URL: <https://ctan.org/pkg/combine>
- *The docmfp package. Document non-LaTeX code.* 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non-LaTeX code, such as Metafont or MetaPost, or other programming languages.
URL: <https://mirror.ctan.org/macros/latex/contrib/docmfp>
PKG-URL: <https://ctan.org/pkg/docmfp>
- Robertson, Will and Peter R. Wilson. *The epigraph package. A package for typesetting epigraphs.* 2020-04-23. Version 1.5e. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/epigraph>
PKG-URL: <https://ctan.org/pkg/epigraph>
- *The fonttable package. Print font tables from a L^AT_EX document.* 2017-07-14. Version 1.6c. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/fonttable>
PKG-URL: <https://ctan.org/pkg/fonttable>
- *The hanging package. Hanging paragraphs.* 2016-06-24. Version 1.2b. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/hanging>
PKG-URL: <https://ctan.org/pkg/hanging>
- *The hyphenat package. Disable/enable hyphenation.* 2016-06-24. Version 2.3c. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>
PKG-URL: <https://ctan.org/pkg/hyphenat>
- *The ifmtarg package. If-then-else command for processing potentially empty arguments.* 2018-04-16. Version 1.2b. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>
PKG-URL: <https://ctan.org/pkg/ifmtarg>
- *The layouts package. Display various elements of a document’s layout.* 2016-06-24. Version 2.6d. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/layouts>
PKG-URL: <https://ctan.org/pkg/layouts>
- *The makecmds package. The new \makecommand command always (re)defines a command.* 2016-06-24. LICENSE: lppl. The package provides a command, which is like except it always (re)defines a command. There is also and for environments.

- URL: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
 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>
 PKG-URL: <https://ctan.org/pkg/midpage>
 - *The needspace package. Insert pagebreak if not enough space.* 2016-06-24. Version 1.3d. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/needspace>
 PKG-URL: <https://ctan.org/pkg/needspace>
 - *The newfile package. User level management of L^AT_EX input and output.* 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by TeX. The so provided are mapped to various of the L^AT_EX input and output mechanisms. Some facilities of the package are also mapped.
 URL: <https://mirror.ctan.org/macros/latex/contrib/newfile>
 PKG-URL: <https://ctan.org/pkg/newfile>
 - *The nextpage package. Generalisations of the page advance commands.* 2016-07-17. Version 1.1a. LICENSE: lppl. Provides variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
 PKG-URL: <https://ctan.org/pkg/nextpage>
- Robertson, Will and Peter R. Wilson. *The pagenote package. Notes at end of document.* 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
 PKG-URL: <https://ctan.org/pkg/pagenote>
- *The romannum package. Generate roman numerals instead of arabic digits.* 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes L^AT_EX generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.
 URL: <https://mirror.ctan.org/macros/latex/contrib/romannum>
 PKG-URL: <https://ctan.org/pkg/romannum>
 - *The stdclsdv package. Provide sectioning information for package writers.* 2016-06-24. Version 1.1a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
 PKG-URL: <https://ctan.org/pkg/stdclsdv>
 - *The titling package. Control over the typesetting of the \maketitle command.* 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the , and information permanently available. Multiple titles are allowed in a single document. New titling elements can be added and a titlepage title can be centered on a physical page.
 URL: <https://mirror.ctan.org/macros/latex/contrib/titling>
 PKG-URL: <https://ctan.org/pkg/titling>
 - *The tocibind package. Add bibliography/index/contents to Table of Contents.* 2016-06-24. Version 1.5k. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/tocibind>
 PKG-URL: <https://ctan.org/pkg/tocibind>
 - *The tocloft package. Control table of contents, figures, etc.* 2020-01-10. Version 2.3j. LICENSE: lppl1.3c. Provides control over the typography of the Table of Contents, List of Figures and List of Tables, and

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

- Rochford, Peter A. *The navydocs package. Support for Technical Reports by US Navy Organizations*. 2016-07-13. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
 PKG-URL: <https://ctan.org/pkg/navydocs>
- Roderick, David. *The binomexp package. Calculate Pascal's triangle*. 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/binomexp>
 PKG-URL: <https://ctan.org/pkg/binomexp>
- Rødland, Einar Andreas. *The TeXcount package. Count words in a L^AT_EX document*. 2018-10-28. Version 3.1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/support/texcount>
 PKG-URL: <https://ctan.org/pkg/TeXcount>
- Rodrigues, Vinicius Barros. *The ecothesis package. LaTeX thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
 PKG-URL: <https://ctan.org/pkg/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidian geometry with PSTricks*. 2020-09-29. Version 1.75. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using TeX macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
 PKG-URL: <https://ctan.org/pkg/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/fonts/emerald>
 PKG-URL: <https://ctan.org/pkg/emerald>
- Roegel, Denis B. *The aeguill package. Add several kinds of guillemets to the ae fonts*. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.
 URL: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
 PKG-URL: <https://ctan.org/pkg/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues' Easter nomogram*. 2021-08-26. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>
 PKG-URL: <https://ctan.org/pkg/garrigues>
 - *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/genealogy>
 PKG-URL: <https://ctan.org/pkg/genealogy>
 - *The metaobj package. MetaPost package providing high-level objects*. 2016-06-24. Version 0.93. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metaobj>
 PKG-URL: <https://ctan.org/pkg/metaobj>
 - *The pi package. Calculate pi*. 2019-10-01. Version 0.993. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/pi.tex>
 PKG-URL: <https://ctan.org/pkg/pi>

- *The suanpan package. MetaPost macros for drawing Chinese and Japanese abaci.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/suanpan>
 PKG-URL: <https://ctan.org/pkg/suanpan>
- *The threed package. 3D animations.* 2016-06-24. Version 1.34. LICENSE: lppl. Create animations of 3-dimensional objects (such as polyhedra) in .
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mp3d>
 PKG-URL: <https://ctan.org/pkg/threed>
- *The truchet package. Truchet tiling in MetaPost.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/truchet>
 PKG-URL: <https://ctan.org/pkg/truchet>
- Roegel, Denis B. and Andrej Brodnik. *The ipa package. LaTeX macros for using WSUIPA fonts.* 2019-06-21. Version 1.0. LICENSE: noinfo. The package comprises alternative L^AT_EX support of the fonts. On CTAN (and in the TeX Live distribution), these macros are to be found with the fonts themselves.
 URL: <https://mirror.ctan.org/fonts/wsuiipa>
 PKG-URL: <https://ctan.org/pkg/ipa>
- Rogalla, Michael. *The REdit package. Menu-based editor.* 2016-06-24. Version 2.10. LICENSE: nocommercial
 URL: <https://mirror.ctan.org/support/redit>
 PKG-URL: <https://ctan.org/pkg/REdit>
- Rogard, Erwann. *The ccool package. A key-value document command parser.* 2021-09-24. Version 3.2. LICENSE: lppl1.3c. This package provides a key-value interface, , on top of xparse’s document command parser. Global options control input processing and its expansion. By default, they are set to meet likely requirements, depending on context: the selected language, and which of text and math mode is active. These options can be overridden inline. This versatility could find its use, for example, to encode notational conventions (such as \rightarrow) at the point where they are introduced in the document (“Let R denote real numbers”). Polymorphic commands can be generated by parameterizing the keys (for instance, one parameter value for style, another for a property). User input to can optionally be serialized. This can be useful for typesetting documents sharing the same notation.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ccool>
 PKG-URL: <https://ctan.org/pkg/ccool>
- *The clistmap package. Map and iterate over L^AT_EX3 clists.* 2022-02-08. Version 1.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/clistmap>
 PKG-URL: <https://ctan.org/pkg/clistmap>
- *The erw-13 package. Utilities based on L^AT_EX3.* 2022-01-29. Version 4.2. LICENSE: lppl1.3c. Utilities based on L^AT_EX3. Highlight: .
 URL: <https://mirror.ctan.org/macros/latex/contrib/erw-13>
 PKG-URL: <https://ctan.org/pkg/erw-13>
- *The keyparse package. Key based parser.* 2021-08-20. Version 1.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/keyparse>
 PKG-URL: <https://ctan.org/pkg/keyparse>
- *The lambdax package. Use Lambda expression within L^AT_EX.* 2021-08-20. Version 1.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/lambdax>
 PKG-URL: <https://ctan.org/pkg/lambdax>
- *The oops package. A framework for making definitions, typically mathematical, inline.* 2020-04-16. Version 1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/oops>
 PKG-URL: <https://ctan.org/pkg/oops>

- Rogers, Alan. *The apabst package. Early APA BibTeX style*. 2019-12-27. Version 1.1. LICENSE: other-free. This style has been developed elsewhere, notably as part of a comprehensive supporting typesetting to APA standards.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/apa.bst>
 PKG-URL: <https://ctan.org/pkg/apabst>
- *The bbs package. Bibliography style for Behavioral and Brain Sciences*. 2016-06-24. Version 1.1. LICENSE: nocommercial. The style is derived from in the , adopting further features from ; use with the L^AT_EX package that comes with astron.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/bbs.bst>
 PKG-URL: <https://ctan.org/pkg/bbs>
 - *The cbe package. Bibliography style for Council of Biology Editors format*. 2016-06-24. Version 1.1. LICENSE: noinfo
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/cbe.bst>
 PKG-URL: <https://ctan.org/pkg/cbe>
 - *The humanbio package. Bibliography style for "Human Biology"*. 2016-06-24. Version 1.1. LICENSE: nocommercial. A style derived from in the bundle, adopting further features from ; use with the L^AT_EX package that comes with astron.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/humanbio.bst>
 PKG-URL: <https://ctan.org/pkg/humanbio>
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 URL: <https://mirror.ctan.org/graphics/bit2spr>
 PKG-URL: <https://ctan.org/pkg/bit2spr>
- Rowlett, Peter. *The customdice package. Simple commands for drawing customisable dice*. 2022-08-12. Version 1.1. LICENSE: cc-by-sa-4. The package for L^AT_EX, LuaLaTeX and XeTeX that provides functionality for drawing dice. The aim is to provide highly-customisable but simple-to-use commands, allowing:
 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^AT_EX 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: lpl1.3. Typeset footnotes in run-on paragraphs, instead of one above another; this is a re-seating, for the L^AT_EX environment, of an example in the TeXbook. The same basic code, improved for use in -based L^AT_EX, 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>
- Rozhenko, Alexander I. *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^AT_EX’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-L^AT_EX 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/NCC-LATeX>
- *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>
 - *The ncccropmark package. Draw cropmarks on the output page.* 2018-07-03. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/ncccropmark>
 - *The nccfancyhdr package. Extensive control of page headers and footers.* 2018-07-03. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccfancyhdr>
 - *The nccfloats package. Extensions of the L^AT_EX float mechanisms.* 2018-07-03. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccfloats>
- Rozhenko, Alexander I. *The nccfoots package. User-generated footnote marks.* 2018-07-03. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccfoots>
- *The nccmath package. Extended mathematics capabilities.* 2018-07-03. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccmath>
 - *The nccparskip package. Modify skips between paragraphs.* 2018-07-03. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccparskip>
 - *The nccpic package. Extend the graphicx package for more formats.* 2018-09-15. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccpic>
 - *The nccrules package. Compose dashed lines.* 2018-07-03. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccrules>
 - *The nccsect package. A re-implementation of sections, captions and tocs.* 2018-07-03. Version 1.5. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccsect>
 - *The nccstretch package. Insert a stretch between each token of a string.* 2018-07-03. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccstretch>
 - *The nccthm package. Another theorem environment.* 2018-07-03. Version 1.1. LICENSE: lppl. This package's theorems have two distinguishing characteristics. First, theorem numbering uses dynamic counters (specified by using the package, which gives the user considerable flexibility in counting styles. Second, the environment isn't defined as a trivialist (as L^AT_EX theorems are), which gives extra flexibility in using the environment. In addition, parameter definition is explicit and well-organised, and there is a QED-symbol-placing command.

- URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/nccthm>
- *The ncctools package. A collection of general packages for L^AT_EX.* 2019-08-03. Version 3.5.3. LICENSE: lppl.
 The NCCtools bundle contains many packages for general use under L^AT_EX; many are also used by . The bundle includes tools for:
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/ncctools>
 - *The textarea package. Control the text area dynamically.* 2018-07-03. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/textarea>
 - *The tocenter package. Centring (and other) Page Layout.* 2018-07-03. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/tocenter>
 - *The topsection package. An un-numbered top level section.* 2018-07-03. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/topsection>
- Rozhenko, Alexander I. *The watermark package. Draw “watermarks” on the output page.* 2018-07-03. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
 PKG-URL: <https://ctan.org/pkg/watermark>
- Rubin, Paul A. *The decsci package. BibTeX style for the journal Decision Sciences.* 2016-06-24. LICENSE: lppl.
 Generated by .
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/decsci.bst>
 PKG-URL: <https://ctan.org/pkg/decsci>
- Ruckert, Martin. *The hitex package. A TeX extension writing HINT output for on-screen reading.* 2022-06-19. LICENSE: x11
 PKG-URL: <https://ctan.org/pkg/hitex>
- *The web2w package. Converting TeX from WEB to cweb.* 2019-06-21. Version 0.4. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/web/web2w>
 PKG-URL: <https://ctan.org/pkg/web2w>
- Ruedas, Thomas. *The xtrcode package. Extract contents of L^AT_EX environments.* 2016-06-18. Version 0.02. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/xtrcode>
 PKG-URL: <https://ctan.org/pkg/xtrcode>
- Ruedas, Thomas and Keiran Harcombe. *The texdoctk package. Easy access to package documentation.* 2021-06-10. Version 0.6.0. LICENSE: gpl
 PKG-URL: <https://ctan.org/pkg/texdoctk>
- Ruiz, Alejandro Garces. *The bloques package. Generate control diagrams.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package uses to provide commands for generating control diagrams (specially in power electronics).
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/bloques>
 PKG-URL: <https://ctan.org/pkg/bloques>
- Ruland, Kevin. *The prettyref package. Make label references “self-identify”.* 2018-01-06. Version 3.0. LICENSE: pd. Prettyref provides a command , which specifies the way in which a reference is typeset, according

- to a label “identification”. The identification is set in the command, by using prefixed label names; so instead of `\label{}`, one uses `\label{identification}`, and `\prettyref` interprets the “” part. The package is compatible with `amstex` and with other packages.
- URL: <https://mirror.ctan.org/macros/latex/contrib/prettyref>
 PKG-URL: <https://ctan.org/pkg/prettyref>
- Rumpf, Adam. *The apalike-ejor package. A BibTeX style file for the European Journal of Operational Research*. 2021-06-21. Version 1.2.0. LICENSE: lppl1.3c. This package contains a BibTeX style file, `apalike-ejor.bst`, made to follow the European Journal of Operational Research reference style guidelines. It is a fork of version 0.99a, by Oren Patashnik, and consists of minor modifications of standard APA style. Among other changes it adds support for hyperlinked URL and DOI fields (which requires `hyperref`).
- URL: <https://mirror.ctan.org/biblio/bibtex/contrib/apalike-ejor>
 PKG-URL: <https://ctan.org/pkg/apalike-ejor>
- Rupperecht, Rainer. *The tex-kurs package. A L^AT_EX (2.09) course in German*. 2016-06-24. LICENSE: noinfo
- URL: <https://mirror.ctan.org/info/german/tex-kurs>
 PKG-URL: <https://ctan.org/pkg/tex-kurs>
- Rutenberg, Guy. *The Sikumuna package. Lyx template for Hebrew article format*. 2016-06-24. Version 1.1. LICENSE: gpl
- URL: <https://mirror.ctan.org/macros/latex/contrib/lyx/sikumuna>
 PKG-URL: <https://ctan.org/pkg/Sikumuna>
- Ruzyczka, Jacek. *The texlogos package. Ready-to-use L^AT_EX logos*. 2016-06-24. Version 1.3.1. LICENSE: lppl
- URL: <https://mirror.ctan.org/macros/latex/contrib/texlogos/texlogos.sty>
 PKG-URL: <https://ctan.org/pkg/texlogos>
- Ryabov, Denis. *The rmathbr package. Repeating of math operator at the broken line and the new line in inline equations*. 2020-12-18. Version 1.1.1. LICENSE: lppl1.3
- URL: <https://mirror.ctan.org/macros/latex/contrib/rmathbr>
 PKG-URL: <https://ctan.org/pkg/rmathbr>
- Rynning, Jan Michael. *The sehyph package. Hyphenation patterns for Swedish*. 2016-06-18. Version 1.0. LICENSE: lppl
- URL: <https://mirror.ctan.org/language/hyphenation/sehyph.tex>
 PKG-URL: <https://ctan.org/pkg/sehyph>
- Ryu, Young. *The pxfonts package. Palatino-like fonts in support of mathematics*. 2016-06-24. LICENSE: gpl
- URL: <https://mirror.ctan.org/fonts/pxfonts>
 PKG-URL: <https://ctan.org/pkg/pxfonts>
- *The theapa package. APA (American Psychology Association) Reference Citation for L^AT_EX*. 2019-12-27. Version 2.5.1. LICENSE: noinfo. Certainly related to the same author’s citation package, but the actual relationship isn’t entirely clear.
- URL: <https://mirror.ctan.org/macros/latex209/contrib/theapa>
 PKG-URL: <https://ctan.org/pkg/theapa>
- *The txfonts package. Times-like fonts in support of mathematics*. 2016-06-24. LICENSE: gpl
- URL: <https://mirror.ctan.org/fonts/txfonts>
 PKG-URL: <https://ctan.org/pkg/txfonts>
- Saar, Enn. *The eehyph package. Hyphenation patterns for the Estonian language*. 2016-12-28. LICENSE: lppl,mit
- URL: <https://mirror.ctan.org/language/hyphenation/eehyph.tex>
 PKG-URL: <https://ctan.org/pkg/eehyph>
- Saba, Diego. *The tabularew package. A variation on the tabular environment*. 2016-06-24. Version 0.1. LICENSE: lppl

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

Sachs, Christian. *The luaimageembed package. Embed images as base64-encoded strings*. 2019-05-01. Version 0.1. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/luatex/latex/luaimageembed>
 PKG-URL: <https://ctan.org/pkg/luaimageembed>

Saint-Pern, Yves de. *The droit-fr package. Document class and bibliographic style for French law*. 2016-07-05. Version 1.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/droit-fr>
 PKG-URL: <https://ctan.org/pkg/droit-fr>

Šakuras, Edgaras, Eimantas Gumbakis, and Djalil Chafaï. *The ejpecp package. Class for EJP and ECP*. 2021-11-04. Version 1.11.3. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/ejpecp>
 PKG-URL: <https://ctan.org/pkg/ejpecp>

Salamon, Adrian. *The tikzcodeblocks package. Helps to draw codeblocks like scratch, NEPO and PXT in TikZ*. 2020-04-06. Version 0.13. LICENSE: lppl1.3c. is a L^AT_EX package for typesetting blockwise graphic programming languages like scratch, nepo or pxt.
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcodeblocks>
 PKG-URL: <https://ctan.org/pkg/tikzcodeblocks>

Salimi, behzad. *The sslides package. Slides with headers and footers*. 2016-06-24. LICENSE: lppl1.3. The class provides a variant of the L^AT_EX standard class, in which the user may add headers and footers to the slide.
 URL: <https://mirror.ctan.org/macros/latex/contrib/sslides>
 PKG-URL: <https://ctan.org/pkg/sslides>

Salomon, Joel C. *The xpeek package. Define commands that peek ahead in the input stream*. 2021-08-26. Version 0.2. LICENSE: lppl1.3. The package provides tools to help define commands that, like and the L^AT_EX command , peek at what follows them in the command stream and choose appropriate behaviour.
 URL: <https://mirror.ctan.org/macros/latex/contrib/xpeek>
 PKG-URL: <https://ctan.org/pkg/xpeek>

Saludes, Jordi. *The knst package. Multiple-guess tests*. 2021-08-26. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/knst>
 PKG-URL: <https://ctan.org/pkg/knst>

Salvato-Vallverdu, Germain. *The tikzorbital package. Atomic and molecular orbitals using TikZ*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzorbital>
 PKG-URL: <https://ctan.org/pkg/tikzorbital>

Salzer, Gernot and Federico Garcia-De Castro. *The subfiles package. Individual typesetting of subfiles of a “main” document*. 2020-11-15. Version 2.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/subfiles>
 PKG-URL: <https://ctan.org/pkg/subfiles>

Samarin, Alexander and Nana Glonti. *The scyrillic package. A family of cyrillic fonts*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/cyrillic/scyrillic>
 PKG-URL: <https://ctan.org/pkg/scyrillic>

Sandmann, Søren. *The scale package. Scale document by sqrt(2) or magstep(2)*. 2016-06-24. Version 1.1.2. LICENSE: gpl. A package to scale a document by sqrt(2) (or by). This is useful if you are preparing a

- document on, for example, A5 paper and want to print on A4 paper to achieve a better resolution.
 URL: <https://mirror.ctan.org/macros/latex/contrib/scale>
 PKG-URL: <https://ctan.org/pkg/scale>
- Sank, Daniel Thomas. *The modular package. Relative section headings for modular documents*. 2017-06-05.
 LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/modular>
 PKG-URL: <https://ctan.org/pkg/modular>
- Santos, Isabelle M. *The TikZ-planets package. Illustrate celestial mechanics and the solar system*. 2020-04-19.
 Version 1.0.2. LICENSE: cc-by-sa-4
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-planets>
 PKG-URL: <https://ctan.org/pkg/TikZ-planets>
- Santos, Vitor. *The kinematikz package. Design kinematic chains and mechanisms*. 2021-09-11. Version 1.0.
 LICENSE: lppl1.3,gpl
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/kinematikz>
 PKG-URL: <https://ctan.org/pkg/kinematikz>
- Saparamadu, Vasantha. *The sinhala package. Support for the Sinhala language*. 2020-03-09. Version 2.1.1.
 LICENSE: gpl
 URL: <https://mirror.ctan.org/language/sinhala>
 PKG-URL: <https://ctan.org/pkg/sinhala>
- Sartori, Alberto and David Lichti. *The embedall package. Embed source files into the generated PDF*. 2019-05-20.
 Version 2.0. LICENSE: lppl1.2. The package provides a means of storing a project, without losing anything. It uses the package to attach to the generated PDF all files used in creating your project. In particular, it can embed images, external TeX files, external codes and
 URL: <https://mirror.ctan.org/macros/latex/contrib/embedall>
 PKG-URL: <https://ctan.org/pkg/embedall>
- Sathyam, Ujwal and Scott A. Prahl. *The rtf2latex2e package. Convert Rich Text Format (RTF) files to L^AT_EX2_ε*. 2016-06-24. Version 2.0.1. LICENSE: gpl. The package converts Rich Text Format (RTF) files to L^AT_EX2_ε, saving any image files it finds. Visual formatting, such as ruler positions, tabs, paragraph indentations, etc., is ignored. Users should expect the L^AT_EX output to need some manual editing; the result is a reproduction of what you see on the WYSIWYG screen.
 URL: <https://mirror.ctan.org/support/rtf2latex2e>
 PKG-URL: <https://ctan.org/pkg/rtf2latex2e>
- Satrapa, Pavel. *The latex-pro-pragmatiky package. LaTeX for pragmatists*. 2016-06-24. Version 1.1. LICENSE: other-free
 URL: <https://mirror.ctan.org/info/czech/latex-pro-pragmatiky>
 PKG-URL: <https://ctan.org/pkg/latex-pro-pragmatiky>
- Saudrais, Eddie. *The esdiff package. Simplify typesetting of derivatives*. 2020-02-11. Version 1.2. LICENSE: lppl1
 URL: <https://mirror.ctan.org/macros/latex/contrib/esdiff>
 PKG-URL: <https://ctan.org/pkg/esdiff>
- *The esint package. Extended set of integrals for Computer Modern*. 2019-08-28. Version 1.2d. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/esint>
 PKG-URL: <https://ctan.org/pkg/esint>
 - *The esvect package. Vector arrows*. 2016-06-24. Version 1.3. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/esvect>
 PKG-URL: <https://ctan.org/pkg/esvect>

- Sauer, Jonathan. *The collect package. Collect text for later re-use*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/collect>
- *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl.
 The package picks up TeX comments in document that are structured according to its rules, and typesets them. Operation is (typically in a separate document).
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/metainfo>
 - *The optparams package. Macros with multiple optional parameters*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/optparams>
 - *The parcolumns package. Multiple column parallel typesetting*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/parcolumns>
- Sauer, Jonathan. *The processkv package. Process key-value pairs*. 2016-06-24. Version 1.0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/processkv>
- *The sauerj package. A bundle of utilities by Jonathan Sauer*. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/sauerj>
 - *The zahl2string package. Format numbers as German words*. 2016-06-24. Version 1.2.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
 PKG-URL: <https://ctan.org/pkg/zahl2string>
- Sauter, John and Jeroen Nijhof. *The sauter package. Wide range of design sizes for CM fonts*. 2016-06-24. Version 2.4. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/cm/sauter>
 PKG-URL: <https://ctan.org/pkg/sauter>
- Saxena, Sanjeev. *The 2in1 package. Print two pages on a single page*. 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/twainone>
 PKG-URL: <https://ctan.org/pkg/2in1>
- Scannell, Kevin P. *The gahyph package. Hyphenation patterns for the Irish language*. 2018-10-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/language/hyphenation/gahyph.tex>
 PKG-URL: <https://ctan.org/pkg/gahyph>
- Scarso, Luigi and Idris Samawi Hamid. *The npp-for-context package. ConTeXt plugin for Notepad++*. 2019-06-21. Version 0.98. LICENSE: noinfo
 URL: <https://mirror.ctan.org/support/npp-for-context>
 PKG-URL: <https://ctan.org/pkg/npp-for-context>
- Scavino, Marco and Ezio Aimé. *The ecgdraw package. Draws electrocardiograms (ECG)*. 2018-01-07. Version 0.1. LICENSE: lppl1.3. This package provides the command which draws electrocardiograms (ECG). The `<code>` represents a series of abbreviations which allow to draw different types of wave.
 URL: <https://mirror.ctan.org/graphics/ecgdraw>
 PKG-URL: <https://ctan.org/pkg/ecgdraw>
- Schaa, Volker RW. *The jacow package. A class for submissions to the proceedings of conferences on JACoW.org*. 2022-04-17. Version 2.7. LICENSE: lppl1.3c. The class is used for submissions to the proceedings of conferences on , an international collaboration that publishes the proceedings of accelerator conferences

- held around the world.
 URL: <https://mirror.ctan.org/macros/latex/contrib/jacow>
 PKG-URL: <https://ctan.org/pkg/jacow>
- Schaber, Spencer D. *The aichej package. Bibliography style file for the AIChE Journal*. 2016-06-24. LICENSE: lpl. The style was generated using , and implements the style of the American Institute of Chemical Engineers Journal (or AIChE Journal or AIChE J or AIChEJ).
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aichej.bst>
 PKG-URL: <https://ctan.org/pkg/aichej>
- Schalück, Elmar. *The loval package. Round-cornered framed boxes*. 2016-06-24. Version 1.1. LICENSE: noinfo. This appears to be an upgrade of the author's package. It certainly performs better than that package; however, it is prone to tedious (and information-free) warning messages.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/loval>
 PKG-URL: <https://ctan.org/pkg/loval>
- Schalück, Elmar. *The oval package. Round-cornered framed boxes*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/oval>
 PKG-URL: <https://ctan.org/pkg/oval>
- *The window package. Create windows in paragraphs*. 2016-06-24. LICENSE: noinfo. The package defines a command that will insert boxed material at a given position within a paragraph.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/window>
 PKG-URL: <https://ctan.org/pkg/window>
- Schandl, Bernd. *The paralist package. Enumerate and itemize within paragraphs*. 2017-01-22. Version 2.7. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/paralist>
 PKG-URL: <https://ctan.org/pkg/paralist>
- Scharrer, Martin. *The adjustbox package. Graphics package-alike macros for “general” boxes*. 2020-08-27. Version 1.3. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
 PKG-URL: <https://ctan.org/pkg/adjustbox>
- *The collcell package. Collect contents of a tabular cell as argument to a macro*. 2020-08-27. Version 0.5. LICENSE: lpl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.
 URL: <https://mirror.ctan.org/macros/latex/contrib/collcell>
 PKG-URL: <https://ctan.org/pkg/collcell>
 - *The collectbox package. Collect and process macro arguments as boxes*. 2020-08-27. Version 0.4b. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
 PKG-URL: <https://ctan.org/pkg/collectbox>
 - *The ctanupload package. Support for users uploading to CTAN*. 2016-06-24. Version 1.2c. LICENSE: gpl3
 URL: <https://mirror.ctan.org/support/ctanupload>
 PKG-URL: <https://ctan.org/pkg/ctanupload>
 - *The currfile package. Provide file name and path of input files*. 2020-09-30. Version 0.7d. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/currfile>
 PKG-URL: <https://ctan.org/pkg/currfile>

- *The easyfig package. Simplifying the use of common figures.* 2020-08-27. Version 1.2a. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
 PKG-URL: <https://ctan.org/pkg/easyfig>
- *The filehook package. Hooks for input files.* 2020-09-29. Version 0.8a. LICENSE: lpl1.3. The package provides several file hooks (, , ...) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .
 URL: <https://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: lpl1.3. 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^AT_EX). It uses the primitive of pdfL^AT_EX 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^AT_EX compiler which uses pdfL^AT_EX 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: lpl1.3
 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^AT_EX.* 2020-08-27. Version 0.2. LICENSE: lpl1.3
 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: lpl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.
 URL: <https://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: lpl1.3. 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^AT_EX2e macros.* 2020-08-27. Version 0.4a. LICENSE: lpl1.3c. This document lists the internal macros defined by the L^AT_EX2e 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: lpl1.3. 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>
 - *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>
- Scharrer, Martin. *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^AT_EX 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^AT_EX 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>
- *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>
- Scharrer, Martin. *The ydoc package. Macros for documentation of L^AT_EX classes and packages.* 2020-08-27. Version 0.6alpha. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/ydoc>
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
URL: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
PKG-URL: <https://ctan.org/pkg/nameauth>
- *The schemata package. Print topical diagrams.* 2021-02-27. Version 1.4. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/generic/schemata>
PKG-URL: <https://ctan.org/pkg/schemata>
- Scheidt, Martin. *The tikz-trackschematic package. A TikZ library for creating track diagrams in railways.* 2022-06-02. Version 0.7.1. LICENSE: isc
URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-trackschematic>
PKG-URL: <https://ctan.org/pkg/tikz-trackschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package. Footnote numbering per page.* 2016-06-24. LICENSE: other-free
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
URL: <https://mirror.ctan.org/systems/win32/miktex>
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>
- Schenk, Stephan. *The chembst package. A collection of BibTeX files for chemistry journals.* 2016-06-24. Version 0.2.5. LICENSE: lppl
URL: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
PKG-URL: <https://ctan.org/pkg/chembst>
- *The chemcompounds package. Simple consecutive numbering of chemical compounds.* 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds.

Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.

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

Scherer, Andreas. *The amiweb2c package. An Amiga port of web2C*. 2020-10-29. Version 2.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/systems/amiga/amiweb2c>
 PKG-URL: <https://ctan.org/pkg/amiweb2c>

— *The cwebbin package. CWEB for ANSI-C/C++ compilers*. 2022-01-26. LICENSE: knuth
 PKG-URL: <https://ctan.org/pkg/cwebbin>

— *The knuth-hint package. HINT collection of typeset C/WEB sources in TeX Live*. 2022-04-07. Version 1.0. LICENSE: pd,knuth
 URL: <https://mirror.ctan.org/info/knuth-hint>
 PKG-URL: <https://ctan.org/pkg/knuth-hint>

Scherer, Andreas. *The knuth-pdf package. PDF collection of typeset C/WEB sources in TeX Live*. 2022-04-06. Version 2.0. LICENSE: pd
 URL: <https://mirror.ctan.org/info/knuth-pdf>
 PKG-URL: <https://ctan.org/pkg/knuth-pdf>

— *The pwebmac package. Consolidated WEB macros for DVI and PDF output*. 2022-06-26. Version 4.8.1. LICENSE: pd
 URL: <https://mirror.ctan.org/web/pwebmac>
 PKG-URL: <https://ctan.org/pkg/pwebmac>

Schinke, Carsten. *The gbrief-creator package. A front end for the gbrief package*. 2016-06-24. Version 1.000 beta. LICENSE: nosource. A small Windows front end, that creates files for use with the German letter macros.
 URL: <https://mirror.ctan.org/support/gbrief-creator>
 PKG-URL: <https://ctan.org/pkg/gbrief-creator>

Schinko, Yannick. *The lexend package. The Lexend fonts for Xe_{La}TeX and LuaLaTeX through fontspec*. 2021-01-30. Version 1.1.0.70. LICENSE: lppl1.3c,ofl
 URL: <https://mirror.ctan.org/fonts/lexend>
 PKG-URL: <https://ctan.org/pkg/lexend>

Schlechte, Wolfgang Andreas. *The newthm package. Obsolete version of ntheorem*. 2019-06-21. LICENSE: noinfo
 PKG-URL: <https://ctan.org/pkg/newthm>

Schleicher, Ralph and Norbert Schwarz. *The dos-dc package. A distribution of the DC fonts for emTeX*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/systems/msdos/dos-dc>
 PKG-URL: <https://ctan.org/pkg/dos-dc>

Schlemmer, Tobias. *The tsem1ines package. Support for the ancient \emline macro*. 2016-06-24. Version 1.0. LICENSE: pd
 URL: <https://mirror.ctan.org/macros/latex/contrib/tsem1ines>
 PKG-URL: <https://ctan.org/pkg/tsem1ines>

Schlicht, Robert. *The euroitc package. LaTeX interface for the ITC euro font symbols*. 2016-06-24. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/euroitc>
 PKG-URL: <https://ctan.org/pkg/euroitc>

- *The microtype package. Subliminal refinements towards typographical perfection.* 2022-06-23. Version 3.0f.
 LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/microtype>
 PKG-URL: <https://ctan.org/pkg/microtype>
- Schlömer, Nico. *The auto1 package. LaTeX support for Underware Auto 1 fonts.* 2018-01-06. Version 0.2.
 LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/obsolete/fonts/auto1>
 PKG-URL: <https://ctan.org/pkg/auto1>
- *The tex-font-errors-cheatsheet package. Cheat sheet outlining the most common TeX font errors.* 2019-02-13.
 Version 0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
 PKG-URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>
- Schmeing, Michael. *The mversion package. Keeping track of document versions.* 2016-06-24. Version 1.0.1.
 LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/mversion>
 PKG-URL: <https://ctan.org/pkg/mversion>
- Schmid, Hanspeter. *The hpsdiss package. A dissertation class.* 2016-06-24. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
 PKG-URL: <https://ctan.org/pkg/hpsdiss>
- *The sfg package. Draw signal flow graphs.* 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).
 URL: <https://mirror.ctan.org/macros/latex/contrib/sfg>
 PKG-URL: <https://ctan.org/pkg/sfg>
- Schmidt, Jan. *The tikz-palattice package. Draw particle accelerator lattices with TikZ.* 2017-03-09. Version 2.3.
 LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
 PKG-URL: <https://ctan.org/pkg/tikz-palattice>
- Schmidt, Walter A. *The epmtfe package. TeX environment for OS/2.* 2016-06-24. Version 5.4. LICENSE: other-free. The EPM TeX Front End is an additional module for the OS/2 ‘Enhanced Editor’ (EPM), v6.03, turning the editor into a powerful integrated TeX environment that can be used in conjunction with , or another OS/2 TeX system.
 URL: <https://mirror.ctan.org/systems/os2/epmtfe>
 PKG-URL: <https://ctan.org/pkg/epmtfe>
- *The icomma package. Intelligent commas for decimal numbers.* 2021-12-07. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/was>
 PKG-URL: <https://ctan.org/pkg/icomma>
- *The mathpple package. Use PostScript Palatino for typesetting maths.* 2016-06-24. Version 1.1. LICENSE: lppl
 PKG-URL: <https://ctan.org/pkg/mathpple>
- Schmidt, Walter A., Patrick Gundlach, and Marco Daniel. *The lshort-german package. German version of A Short Introduction to L^AT_EX2_ε: L^AT_EX2_ε-Kurzbeschreibung.* 2020-06-17. Version 3.0c. LICENSE: opl
 URL: <https://mirror.ctan.org/info/lshort/german>
 PKG-URL: <https://ctan.org/pkg/lshort-german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting.* 2021-12-28. LICENSE: lppl

- URL: <https://mirror.ctan.org/fonts/augie>
 PKG-URL: <https://ctan.org/pkg/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L^AT_EX.* 2022-01-26. LICENSE: lppl. LaTeX font definition files for the Concrete fonts and a L^AT_EX package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth's).
 URL: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
 PKG-URL: <https://ctan.org/pkg/ccfonts>
 - *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>
- Schmidt, Walter A. and Keiran Harcombe. *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^AT_EX 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>
 - *The eurosans package. Interface to Adobe's sans-serif Euro font.* 2021-12-07. Version 2.1. LICENSE: lppl
 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>
- *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math.* 2021-12-07. LICENSE: lppl
 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>
- Schmidt, Walter A. and Keiran Harcombe. *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>
 PKG-URL: <https://ctan.org/pkg/urw-garamond>
- *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>
- *The was package. A collection of small packages by Walter Schmidt.* 2022-10-07. LICENSE: collection
 URL: <https://mirror.ctan.org/macros/latex/contrib/was>
 PKG-URL: <https://ctan.org/pkg/was>
- Schmidt, Walter A., Keiran Harcombe, Charles Bigelow, and Kris Holmes. *The LuxiMono package. Free monospace fonts.* 2021-12-07. LICENSE: other-nonfree. LuxiMono is a family of general-purpose monospaced (typewriter) fonts. This distribution contains the fonts in Adobe Type 1 format, and , and L^AT_EX-related files are also provided.
 URL: <https://mirror.ctan.org/fonts/LuxiMono>
 PKG-URL: <https://ctan.org/pkg/LuxiMono>
- Schmidt, Walter A., Keiran Harcombe, and Pierre A. MacKay. *The ibygrk package. Fonts and macros to typeset ancient Greek.* 2021-12-07. Version 4.5. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/greek/ibygrk>
 PKG-URL: <https://ctan.org/pkg/ibygrk>
- Schmidt, Walter A., Keiran Harcombe, and Sebastian Rahtz. *The psnfssx package. Extra styles and encodings for PostScript fonts.* 2021-12-07. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/psnfssx>
 PKG-URL: <https://ctan.org/pkg/psnfssx>

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 URL: <https://mirror.ctan.org/macros/latex/required/psnfss>
 PKG-URL: <https://ctan.org/pkg/psnfss>
- Schmidt, Walter A., Alan Jeffrey, Sebastian Rahtz, Ulrik Vieth, and The LaTeX Project Team. *The mathptmx package. Use Times as default text font, and provide maths support*. 2021-12-07. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/required/psnfss>
 PKG-URL: <https://ctan.org/pkg/mathptmx>
- Schmidt, Walter A., Rolf Niepraschk, Hubert Gäßlein, and Jürgen Schlegelmilch. *The leaflet package. Create small handouts (flyers)*. 2020-11-07. Version 2.1a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/leaflet>
 PKG-URL: <https://ctan.org/pkg/leaflet>
- Schmidt, Walter A. and Norbert Preining. *The yfonts package. Support for old German fonts*. 2019-04-04. Version 1.4. LICENSE: lppl. A L^AT_EX interface to the old-german fonts designed by Yannis Haralambous: , and the .
 URL: <https://mirror.ctan.org/macros/latex/contrib/yfonts>
 PKG-URL: <https://ctan.org/pkg/yfonts>
- Schmidt, Walter A. and The LaTeX Project Team. *The fix-cm package. Permit Computer Modern fonts at arbitrary sizes*. 2021-06-01. Version 1.1t. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/base>
 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 pi font 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^AT_EX 2.09 documents, but probably not in L^AT_EX 2e.
 URL: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>
 PKG-URL: <https://ctan.org/pkg/backgrnd>
- *The shade package. Shade pieces of text*. 2018-01-06. Version 1. LICENSE: lppl1
 URL: <https://mirror.ctan.org/macros/generic/shade>
 PKG-URL: <https://ctan.org/pkg/shade>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
 PKG-URL: <https://ctan.org/pkg/pst-spectra>
- Schmitz, Daniel. *The mahjong package. Typeset Mahjong Tiles using MPSZ Notation*. 2021-04-24. Version 1.0.1. LICENSE: mit,cc-by-1

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 PKG-URL: <https://ctan.org/pkg/mahjong>
- Schmitz, Thomas A. *The context-taspresent package. Simple presentations using ConTeXt*. 2016-06-24. LICENSE: gpl2
 URL: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-taspresent>
 PKG-URL: <https://ctan.org/pkg/context-taspresent>
- *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>
- Schneider, Niklas. *The semesterplanner package. Create beautiful semester timetables and more*. 2020-11-04. Version 1.0. LICENSE: lppl1.3
 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 LaTeX document is compiled, keeping the data in an external file. To print the count, can use the macro `\showcount`.
 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>
- *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^AT_EX 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^AT_EX 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^AT_EX 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^AT_EX 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/utils/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>
- Schrell, Andreas. *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^AT_EX 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^AT_EX 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^AT_EX version of CWEB*. 2019-11-30. LICENSE: gpl. This bundle allows marking-up of code in L^AT_EX. The distribution includes the “Counting Words” program distributed with CWEB, edited to run with L^AT_EX.
 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>
- *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>
- Schrod, Joachim. *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^AT_EX 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: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/everyshi>
 PKG-URL: <https://ctan.org/pkg/everyshi>
 - *The ms package. Various L^AT_EX packages by Martin Schröder.* 2021-01-19. LICENSE: lpl
 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: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ms>
 PKG-URL: <https://ctan.org/pkg/multitoc>
- Schröder, Martin and Marei Peischl. *The prelim2e package. Allows the marking of preliminary versions of a document.* 2020-12-06. Version 2.00. LICENSE: lpl1.3c. 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 scrtime 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: lpl1.3c. 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^AT_EX, 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^AT_EX.* 2016-06-24. Version 1.01. LICENSE: lpl. The package provides functionality for processing lists and array structures in . Arrays can contain characters as well as TeX and L^AT_EX 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^AT_EX commands.* 2018-03-05. Version 1.1. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/texvc>
 PKG-URL: <https://ctan.org/pkg/texvc>
- Schulder, Marc and Thomas Hanke. *The hamnosys package. A font for sign languages.* 2022-02-08. Version 1.0.3. LICENSE: lpl1.3c
 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: lpl1.3

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

Schüler, Christian. *The SmileTeX package. Create L^AT_EX 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>

Schulter, 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>

Schulz, Stefan. *The chemcono package. Support for compound numbers in chemistry documents.* 2016-06-24. Version 1.3. LICENSE: lppl. A L^AT_EX 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 l2x package. LaTeX to ASCII.* 2016-06-24. Version 1.4. LICENSE: nocommercial
 URL: <https://mirror.ctan.org/support/l2x>
 PKG-URL: <https://ctan.org/pkg/l2x>

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^AT_EX 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>
- *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>
- Schuster, Wolfgang. *The context-ruby package. Ruby annotations in ConTeXt.* 2018-08-11. LICENSE: pd. Ruby markup (aka furigana in Japan) are inline annotations above or below a word to indicate the reading of ideographic characters. The module implements the in ConTeXt. The position and layout of the base text and the ruby text can becontrolled by parameters.
 URL: <https://mirror.ctan.org/macros/context/contrib/context-ruby>
 PKG-URL: <https://ctan.org/pkg/context-ruby>
- *The context-simplefonts package. Simplified font usage for ConTeXt.* 2018-08-11. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/context/contrib/context-simplefonts>
 PKG-URL: <https://ctan.org/pkg/context-simplefonts>
- *The context-title package. Place document titles.* 2018-08-11. LICENSE: gpl. The module provides the command to put a title block into your document. With the command values can be set for and change the formatting of the content.
 URL: <https://mirror.ctan.org/macros/context/contrib/context-title>
 PKG-URL: <https://ctan.org/pkg/context-title>
- *The context-typescripts package. Small modules to load various fonts for use in ConTeXt.* 2021-09-03. LICENSE: gpl2. The package provides files offering interfaces to 33 publicly available fonts (or collections of fonts from the same foundry); each is available in a and a version.
 URL: <https://mirror.ctan.org/macros/context/contrib/context-typescripts>
 PKG-URL: <https://ctan.org/pkg/context-typescripts>
- Schwan, Tobias and Herbert Voß. *The biblatex-juradiss package. BibLaTeX stylefiles for German law theses.* 2020-10-01. Version 0.23. LICENSE: lppl. The package provides a custom citation-style for typesetting a German law thesis with L^AT_EX. The package (using) is based on and uses .
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-juradiss>
 PKG-URL: <https://ctan.org/pkg/biblatex-juradiss>
- Schwartz, Ronald, Robert Knight, and Dominik Wujastyk. *The tibetan package. An early L^AT_EX Tibetan package.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/language/tibetan/original>
 PKG-URL: <https://ctan.org/pkg/tibetan>
- Schwarz, Max. *The graphicscache package. Cache includegraphics calls.* 2021-08-04. Version 0.3. LICENSE: bsd3
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphicscache>
 PKG-URL: <https://ctan.org/pkg/graphicscache>
- Schwarz, Norbert. *The ocr-b package. Fonts for OCR-B.* 2018-01-06. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/ocr-b>
 PKG-URL: <https://ctan.org/pkg/ocr-b>

- Schwarz, Ulrich M. *The 12many package. Generalising mathematical index sets*. 2016-06-24. Version 0.3. LICENSE: lpp1. In the discrete branches of mathematics and the computer sciences, it will only take some seconds before you're faced with a set like $1, \dots, m$. Some people write \mathbb{N} , others \mathbb{N}_0 , and the journal you're submitting to might want something else entirely. The 12many package provides an interface that makes changing from one to another a one-line change.
URL: <https://mirror.ctan.org/macros/latex/contrib/12many>
PKG-URL: <https://ctan.org/pkg/12many>
- *The nag package. Detecting and warning about obsolete L^AT_EX commands*. 2016-06-24. Version 0.7. LICENSE: lpp1. Old habits die hard. All the same, there are commands, classes and packages which are outdated and superseded. The nag package provides routines to warn the user about the use of such obsolete things. As an example, we provide an extension that detects many of the “sins” described in <https://www.ctan.org/ctan/sins>.
URL: <https://mirror.ctan.org/macros/latex/contrib/nag>
PKG-URL: <https://ctan.org/pkg/nag>
- Schwarz, Ulrich M. and Yukai Chou. *The thmtools package. Extensions to theorem environments*. 2022-06-01. Version 73. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/thmtools>
PKG-URL: <https://ctan.org/pkg/thmtools>
- Schweigert, U. *The aplweb package. Literate programming in APL*. 2016-06-24. Version 1.0. LICENSE: noinfo
URL: <https://mirror.ctan.org/web/aplweb>
PKG-URL: <https://ctan.org/pkg/aplweb>
- *The aweb package. Web system for programs written in Ada*. 2016-06-24. Version 1.0. LICENSE: pd
URL: <https://mirror.ctan.org/web/aweb>
PKG-URL: <https://ctan.org/pkg/aweb>
- Schwenk, Ferdinand and Benjamin Berg. *The tikzinclude package. Import TikZ images from collections*. 2019-02-21. Version 1.0. LICENSE: lpp1.3
URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzinclude>
PKG-URL: <https://ctan.org/pkg/tikzinclude>
- Schwindt, Tammo. *The latexcheat-de package. A L^AT_EX cheat sheet, in German*. 2017-04-18. LICENSE: lpp1
URL: <https://mirror.ctan.org/info/latexcheat/latexcheat-de>
PKG-URL: <https://ctan.org/pkg/latexcheat-de>
- Scott, Ryan. *The ucdavisthesis package. A thesis/dissertation class for University of California at Davis*. 2018-01-06. Version 1.3. LICENSE: lpp1.2
URL: <https://mirror.ctan.org/macros/latex/contrib/ucdavisthesis>
PKG-URL: <https://ctan.org/pkg/ucdavisthesis>
- Scrivena, Zach. *The simple-resume-cv package. Template for a simple resume or curriculum vitae (CV), in X_YL^AT_EX*. 2017-01-28. LICENSE: pd
URL: <https://mirror.ctan.org/macros/xetex/latex/simple-resume-cv>
PKG-URL: <https://ctan.org/pkg/simple-resume-cv>
- *The simple-thesis-dissertation package. Template for a simple thesis or dissertation (Ph.D. or master's degree) or technical report, in X_YL^AT_EX*. 2017-01-28. LICENSE: pd
URL: <https://mirror.ctan.org/macros/xetex/latex/simple-thesis-dissertation>
PKG-URL: <https://ctan.org/pkg/simple-thesis-dissertation>
- Scroggs, Matthew. *The tikz-truchet package. Draw Truchet tiles*. 2019-02-17. LICENSE: mit. This is a package for L^AT_EX that draws Truchet tiles, as used in Colin Beveridge's article in issue 08 of Chalkdust.
URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-truchet>
PKG-URL: <https://ctan.org/pkg/tikz-truchet>

- Scroggs, Matthew and Adam Townsend. *The realhats package. Put real hats on symbols instead of ^*. 2022-06-13. Version 6.0. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/realhats>
 PKG-URL: <https://ctan.org/pkg/realhats>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/titlepage-uni-dortmund>
 PKG-URL: <https://ctan.org/pkg/titlepage-uni-dortmund>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/facture-belge-simple-sans-tva>
 PKG-URL: <https://ctan.org/pkg/facture-belge-simple-sans-tva>
- Sebille, Robert and Rudy Cassart. *The modeles-factures-belges-assocs package. Generate invoices for Belgian non-profit organizations*. 2019-02-12. Version 1.0.1. LICENSE: lppl1.3c. This package provides templates and a file for generating invoices for Belgian non-profit organizations.
 URL: <https://mirror.ctan.org/macros/latex/contrib/modeles-factures-belges-assocs>
 PKG-URL: <https://ctan.org/pkg/modeles-factures-belges-assocs>
- Šegan, Danilo and Michal Gulczynski. *The c-pascal package. Typeset Python, C and Pascal programs*. 2016-06-24. Version 1.2. LICENSE: pd
 URL: https://mirror.ctan.org/macros/generic/c_pascal
 PKG-URL: <https://ctan.org/pkg/c-pascal>
- Segletes, Steven B. *The boxhandler package. Flexible Captioning and Deferred Box/List Printing*. 2016-06-24. Version 1.30. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/boxhandler>
 PKG-URL: <https://ctan.org/pkg/boxhandler>
- *The censor package. Tools for producing redacted documents*. 2022-04-21. Version 4.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/censor>
 PKG-URL: <https://ctan.org/pkg/censor>
 - *The getargs package. A flexible list-parsing macro with configurable parsing character*. 2016-07-10. Version 1.01. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/getargs>
 PKG-URL: <https://ctan.org/pkg/getargs>
 - *The numberedblock package. Print a block of code, with unique index number*. 2016-06-24. Version 1.10. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/numberedblock>
 PKG-URL: <https://ctan.org/pkg/numberedblock>
 - *The readarray package. Read, store and recall array-formatted data*. 2021-09-18. Version 3.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/readarray>
 PKG-URL: <https://ctan.org/pkg/readarray>
 - *The scalerel package. Constrained scaling and stretching of objects*. 2016-12-29. Version 1.8. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/scalerel>
 PKG-URL: <https://ctan.org/pkg/scalerel>
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- URL: <https://mirror.ctan.org/macros/latex/contrib/stackengine>
 PKG-URL: <https://ctan.org/pkg/stackengine>
- *The stringstrings package*. String manipulation for cosmetic and programming application. 2020-12-08. Version 1.24. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/stringstrings>
 PKG-URL: <https://ctan.org/pkg/stringstrings>
 - *The tabstackengine package*. “Tabbing” front-end to stackengine. 2018-03-05. Version 2.10. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/tabstackengine>
 PKG-URL: <https://ctan.org/pkg/tabstackengine>
 - *The titlecaps package*. Setting rich-text input into Titling Caps. 2022-04-13. Version 1.3. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/titlecaps>
 PKG-URL: <https://ctan.org/pkg/titlecaps>
- Segletes, Steven B. *The tokcycle package*. Build tools to process tokens from an input stream. 2021-08-25. Version 1.42. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/tokcycle>
 PKG-URL: <https://ctan.org/pkg/tokcycle>
- *The verbatimbox package*. Deposit verbatim text in a box. 2016-06-24. Version 3.13. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/verbatimbox>
 PKG-URL: <https://ctan.org/pkg/verbatimbox>
- Seidman, Gregory and James Ashton. *The typedref package*. Eliminate errors by enforcing the types of labels. 2016-06-24. Version 1.1. LICENSE: other-nonfree. The package is provided to help users avoid cross-reference errors; it replaces with , , , etc., so that you’re forced to specify the kind of label you’re referencing. Each reference command also generates appropriate text automatically, so that instead of typing , all you need is . The command is redefined to record the type with the label defined, so that each type of label has its own namespace.
 URL: <https://mirror.ctan.org/macros/latex/contrib/typedref>
 PKG-URL: <https://ctan.org/pkg/typedref>
- Seindal, René. *The inlinebib package*. Citations in footnotes. 2018-01-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/inlinebib>
 PKG-URL: <https://ctan.org/pkg/inlinebib>
- Selberg, Ole Michael. *The arabic package*. Read a lower-case roman number. 2020-04-11. LICENSE: noinfo. Usage is: <count> = <roman number> (note, trailing space after <roman number> required).
 URL: <https://mirror.ctan.org/macros/generic/misc/arabic.tex>
 PKG-URL: <https://ctan.org/pkg/arabic>
- *The balancedquotes package*. Code balanced quotes according to document language. 2020-04-11. LICENSE: noinfo. Provides simplified markup for balanced quotes: will appear as balanced double quotes around a text which embeds a text surrounded by balanced single quotes. The actual representation of the quotes is selectable, according to the language in use.
 URL: <https://mirror.ctan.org/macros/generic/misc/balancedquotes.sty>
 PKG-URL: <https://ctan.org/pkg/balancedquotes>
- Seliger, Hendrik G. *The texlive-dummy-fedora package*. Dummy TeX Live RPM for use with Fedora and similar distributions. 2022-07-14. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/support/texlive/texlive-dummy/Fedora>
 PKG-URL: <https://ctan.org/pkg/texlive-dummy-fedora>
- Semken, Christoph. *The beamerappendixnote package*. Create notes on appendix frames in beamer. 2020-07-02. Version 1.2.0. LICENSE: lppl1.3c. This package introduces the command, which puts the note’s content

- on a separate beamer frame shown by the command `\moveback`. It also creates interactive buttons to move back and forth between the two frames.
- URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/beamerappendixnote>
 PKG-URL: <https://ctan.org/pkg/beamerappendixnote>
- Sen, Sunando. *The time-gen package. Print the time (12-hour clock)*. 2020-04-11. LICENSE: noinfo. A generic version of the functionality; uses registers without allocating them — a sin of which the L^AT_EX-based is not guilty.
- URL: <https://mirror.ctan.org/macros/generic/misc/time.sty>
 PKG-URL: <https://ctan.org/pkg/time-gen>
- Sendoukas, Hippocrates. *The dviwin package. MS-Windows DVI screen and printer driver*. 2016-06-24. Version 2.9. LICENSE: pd
- URL: <https://mirror.ctan.org/dviware/dviwin>
 PKG-URL: <https://ctan.org/pkg/dviwin>
- Senellart, Pierre. *The apxproof package. Proofs in appendix*. 2021-09-03. Version 1.2.3. LICENSE: l^atp_l1.3
- URL: <https://mirror.ctan.org/macros/latex/contrib/apxproof>
 PKG-URL: <https://ctan.org/pkg/apxproof>
- Senju, Jiro. *The dvisirule package. Superimpose the covered hline and vline in a L^AT_EX tabular/colortbl environment*. 2022-09-30. Version 2.1. LICENSE: gpl2+. Superimpose the covered hline and vline in a L^AT_EX / environment.
- URL: <https://mirror.ctan.org/dviware/dvisirule>
 PKG-URL: <https://ctan.org/pkg/dvisirule>
- *The familytree package. Draw family trees*. 2022-07-15. Version 3.1. LICENSE: gpl2+
- URL: <https://mirror.ctan.org/macros/latex/contrib/familytree>
 PKG-URL: <https://ctan.org/pkg/familytree>
- Senn, Mark and James L. Schaad. *The dvibit package. DVI driver for BBN bitgraph terminal*. 2016-06-24. LICENSE: noinfo. Old enough that it uses files — possibly interesting for historical reasons.
- URL: <https://mirror.ctan.org/dviware/dvibit>
 PKG-URL: <https://ctan.org/pkg/dvibit>
- Sermutlu, Emre. *The compact-symbols package. Compact lists of symbols*. 2016-06-24. LICENSE: other-nonfree
- URL: <https://mirror.ctan.org/info/symbols/compact>
 PKG-URL: <https://ctan.org/pkg/compact-symbols>
- Setzer, Nick. *The colorwav package. Colours by wavelength of visible light*. 2018-10-09. Version 1.0. LICENSE: lgpl
- URL: <https://mirror.ctan.org/macros/latex/contrib/colorwav>
 PKG-URL: <https://ctan.org/pkg/colorwav>
- *The cool package. COntent-Oriented L^AT_EX*. 2018-10-09. Version 1.35. LICENSE: lgpl
- URL: <https://mirror.ctan.org/macros/latex/contrib/cool>
 PKG-URL: <https://ctan.org/pkg/cool>
- *The coollist package. Manipulate COntent Oriented L^AT_EX Lists*. 2022-06-12. Version 1.4. LICENSE: lgpl
- URL: <https://mirror.ctan.org/macros/latex/contrib/coollist>
 PKG-URL: <https://ctan.org/pkg/coollist>
- *The coolstr package. String manipulation in L^AT_EX*. 2016-06-24. Version 2.2. LICENSE: lgpl
- URL: <https://mirror.ctan.org/macros/latex/contrib/coolstr>
 PKG-URL: <https://ctan.org/pkg/coolstr>

- *The dyntree package. Construct Dynkin tree diagrams.* 2018-10-09. Version 1.0. LICENSE: lgpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/dyntree>
 PKG-URL: <https://ctan.org/pkg/dyntree>
- *The forloop package. Iteration in L^AT_EX.* 2018-10-09. Version 3.0. LICENSE: lgpl. The package provides a command for doing iteration in L^AT_EX macro programming.
 URL: <https://mirror.ctan.org/macros/latex/contrib/forloop>
 PKG-URL: <https://ctan.org/pkg/forloop>
- Shanks, Bayle. *The easyLaTeX package. Faster and simpler writing of L^AT_EX documents.* 2016-06-24. Version 0.062.
 LICENSE: gpl2
 URL: <https://mirror.ctan.org/support/easylatex>
 PKG-URL: <https://ctan.org/pkg/easyLaTeX>
- Shapin, Ted. *The bihead package. Underlined page headings.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/bihead.sty>
 PKG-URL: <https://ctan.org/pkg/bihead>
- Shapour, Madadpour. *The alpha-persian package. Persian version of alpha.bst.* 2019-03-10. Version 1.3. LICENSE: lpp1.3c. The package provides a Persian version of the BibTeX style and offers several enhancements. It is compatible with the , , , and packages.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/alpha-persian>
 PKG-URL: <https://ctan.org/pkg/alpha-persian>
- Sharpe, Michael. *The algolrevived package. A revival of Frutiger’s Algol alphabet.* 2020-11-05. Version 1.052. LICENSE: ofl,lpp1.3c
 URL: <https://mirror.ctan.org/fonts/algolrevived>
 PKG-URL: <https://ctan.org/pkg/algolrevived>
- *The baskervaldx package. Extension and modification of BaskervaldADF with L^AT_EX support.* 2020-12-06. Version 1.076. LICENSE: gpl2+,lpp1.3. Extends and modifies the font (a Baskerville substitute) with more accented glyphs, with small caps and oldstyle figures in all shapes. Includes OpenType and PostScript fonts, as well as L^AT_EX support files.
 URL: <https://mirror.ctan.org/fonts/baskervaldx>
 PKG-URL: <https://ctan.org/pkg/baskervaldx>
- *The baskervillef package. Fry’s Baskerville look-alike, with math support.* 2020-06-07. Version 1.051. LICENSE: ofl,lpp1.3. BaskervilleF is a fork from the (Roman, Italic, Bold only) released under the OFL by Paolo Impallari and Rodrigo Fuenzalida. Their fonts are optimized for web usage, while BaskervilleF is optimized for traditional TeX usage, normally destined for production of pdf files. A bold italic style was added and mathematical support is offered as an option to .
 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>
- *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lpp1. The bundle provides virtual fonts and L^AT_EX support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The most recent version of offers support for these virtual fonts.

- URL: <https://mirror.ctan.org/fonts/bickham>
 PKG-URL: <https://ctan.org/pkg/bickham>
- *The boondox package. Mathematical alphabets derived from the STIX fonts.* 2017-02-26. Version 1.02d. LICENSE: ofl,lppl. The package contains a number of PostScript fonts derived from the OpenType fonts that may be used in maths mode in regular and bold weights for calligraphic, fraktur and double-struck alphabets. Virtual fonts with metrics suitable for maths mode are provided, as are L^AT_EX support files.
 URL: <https://mirror.ctan.org/fonts/boondox>
 PKG-URL: <https://ctan.org/pkg/boondox>
 - *The cochineal package. Cochineal fonts with L^AT_EX support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/cochineal>
 PKG-URL: <https://ctan.org/pkg/cochineal>
- Sharpe, Michael. *The DSSerif package. A double-struck serifed font for mathematical use.* 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/dsserif>
 PKG-URL: <https://ctan.org/pkg/DSSerif>
- *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>
 - *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl
 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>
 - *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/fbb>
 PKG-URL: <https://ctan.org/pkg/fbb>
 - *The garamondx package. ‘Expert’-like extensions to URW Garamond, and maths italic.* 2021-09-11. Version 1.21. LICENSE: nosell
 URL: <https://mirror.ctan.org/fonts/garamondx>
 PKG-URL: <https://ctan.org/pkg/garamondx>
 - *The heuristica package. Fonts extending Utopia, with L^AT_EX support files.* 2019-06-11. Version 1.092. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/heuristica>
 PKG-URL: <https://ctan.org/pkg/heuristica>

- *The libertinegc package. Libertine add-on to support Greek and Cyrillic.* 2017-06-16. Version 1.01. LICENSE: lppl1.3. The package provides L^AT_EX support files to access the Greek and Cyrillic glyphs in LinuxLibertine. It functions as an add-on to the package, using filenames and macro names that are compatible with that package. Supported encodings: LGR, T2A, T2B, T2C, OT2.
URL: <https://mirror.ctan.org/fonts/libertinegc>
PKG-URL: <https://ctan.org/pkg/libertinegc>
- *The LibertinusT1Math package. A Type 1 font and L^AT_EX 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^AT_EX.* 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>
- Sharpe, Michael. *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^AT_EX 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>
- *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>
- Sharpe, Michael. *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^AT_EX 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^AT_EX 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^AT_EX 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>
 - *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>
- Sharpe, Michael. *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 zlmtr package. Use Latin Modern Typewriter fonts.* 2022-08-08. Version 1.032. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/fonts/zlmtr>
 PKG-URL: <https://ctan.org/pkg/zlmtr>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob 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/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>
- Sharpsten, Christian. *The armymemo package. A document class for Army memorandums in accordance with AR 25-50.* 2019-01-28. Version 1.0.0. LICENSE: gpl2
 URL: <https://mirror.ctan.org/macros/xetex/latex/armymemo>
 PKG-URL: <https://ctan.org/pkg/armymemo>
- Shashkov, Sergey. *The russ package. LaTeX in Russian, without babel.* 2016-06-24. LICENSE: lppl
 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 ieeeetrantools 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^AT_EX 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>
- *The mciteplus package. Enhanced multiple citations.* 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus L^AT_EX 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>
- Shell, Michael. *The testflow package. A tool to validate PS/PDF output from L^AT_EX.* 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^AT_EX.* 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>
- *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^AT_EX 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^AT_EX.* 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>
- Shipunov, Alexey. *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_YL^AT_EX 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^AT_EX 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>
- Shoaib, Yasir. *The ryersonSGSThesis package. Ryerson School of Graduate Studies thesis template.* 2019-02-26. Version 1.0.3. LICENSE: apache2
 URL: <https://mirror.ctan.org/macros/latex/contrib/ryersonsgsthesis>
 PKG-URL: <https://ctan.org/pkg/ryersonSGSThesis>
- Shoshiashvili, Levan. *The georgian package. Support for typesetting in Georgian.* 2016-06-24. Version 0.9.5. LICENSE: lppl1.3. The bundle provides fonts, and L^AT_EX NFSS support, for typesetting text written in Georgian.
 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>
- Shub, Daniel E. *The biblatex-cv package. Create a CV from BibTeX files.* 2021-06-04. Version 0.01. LICENSE: lppl1.3. This package creates an academic curriculum vitae (CV) from a BibTeX file. The package makes use of BibLaTeX/biber to automatically format, group, and sort the entries on a CV.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-cv>
 PKG-URL: <https://ctan.org/pkg/biblatex-cv>
- Shual, Boaz. *The technion-thesis-template package. Template for theses on the Technion graduate school.* 2019-02-04. Version 1.0. LICENSE: cc-by-4

- URL: <https://mirror.ctan.org/macros/xetex/latex/technion-thesis-template>
 PKG-URL: <https://ctan.org/pkg/technion-thesis-template>
- Shvaika, Andrij. *The cmpj package. Style for the journal Condensed Matter Physics*. 2021-03-18. Version 3.03. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/cmpj>
 PKG-URL: <https://ctan.org/pkg/cmpj>
- Shvaika, Andrij, Maksym Polyakov, and Dimitri Vulis. *The ukrhyph package. Hyphenation Patterns for Ukrainian*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/hyphenation/ukrhyph>
 PKG-URL: <https://ctan.org/pkg/ukrhyph>
- Siddikov, M. *The Orderer package. Order references in a TeX file*. 2016-06-24. LICENSE: lpl. Orderer is a small Perl script that will take a TeX document and re-order the references in it. This saves the user from building a database.
 URL: <https://mirror.ctan.org/support/orderer>
 PKG-URL: <https://ctan.org/pkg/Orderer>
- Siebenmann, Laurent. *The ascii-cyrillic package. A Latin alphabet representation of Cyrillic*. 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/language/ascii-cyrillic>
 PKG-URL: <https://ctan.org/pkg/ascii-cyrillic>
- *The boxedart4mac package. Import graphics into Macintosh TeX*. 2016-06-24. LICENSE: noinfo. The package is an (accelerated) alternative to the author’s package, for the and Textures distributions only.
 URL: <https://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^AT_EX 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>
 - *The ragged package. Generic ragged left and ragged right options*. 2020-04-11. LICENSE: noinfo
 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^AT_EX classes*. 2016-06-24. LICENSE: other-free. A set of replacements for the default L^AT_EX classes, based upon the bundle and the seminar class. Includes , , and .
 URL: <https://mirror.ctan.org/macros/latex/contrib/hc>
 PKG-URL: <https://ctan.org/pkg/hcbundle>
- Siegel, Dominik. *The chemscheme package. Typeset and cross-reference chemical schemes based on TikZ code*. 2018-02-23. Version 1.2. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/chemscheme>
 PKG-URL: <https://ctan.org/pkg/chemscheme>
- *The fancylab package. Complex labelling with L^AT_EX*. 2018-02-23. Version 1.1. LICENSE: lppl1.2. 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/fancylab>
 PKG-URL: <https://ctan.org/pkg/fancylab>
- Siebert, Hans-Jürgen. *The latexdraw package. CAD oriented drawing program*. 2018-09-15. Version 15.29. LICENSE: nocommercial. An X-Windows based CAD oriented drawing program which generates L^AT_EX output using latexdraw.sty, based on . The picture may be generated as complete L^AT_EX-source or as a picture-environment to be included in other documents. You must translate the dvi-file generated by L^AT_EX 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>
- Sievers, Martin. *The hausarbeit-jura package. Class for writing “juristische Hausarbeiten” at German Universities*. 2020-08-06. Version 2.1.0. LICENSE: lppl1.3. The class was developed for use by students writing legal essays (“juristische Hausarbeit”) at German Universities. It is based on and and makes it easy for L^AT_EX beginners to get a correct and nicely formatted paper.
 URL: <https://mirror.ctan.org/macros/latex/contrib/hausarbeit-jura>
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/lni>
 PKG-URL: <https://ctan.org/pkg/lni>
- Sievers, Martin and Beilstein-Institut. *The beilstein package. Support for submissions to the “Beilstein Journal of Nanotechnology”*. 2020-08-26. Version 2.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/beilstein>
 PKG-URL: <https://ctan.org/pkg/beilstein>
- Sievers, Martin and Stefan Strecker. *The emisa package. A L^AT_EX package for preparing manuscripts for the journal EMISA*. 2020-11-26. Version 2.3.0. LICENSE: lppl1.3c. The EMISA L^AT_EX package is provided for preparing manuscripts for submission to EMISA (Enterprise Modelling and Information Systems Architectures), and for preparing accepted submissions for publication as well as for typesetting the final document by the editorial office. Articles in EMISA are published online at in the Portable Document Format (PDF).
 URL: <https://mirror.ctan.org/macros/latex/contrib/emisa>
 PKG-URL: <https://ctan.org/pkg/emisa>
- Sigurdhsson, Simon. *The chscite package. Bibliography style for Chalmers University of Technology*. 2018-01-06. Version 2.9999. LICENSE: lppl1.2. The package, heavily based on the package for Harvard-style citations,

- provides a citation suite for students at Chalmers University of Technology that follows given recommendations.
- URL: <https://mirror.ctan.org/macros/latex/contrib/chscite>
 PKG-URL: <https://ctan.org/pkg/chscite>
- *The download package. Allow L^AT_EX to download files using an external process.* 2019-10-02. Version 1.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/download>
 PKG-URL: <https://ctan.org/pkg/download>
 - *The skdoc package. Documentation and extraction for packages and document classes.* 2020-11-16. Version 1.5d. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/skdoc>
 PKG-URL: <https://ctan.org/pkg/skdoc>
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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/fiziko>
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 - *The wrtfile package. Write TeX files from a TeX document.* 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in TeX files; it is similar in conception to the L^AT_EX mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.
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 PKG-URL: <https://ctan.org/pkg/zip>
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 PKG-URL: <https://ctan.org/pkg/accfonts>
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 URL: <https://mirror.ctan.org/fonts/rsfs>
 PKG-URL: <https://ctan.org/pkg/rsfs>
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 PKG-URL: <https://ctan.org/pkg/templates-sommer>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/caption>
 PKG-URL: <https://ctan.org/pkg/bicaption>
- *The caption package. Customising captions in floating environments.* 2022-03-17. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/caption>
 PKG-URL: <https://ctan.org/pkg/caption>
 - *The caption2 package. Superseded version of the caption package.* 2016-06-24. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/caption>
 PKG-URL: <https://ctan.org/pkg/caption2>
 - *The ltcaption package. Fix some caption problems in longtables.* 2016-06-24. Version 1.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/caption>
 PKG-URL: <https://ctan.org/pkg/ltcaption>
 - *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^AT_EX 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>
- *The rplain package. Redefines the plain pagestyle.* 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L^AT_EX 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>
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 PKG-URL: <https://ctan.org/pkg/totalcount>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/umlaute>
 PKG-URL: <https://ctan.org/pkg/umlaute>
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 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
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 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>
- *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^AT_EX.* 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: lppl1.3c. 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: lppl1.3c
 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: lppl1.3c
 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: lppl1.3c
 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: lppl1.3c
URL: <https://mirror.ctan.org/macros/generic/expkv>
PKG-URL: <https://ctan.org/pkg/expkv>
- *The expkv-cs package. Define expandable key=val macros using expkv.* 2022-02-13. Version 1.2. LICENSE: lppl1.3c
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: lppl1.3c
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: lppl1.3c
URL: <https://mirror.ctan.org/macros/generic/expkv-opt>
PKG-URL: <https://ctan.org/pkg/expkv-opt>
- Spratte, Jonathan P. *The grabbox package. Read an argument into a box and execute the code afterwards.* 2019-05-08. Version 1.4. LICENSE: lppl1.3c. The package provides the command `\grabbox`, which grabs an argument into a box and executes the code afterwards.
URL: <https://mirror.ctan.org/macros/latex/contrib/grabbbox>
PKG-URL: <https://ctan.org/pkg/grabbbox>
- *The pgfmath-xfp package. Define pgfmath functions using xfp.* 2021-05-21. Version 1.0. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/pgfmath-xfp>
PKG-URL: <https://ctan.org/pkg/pgfmath-xfp>
- *The pxpic 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^AT_EX.
URL: <https://mirror.ctan.org/graphics/pxpic>
PKG-URL: <https://ctan.org/pkg/pxpic>
- *The xistercian package. Cistercian numerals in L^AT_EX.* 2021-12-20. Version 1.2. LICENSE: lppl1.3c. allows you to use Cistercian numerals in L^AT_EX. The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using `\setcsternum`. The two main macros are: `\csternum` and `\csternum*`.
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^AT_EX.* 2016-06-24. LICENSE: noinfo. The package provides a `\readfile` 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>
- Stacey, Andrew. *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: lpl1.3
 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/utils/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>
- Stanier, Alan. *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^AT_EX file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L^AT_EX 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: lpl1.3
 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^AT_EX git wrapper.* 2020-04-20. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/latexgit>
 PKG-URL: <https://ctan.org/pkg/LaTeXgit>
- Staps, Camil. *The memorygraphs package. TikZ styles to typeset graphs of program memory.* 2019-01-07. Version 0.1.1. LICENSE: lpl1.3
 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: lpl1.3
 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^AT_EX 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: lpl

- URL: <https://mirror.ctan.org/fonts/cmupint>
 PKG-URL: <https://ctan.org/pkg/cmupint>
- *The srbtiks package. Font STIX2 for Serbian and Macedonian.* 2022-05-26. Version 1.0. LICENSE: ofl,lppl1.3. The package is the extension of the package that enables usage of the STIX2 font in L^AT_EX for the Serbian and Macedonian languages (therefore, it is required to have the package installed).
 URL: <https://mirror.ctan.org/fonts/srbtikis>
 PKG-URL: <https://ctan.org/pkg/srbtikis>
- Steffani, Hans Friedrich. *The fancyfolien package. Fancyhdr outline for German readers.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/info/german/fancyhdr>
 PKG-URL: <https://ctan.org/pkg/fancyfolien>
- *The ftcap package. Allows \caption at the beginning of a table-environment.* 2016-06-24. Version 1.4. LICENSE: gpl. For several reasons a may be desirable at the top of a environment. This package changes the environment such that and are swapped. The package should also work with a non-standard table environment.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ftcap>
 PKG-URL: <https://ctan.org/pkg/ftcap>
- Steffens, Stefan and George Greenwade. *The latex-info package. Unofficial reference manual for L^AT_EX.* 2016-06-24. Version 2.0. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/info/latex-info>
 PKG-URL: <https://ctan.org/pkg/latex-info>
- Steffmann, Dieter and Maurizio Loretì. *The initials package. Adobe Type 1 decorative initial fonts.* 2019-07-06. LICENSE: lppl. For each font, at least a and a file is provided, with an file for use with L^AT_EX.
 URL: <https://mirror.ctan.org/fonts/initials>
 PKG-URL: <https://ctan.org/pkg/initials>
- Stein, Leo. *The orcidlink package. Insert hyperlinked ORCID logo.* 2021-06-11. Version 1.0.4. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/orcidlink>
 PKG-URL: <https://ctan.org/pkg/orcidlink>
- Steinbach, Andrea and Angelika Schofer. *The mtex package. The pioneering music-in-TeX macros.* 2018-01-06. Version 0.92. LICENSE: noinfo. This package, MuTeX (as it was originally known) the humble base by which both and (indirectly) were inspired.
 URL: <https://mirror.ctan.org/macros/mtex>
 PKG-URL: <https://ctan.org/pkg/mtex>
- Steiner, Beat. *The ttt package. A Tibetan Transcript Transliterator for L^AT_EX.* 2018-01-06. Version 0.1. LICENSE: gpl. The transcriptions work with Sirlin’s , but the transcriber manages better support (particularly of ligatures) than other approaches to Tibetan.
 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: lppl

- URL: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
 PKG-URL: <https://ctan.org/pkg/xetex-devanagari>
- *The xetex-tibetan package*. XeTeX input maps for Unicode Tibetan. 2016-06-24. Version 0.1. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/xetex/generic/tibetan>
 PKG-URL: <https://ctan.org/pkg/xetex-tibetan>
- Stepanyan, R. *The barddiag package*. LaTeX package for drawing bar diagrams. 2018-09-15. Version 0.4a. LICENSE: lpl. The main purpose of the package is to make the drawing of bar diagrams possible and easy in L^AT_EX. The BarDiag package is inspired by and based on .
 URL: <https://mirror.ctan.org/graphics/barddiag>
 PKG-URL: <https://ctan.org/pkg/barddiag>
- *The biblio-perl package*. System for maintaining and presenting bibliographies. 2016-06-24. Version 1.0. LICENSE: nosell
 URL: <https://mirror.ctan.org/support/biblio>
 PKG-URL: <https://ctan.org/pkg/biblio-perl>
- Stephani, Philipp. *The lualatex-math package*. Fixes for mathematics-related LuaLaTeX issues. 2022-01-01. Version 1.12. LICENSE: lpl1.3c. The package patches a few commands of the L^AT_EX₂ε kernel and the and packages to be more compatible with the LuaTeX engine. It is only meaningful for LuaLaTeX documents containing mathematical formulas, and does not exhibit any new functionality. The fixes are mostly moved from the package to this package since they are not directly related to Unicode mathematics typesetting.
 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
 URL: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/lualatex-platform>
 PKG-URL: <https://ctan.org/pkg/luaLaTeX-platform>
- Stergiou, Andreas. *The chet package*. LaTeX layout inspired by harvmac. 2017-08-19. Version 2.2. LICENSE: lpl1.3. The package aims to streamline the work of typesetting, and to provide the look and feel of for readers.
 URL: <https://mirror.ctan.org/macros/latex/contrib/chet>
 PKG-URL: <https://ctan.org/pkg/chet>
- Sterling, Jonathan. *The jmsdelim package*. A package for compositional delimiter sizing. 2022-03-12. Version 0.2.0. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/jmsdelim>
 PKG-URL: <https://ctan.org/pkg/jmsdelim>
- Sternefeld, Wolfgang. *The linguex package*. Format linguists' examples. 2016-06-24. Version 4.3. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/linguex>
 PKG-URL: <https://ctan.org/pkg/linguex>
- *The pstrees package*. Construct linguistics trees using a preprocessor. 2016-06-24. Version 2. LICENSE: lpl. The preprocessor (written in C) prepares tree sources; the macros make use of Emma Pease's package.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>
 PKG-URL: <https://ctan.org/pkg/pstrees>
- Steuer, Arne W. *The cassette209 package*. A L^AT_EX 209 document style for cassette inserts. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/cassette>
 PKG-URL: <https://ctan.org/pkg/cassette209>

- Stewart, G. W. *The jeep package. Modified L^AT_EX2.09 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^AT_EX2e, , 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: lppl1.3. 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>
- Stoks, Sander. *The kix package. Typeset KIX codes*. 2016-06-24. LICENSE: lppl1
 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>
 PKG-URL: <https://ctan.org/pkg/ReadableCV>
- Story, Donald P. *The acroflex package. Create a graphing widget in a PDF file*. 2021-09-11. Version 1.7. LICENSE: lppl1
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>
 PKG-URL: <https://ctan.org/pkg/acroflex>
- *The AcroMemory package. Memory games in L^AT_EX*. 2021-09-11. LICENSE: lppl1.2
 URL: 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
 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 where 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>

- *The acrotex-web package. Establish a page layout for an on-screen (PDF) document.* 2021-05-12. Version 6.1.7. LICENSE: lppl1
 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
- *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/aeb_slicing
- *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>
- Story, Donald P. *The aeb-mlink package. Multi-line links with hyperref.* 2021-09-11. LICENSE: lppl1.2
 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
 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
- *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
 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
 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
 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>
 PKG-URL: <https://ctan.org/pkg/artthreads>
- *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>
- *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>
 PKG-URL: <https://ctan.org/pkg/conv-xkv>
 - *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>
 - Story, Donald P. *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>
- *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^AT_EX 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>
- Story, Donald P. *The exerquiz package. Environments for defining exercises and quizzes.* 2021-10-13. Version 8.8.5. LICENSE: lppl
 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
 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: lppl
 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>
- *The insdljs package*. Insert document-level JavaScript in L^AT_EX 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^AT_EX class to construct Jeopardy-like games. 2021-09-11. Version 3.1. LICENSE: lppl
 URL: 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>
- Story, Donald P. *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>
- *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
 PKG-URL: 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>

- *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>
- Story, Donald P. *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
- *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>
PKG-URL: <https://ctan.org/pkg/yt4pdf>
- Straathof, Bas. *The har2nat package. Replace the harvard package with natbib.* 2019-09-28. Version 1.0. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/har2nat>
PKG-URL: <https://ctan.org/pkg/har2nat>
- Strasser, Georg. *The beamertheme-upenn-bc package. Beamer themes for Boston College and the University of Pennsylvania.* 2017-11-20. Version 1.0. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>
PKG-URL: <https://ctan.org/pkg/beamertheme-upenn-bc>
- Straub, Pablo A. and Heiko Oberdiek. *The askinclude package. Interactive use of \includeonly.* 2020-04-13. Version 2.7. LICENSE: lppl1.3. The package asks the user which files to put in a command. There is provision for answering “same as last time” or “all files”.
URL: <https://mirror.ctan.org/macros/latex/contrib/askinclude>
PKG-URL: <https://ctan.org/pkg/askinclude>

- Straube, Hilmar. *The tktexcad package. Generate L^AT_EX picture environments*. 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/graphics/tktexcad>
 PKG-URL: <https://ctan.org/pkg/tktexcad>
- Strauman, Andreas Storvik. *The exercisebank package. Creating and managing exercises, and reusing them as composed sets*. 2019-03-18. Version 0.3.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
 PKG-URL: <https://ctan.org/pkg/exercisebank>
- *The handin package. Light weight template for creating school submissions using L^AT_EX*. 2018-07-22. Version 0.1.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/handin>
 PKG-URL: <https://ctan.org/pkg/handin>
- Strauman, Andreas Storvik. *The includeRnw package. Include .Rnw inside .tex*. 2018-05-01. Version 0.1.0. LICENSE: lppl1.3c
 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/support/tcltexed>
 PKG-URL: <https://ctan.org/pkg/tcltexed>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/cassette.tex>
 PKG-URL: <https://ctan.org/pkg/cassette>
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 PKG-URL: <https://ctan.org/pkg/streetex>
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 URL: <https://mirror.ctan.org/systems/win32/texshell132>
 PKG-URL: <https://ctan.org/pkg/texshell132>
- Stuart, Louis. *The beamerauxtheme package. Supplementary outer and inner themes for beamer*. 2020-08-10. 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>
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 URL: <https://mirror.ctan.org/fonts/fpl>
 PKG-URL: <https://ctan.org/pkg/fpl>
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 URL: <https://mirror.ctan.org/graphics/pgf/contrib/callouts>
 PKG-URL: <https://ctan.org/pkg/callouts>
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 PKG-URL: <https://ctan.org/pkg/flacards>
- *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>
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 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>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/genealogytree>
 PKG-URL: <https://ctan.org/pkg/genealogytree>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/incgraph>
 PKG-URL: <https://ctan.org/pkg/incgraph>
 - *The mercatormap package*. Spherical Mercator coordinate systems and Web Mercator tile integration. 2020-08-06. Version 1.02. LICENSE: lppl1.3
 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^AT_EX 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>
 - Suárez, Fausto Mauricio Lagos. *The maker package*. Include Arduino or Processing code in L^AT_EX documents. 2017-07-19. Version 1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/maker>
 PKG-URL: <https://ctan.org/pkg/maker>

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 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>
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 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>
- Surber, Wesley. *The turabian package. Create Turabian-formatted material using L^AT_EX*. 2016-06-24. Version 0.1.0. LICENSE: lppl
 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: lppl
 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^AT_EX*. 2016-06-24. Version 1.4. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
 PKG-URL: <https://ctan.org/pkg/abbrevs>
- *The achicago package. Chicago Manual citations in L^AT_EX*. 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 BibTeX style*. 2016-06-24. Version 1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
 PKG-URL: <https://ctan.org/pkg/achicago-bst>
 - *The alatex package. Abstract L^AT_EX*. 2019-06-21. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/alatex-1.0>
 PKG-URL: <https://ctan.org/pkg/alatex>

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URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
PKG-URL: <https://ctan.org/pkg/attrib>
- *The bits package*. Sub-document environments in L^AT_EX. 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^AT_EX. 2016-06-24. Version 1.2. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
PKG-URL: <https://ctan.org/pkg/blkcntrl>
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URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
PKG-URL: <https://ctan.org/pkg/compsci>
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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^AT_EX. 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^AT_EX packages and classes and BibTeX 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^AT_EX packages. 2016-06-24. LICENSE: collection. Frankenstein is a bundle of L^AT_EX 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^AT_EX. 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^AT_EX.* 2016-06-24. Version 2. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
 PKG-URL: <https://ctan.org/pkg/newclude>
 - *The slemph package. Slanted emphasis in L^AT_EX.* 2016-06-24. Version 1.2. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
 PKG-URL: <https://ctan.org/pkg/slemph>
- Swift, Matt. *The swifftex package. Edit doc.sty and normal L^AT_EX files with GNU Emacs.* 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting L^AT_EX 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). SwifTeX mode is for editing buffers containing normal L^AT_EX files and provides an alternative to the L^AT_EX modes in the standard Emacs distribution and in .
 URL: <https://mirror.ctan.org/support/emacs-modes/swifftex>
 PKG-URL: <https://ctan.org/pkg/swifftex>
- *The titles package. Titles of books, articles, etc. in L^AT_EX.* 2016-06-24. Version 1.2. LICENSE: gpl. A L^AT_EX 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>
 - *The epiolmec package. Typesetting the Epi-Olmec Language.* 2016-06-24. LICENSE: lpl
 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>
- Syropoulos, Apostolos. *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: lpl
 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>
- *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>
- Syropoulos, Apostolos. *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_ΛTeX. 2019-11-14. Version 1.0. LICENSE: lppl1.3. The package extends package so it can be used with Xe_ΛTeX. It introduces the new option for use with Xe_ΛTeX. 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|Lua)LaTeX. 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_ΛTeX. 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_ΛTeX.
 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 X_YTeX 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 X_YTeX.* 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 philokalía package. A font to typeset the Philokalía Books.* 2018-01-06. Version 1.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/fonts/philokalía>
 PKG-URL: <https://ctan.org/pkg/philokalía>
- 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^AT_EX.* 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: lppl1
 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^AT_EX.* 2016-06-24. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/anyfontsize>
 PKG-URL: <https://ctan.org/pkg/anyfontsize>
 - *The babel-hungarian package. Babel support for Hungarian (Magyar).* 2019-01-14. Version 1.5c. LICENSE: lpl. 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^AT_EX.* 2020-05-09. Version 0.04. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/examplep>
 PKG-URL: <https://ctan.org/pkg/examplep>
- Szabó, Péter. *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: lpl. This package provides a L^AT_EX 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: lpl
 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: lpl1.3. 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: lpl
 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>
- *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>
- Talbot, Nicola. *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>
- *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>
- Talbot, Nicola. *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>
- *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>
- Talbot, Nicola. *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>
 - *The dickimaw package. Books and tutorials from the “Dickimaw L^AT_EX 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 , and . These commands are primarily designed for use in bibliographies. A L^AT_EX2HTML style file is also provided.
 URL: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
 PKG-URL: <https://ctan.org/pkg/doipubmed>
- Talbot, Nicola. *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>
- *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>
- Talbot, Nicola. *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. Ver-
 sion 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>
- *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 `\mfirstuc` which applies to each word in the `<list>`, 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>
- Talbot, Nicola. *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^AT_EX 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 reimplement of the L^AT_EX for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the L^AT_EX 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^AT_EX 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>
- *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^AT_EX2e 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 datetime2–italian package. Italian language module for the datetime2 package.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. This module provides the “italian” style that can be set using provided by .
URL: <https://mirror.ctan.org/macros/latex/contrib/datetime2–contrib/datetime2–italian>
PKG-URL: <https://ctan.org/pkg/datetime2–italian>
- Talbot, Nicola and Sebastian Friedl. *The datetime2–german package. German language module for the datetime2 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 upmindex package. Multilingual index processor.* 2021-11-21. Version 1.00. LICENSE: bsd3
 URL: <https://mirror.ctan.org/indexing/upmindex>
 PKG-URL: <https://ctan.org/pkg/upmindex>
- *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: lpp1
 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: lpp1
 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: lpp1
 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^AT_EX. 2016-06-24. Version 1.2. LICENSE: lpp1.3
 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^AT_EX 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: lpp1.3c. 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
 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 , similar to the L^AT_EX , 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 types . "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>
 - Tellechea, Christian. *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 L^AT_EX. 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>
 PKG-URL: <https://ctan.org/pkg/scratch>
 - *The scratch3 package*. Draw programs like “scratch”. 2022-02-06. Version 0.19. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/scratch3>
 PKG-URL: <https://ctan.org/pkg/scratch3>
 - *The simplekv package*. A simple key/value system for TeX and L^AT_EX. 2022-10-01. Version 0.2a. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/simplekv>
 PKG-URL: <https://ctan.org/pkg/simplekv>
 - *The spreadtab package*. Spreadsheet features for L^AT_EX tabular environments. 2019-02-27. Version 0.5. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/spreadtab>
 PKG-URL: <https://ctan.org/pkg/spreadtab>
 - *The systeme package*. Format systems of equations. 2020-05-03. Version 0.34. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/systeme>
 PKG-URL: <https://ctan.org/pkg/systeme>
 - *The tabularcalc package*. Calculate formulas in a tabular environment. 2016-06-24. Version 0.2. LICENSE: lppl

- URL: <https://mirror.ctan.org/macros/latex/contrib/tabularcalc>
 PKG-URL: <https://ctan.org/pkg/tabularcalc>
- *The xstring package. String manipulation for (La)TeX.* 2021-07-21. Version 1.84. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/xstring>
 PKG-URL: <https://ctan.org/pkg/xstring>
- Tellechea, Christian and Steven B. Segletes. *The listofitems package. Grab items in lists using user-specified sep char.* 2019-08-21. Version 1.63. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/listofitems>
 PKG-URL: <https://ctan.org/pkg/listofitems>
- Tennent, Bob. *The accanthis package. Accanthis fonts, with L^AT_EX support.* 2017-04-18. LICENSE: gpl2
 URL: <https://mirror.ctan.org/fonts/accanthis>
 PKG-URL: <https://ctan.org/pkg/accanthis>
- *The alegreya package. Alegreya fonts with L^AT_EX support.* 2022-09-14. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/alegreya>
 PKG-URL: <https://ctan.org/pkg/alegreya>
- Tennent, Bob. *The alkalami package. A font for Arabic-based writing systems in Nigeria and Niger.* 2017-06-07. Version 1.000. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/alkalami>
 PKG-URL: <https://ctan.org/pkg/alkalami>
- *The almendra package. Almendra fonts with L^AT_EX support.* 2022-09-28. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/almendra>
 PKG-URL: <https://ctan.org/pkg/almendra>
- *The andika package. andika fonts with support for all L^AT_EX engines.* 2022-09-28. Version 6.101. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/andika>
 PKG-URL: <https://ctan.org/pkg/andika>
- *The arimo package. Arimo sans serif fonts with L^AT_EX support.* 2022-09-28. LICENSE: apache2
 URL: <https://mirror.ctan.org/fonts/arimo>
 PKG-URL: <https://ctan.org/pkg/arimo>
- *The atkinson package. Support for the Atkinson Hyperlegible family of fonts.* 2022-09-14. LICENSE: lppl,other-free
 URL: <https://mirror.ctan.org/fonts/atkinson>
 PKG-URL: <https://ctan.org/pkg/atkinson>
- *The autosp package. A Preprocessor that generates note-spacing commands for MusiX_TE_X scores.* 2021-01-07. LICENSE: gpl2+
 URL: <https://mirror.ctan.org/support/autosp>
 PKG-URL: <https://ctan.org/pkg/autosp>
- *The biolinum-type1 package. (pdf)LaTeX support for the Biolinum family of fonts.* 2016-06-24. Version 5.3.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/obsolete/fonts/biolinum-type1>
 PKG-URL: <https://ctan.org/pkg/biolinum-type1>
- *The bitter package. The Bitter family of fonts with L^AT_EX support.* 2022-09-28. LICENSE: lppl,ofl
 URL: <https://mirror.ctan.org/fonts/bitter>
 PKG-URL: <https://ctan.org/pkg/bitter>

- *The cabin package. A humanist Sans Serif font, with L^AT_EX support.* 2022-09-13. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/cabin>
 PKG-URL: <https://ctan.org/pkg/cabin>
- *The caladea package. Support for the Caladea family of fonts.* 2022-09-29. LICENSE: apache2,lppl
 URL: <https://mirror.ctan.org/fonts/caladea>
 PKG-URL: <https://ctan.org/pkg/caladea>
- *The carlito package. Support for Carlito sans-serif fonts.* 2022-10-05. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/carlito>
 PKG-URL: <https://ctan.org/pkg/carlito>
- *The CharisSIL package. CharisSIL fonts with support for all L^AT_EX engines.* 2022-09-15. Version 6.101.
 LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/charissil>
 PKG-URL: <https://ctan.org/pkg/CharisSIL>
- Tennent, Bob. *The cinzel package. LaTeX support for Cinzel and Cinzel Decorative fonts.* 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package's L^AT_EX support.
 URL: <https://mirror.ctan.org/fonts/cinzel>
 PKG-URL: <https://ctan.org/pkg/cinzel>
- *The classico package. URW Classico fonts.* 2022-09-30. LICENSE: nocommercial
 URL: <https://mirror.ctan.org/fonts/urw/classico>
 PKG-URL: <https://ctan.org/pkg/classico>
- *The clearsans package. Clear Sans fonts with L^AT_EX support.* 2022-09-15. LICENSE: apache2,lppl
 URL: <https://mirror.ctan.org/fonts/clearsans>
 PKG-URL: <https://ctan.org/pkg/clearsans>
- *The coelacanth package. Coelacanth fonts with L^AT_EX support.* 2022-09-30. Version 0.005. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/coelacanth>
 PKG-URL: <https://ctan.org/pkg/coelacanth>
- *The CormorantGaramond package. Cormorant Garamond family of fonts.* 2022-09-16. Version 3.601. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/cormorantgaramond>
 PKG-URL: <https://ctan.org/pkg/CormorantGaramond>
- *The crimson package. Crimson fonts with L^AT_EX support.* 2022-09-30. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/crimson>
 PKG-URL: <https://ctan.org/pkg/crimson>
- *The CrimsonPro package. CrimsonPro fonts with L^AT_EX support.* 2022-09-30. LICENSE: ofl,lppl. The CrimsonPro fonts are designed by Jacques Le Bailly and derived from the designed by Sebastian Kosch. The family includes eight weights and italics for each weight.
 URL: <https://mirror.ctan.org/fonts/crimsonpro>
 PKG-URL: <https://ctan.org/pkg/CrimsonPro>
- *The ebgaramond package. LaTeX support for EBGaramond fonts.* 2022-09-11. LICENSE: ofl,lppl
 URL: <https://mirror.ctan.org/fonts/ebgaramond>
 PKG-URL: <https://ctan.org/pkg/ebgaramond>

- *The figbas package*. Mini-fonts for figured-bass notation in music. 2016-06-24. Version 1.0.3. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/figbas>
PKG-URL: <https://ctan.org/pkg/figbas>
- *The fira package*. Fira fonts with L^AT_EX support. 2022-09-17. Version 4.3. LICENSE: ofl,lppl
URL: <https://mirror.ctan.org/fonts/fira>
PKG-URL: <https://ctan.org/pkg/fira>
- *The forum package*. Forum fonts with L^AT_EX support. 2022-09-30. LICENSE: ofl,lppl
URL: <https://mirror.ctan.org/fonts/forum>
PKG-URL: <https://ctan.org/pkg/forum>
- *The gandhi package*. Gandhi Serif and Sans fonts, with L^AT_EX support. 2022-10-01. LICENSE: nosell,lppl
URL: <https://mirror.ctan.org/fonts/gandhi>
PKG-URL: <https://ctan.org/pkg/gandhi>
- *The gillius package*. Gillius fonts with L^AT_EX support. 2017-04-18. LICENSE: gpl2
URL: <https://mirror.ctan.org/fonts/gillius>
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- *The gofonts package*. GoSans and GoMono fonts with L^AT_EX support. 2022-09-12. LICENSE: other-free,lppl
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PKG-URL: <https://ctan.org/pkg/josefin>
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URL: <https://mirror.ctan.org/fonts/libertine>
PKG-URL: <https://ctan.org/pkg/libertine>
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URL: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
PKG-URL: <https://ctan.org/pkg/libertine-type1>
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URL: <https://mirror.ctan.org/fonts/libertinus-type1>
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 PKG-URL: <https://ctan.org/pkg/lobster2>
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 PKG-URL: <https://ctan.org/pkg/Marcellus>
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 PKG-URL: <https://ctan.org/pkg/mintspirit>
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 PKG-URL: <https://ctan.org/pkg/musixtnt>
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 PKG-URL: <https://ctan.org/pkg/mweights>
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 PKG-URL: <https://ctan.org/pkg/overlock>
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 PKG-URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-6>
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 PKG-URL: <https://ctan.org/pkg/amsopn>
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 PKG-URL: <https://ctan.org/pkg/cfgguide>
 - *The classes package. The source of L^AT_EX’s standard classes.* 2022-06-08. Version 1.4n. LICENSE: lppl1.3c. The , , and classes of (and their class option files) all derive from a single source file, ; its contents are extracted to the class files themselves in the course of installing L^AT_EX.
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/classes>
 - *The clsguide package. Documentation of L^AT_EX class and package writing.* 2019-10-04. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/clsguide>

- *The cmextra-latex package. Install macros for “standard” fonts not used by L^AT_EX itself.* 2021-06-01. LICENSE: lpl1.3c. This file extracts font definition files for extra Computer-Modern-based fonts: the fonts by Knuth (and their), and the Cyrillic fonts from the University of Washington (in their variant. (The sources of these font definition files are present in the L^AT_EX distribution, but they are not extracted by default.)
URL: <https://mirror.ctan.org/macros/latex/base/cmextra.ins>
PKG-URL: <https://ctan.org/pkg/cmextra-latex>
- *The ctablestack package. Catcode table stable support.* 2016-06-24. Version 1.0. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/macros/luatex/generic/ctablestack>
PKG-URL: <https://ctan.org/pkg/ctablestack>
- *The cyrillic package. Support for Cyrillic fonts in L^AT_EX.* 2022-06-16. Version 2022-06-01-PL1. LICENSE: lpl1.3
URL: <https://mirror.ctan.org/macros/latex/required/cyrillic>
PKG-URL: <https://ctan.org/pkg/cyrillic>
- *The dvisvgm-def package. Colour and Graphics support for dvisvgm.* 2022-09-23. Version 1.6. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
PKG-URL: <https://ctan.org/pkg/dvisvgm-def>
- The LaTeX Project Team. *The expl3 package. Wrapper package for experimental L^AT_EX3.* 2022-09-29. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
PKG-URL: <https://ctan.org/pkg/expl3>
- *The fixltx2e package. Patches for L^AT_EX.* 2021-06-01. Version 2.1a. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/fixltx2e>
- *The fntguide package. Documentation of L^AT_EX font commands.* 2021-08-26. LICENSE: lpl1
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/fntguide>
- *The fontenc package. Standard package for selecting font encodings.* 2016-06-24. LICENSE: lpl1

PKG-URL: <https://ctan.org/pkg/fontenc>
- *The graphics-cfg package. Sample configuration files for L^AT_EX color and graphics.* 2017-04-18. LICENSE: pd
URL: <https://mirror.ctan.org/macros/latex/contrib/graphics-cfg>
PKG-URL: <https://ctan.org/pkg/graphics-cfg>
- *The l3backend package. LaTeX3 backend drivers.* 2022-09-29. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3backend>
PKG-URL: <https://ctan.org/pkg/l3backend>
- *The l3build package. A testing and building system for (La)TeX.* 2022-09-15. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3build>
PKG-URL: <https://ctan.org/pkg/l3build>
- *The l3docstrip package. Strip documentation in L^AT_EX3 source.* 2022-09-29. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
PKG-URL: <https://ctan.org/pkg/l3docstrip>
- *The l3experimental package. Experimental L^AT_EX3 concepts.* 2022-04-20. LICENSE: lpl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
PKG-URL: <https://ctan.org/pkg/l3experimental>

- *The l3kernel package. LaTeX3 programming conventions.* 2022-09-29. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
 PKG-URL: <https://ctan.org/pkg/l3kernel>
- *The l3keys2e package. LaTeX2e option processing using LaTeX3 keys.* 2022-06-22. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
 PKG-URL: <https://ctan.org/pkg/l3keys2e>
- *The l3packages package. High-level LaTeX3 concepts.* 2022-06-22. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
 PKG-URL: <https://ctan.org/pkg/l3packages>
- *The l3regex package. Regular expression facilities for LaTeX.* 2022-09-29. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/l3kernel/l3regex.dtx>
 PKG-URL: <https://ctan.org/pkg/l3regex>
- *The latex-amsmath package. AMS mathematical facilities for LaTeX.* 2022-06-08. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/amsmath>
 PKG-URL: <https://ctan.org/pkg/latex-amsmath>
- *The latex-amsmath-dev package. Development pre-release of the LaTeX amsmath bundle.* 2022-06-17. Version 2022-11-01 pre-release 0. LICENSE: lpl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
 URL: <https://mirror.ctan.org/macros/latex-dev/required/amsmath>
 PKG-URL: <https://ctan.org/pkg/latex-amsmath-dev>
- The LaTeX Project Team. *The latex-base-dev package. Development pre-release of the LaTeX kernel.* 2022-09-26. Version 2022-11-01 pre-release 2. LICENSE: lpl1.3c. This package provides a testing release for upcoming LaTeX2e kernel changes. Testing by the LaTeX team itself suggests that the code is stable and usable, but wider use by knowledgeable users is required by adding these changes to the release LaTeX kernel. Typically, the code here will be used by a TeX system to create dedicated formats, for example , which can then be used explicitly for testing.
 URL: <https://mirror.ctan.org/macros/latex-dev/base>
 PKG-URL: <https://ctan.org/pkg/latex-base-dev>
- *The latex-doc package. Documentation supplied as part of the LaTeX distribution.* 2022-07-06. Version 2022-06-01-PL5. LICENSE: lpl1.3c. A collection of documentation that is provided with LaTeX itself, listed in the package. Note that (apart from notices of releases) the documentation mostly covers changes and details of adaptations; there are no complete tutorials, such as you might find in the or the .
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/latex-doc>
- *The latex-firstaid package. First aid for external LaTeX files and packages that need updating.* 2022-06-08. Version 1.0r. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/firstaid>
 PKG-URL: <https://ctan.org/pkg/latex-firstaid>
- *The latex-firstaid-dev package. Development pre-release of the LaTeX firstaid package.* 2022-10-03. Version 1.0s. LICENSE: lpl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
 URL: <https://mirror.ctan.org/macros/latex-dev/required/firstaid>
 PKG-URL: <https://ctan.org/pkg/latex-firstaid-dev>
- *The latex-graphics package. The LaTeX standard graphics bundle.* 2022-06-08. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/graphics>
 PKG-URL: <https://ctan.org/pkg/latex-graphics>

- *The latex-graphics-dev package. Development pre-release of the L^AT_EX graphics bundle.* 2022-06-17. Version 2022-11-01 pre-release 0. LICENSE: lpp1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
URL: <https://mirror.ctan.org/macros/latex-dev/required/graphics>
PKG-URL: <https://ctan.org/pkg/latex-graphics-dev>
- *The latex-lab package. LaTeX laboratory.* 2022-06-13. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/required/latex-lab>
PKG-URL: <https://ctan.org/pkg/latex-lab>
- *The latex-lab-dev package. LaTeX laboratory: Development pre-release.* 2022-05-19. Version 2022-06-01 pre-release 4. LICENSE: lpp1.3c. This package provides a testing release for upcoming changes to the latex-lab bundle, which provides a route for additions to the L^AT_EX kernel to be stabilised. It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
URL: <https://mirror.ctan.org/macros/latex-dev/required/latex-lab>
PKG-URL: <https://ctan.org/pkg/latex-lab-dev>
- *The latex-tools package. The L^AT_EX standard tools bundle.* 2022-06-08. LICENSE: lpp1.3c. A collection of (variously) simple tools provided as part of the L^AT_EX distribution, comprising the packages: , , , , , , , , , , , , , , , , and .
URL: <https://mirror.ctan.org/macros/latex/required/tools>
PKG-URL: <https://ctan.org/pkg/latex-tools>
- The LaTeX Project Team. *The latex-tools-dev package. Development pre-release of the L^AT_EX tools bundle.* 2022-09-26. Version 2022-11-01 pre-release 2. LICENSE: lpp1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
URL: <https://mirror.ctan.org/macros/latex-dev/required/tools>
PKG-URL: <https://ctan.org/pkg/latex-tools-dev>
- *The latexbug package. Bug-classification for L^AT_EX related bugs.* 2022-06-14. Version 1.0n. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/required/latexbug>
PKG-URL: <https://ctan.org/pkg/latexbug>
- *The latexrelease package. LaTeX release emulation.* 2022-06-08. Version 1.0o. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/latexrelease>
- *The makeidx package. Standard L^AT_EX package for creating indexes.* 2019-10-04. Version 1.0m. LICENSE: lpp1, lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/makeidx>
- *The minimal package. A trivial class, for use when testing.* 2019-10-04. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/minimal>
- *The modguide package. The rules about modifying L^AT_EX.* 2019-10-04. LICENSE: lpp1
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/modguide>
- *The pdfmanagement-testphase package. LaTeX PDF management testphase bundle.* 2022-09-26. Version 0.95s. LICENSE: lpp1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/pdfmanagement-testphase>
PKG-URL: <https://ctan.org/pkg/pdfmanagement-testphase>

- *Theproc package*. Class for producing “proceedings”. 2022-06-08. Version 1.3m. LICENSE: lppl1.3c. The class provides basic facilities for typesetting the proceedings of an event; it is an extension of the standard .
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/proc>
- *The report package*. Typeset a multi-chapter report. 2021-06-01. Version 1.4n. LICENSE: lppl1.3c. The class provides typesetting rather similar to that of the , omitting some features relevant only when professional book-publishing is to be used.
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/report>
- *The shell esc package*. Unified shell escape interface for L^AT_EX. 2021-01-03. Version 1.0c. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/required/tools>
PKG-URL: <https://ctan.org/pkg/shellest>
- *The shortvrb package*. Abbreviated verbatim commands. 2022-06-16. Version 3.0j. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/shortvrb>
- *The source2e package*. L^AT_EX2e kernel documentation for the entire system as one document. 2017-04-18. LICENSE: lppl

PKG-URL: <https://ctan.org/pkg/source2e>

The L^AT_EX Project Team. *The t1enc package*. Standard package for activating ec fonts. 2016-06-24. LICENSE: lppl. Obsolete package for activating T1 font encoding. The replacement package with (optional) argument does this task more satisfactorily.

PKG-URL: <https://ctan.org/pkg/t1enc>

- *The usrguide package*. User-mode documentation for L^AT_EX. 2019-10-04. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/base>
PKG-URL: <https://ctan.org/pkg/usrguide>
- *The xcoffins package*. Rich boxed material for L^AT_EX 3. 2022-04-20. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
PKG-URL: <https://ctan.org/pkg/xcoffins>
- *The xfp package*. Interface to the L^AT_EX3 floating point unit. 2022-06-22. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
PKG-URL: <https://ctan.org/pkg/xfp>
- *The xgalley package*. Control text feeding onto the page. 2022-04-20. LICENSE: lppl1.3c. The package, currently distributed as part of the bundle, provides control over the boxes that accept material as a page is filled.
URL: <https://mirror.ctan.org/macros/latex/contrib/l3experimental/xgalley.dtx>
PKG-URL: <https://ctan.org/pkg/xgalley>
- *The xparse package*. A generic document command parser. 2022-06-22. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
PKG-URL: <https://ctan.org/pkg/xparse>
- *The xtemplate package*. A high-level interface for declaring document commands. 2022-06-22. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
PKG-URL: <https://ctan.org/pkg/xtemplate>

The LaTeX Project Team and David Carlisle. *The autopict package. The L^AT_EX picture mode, for use with Plain TeX.* 2021-11-15. Version 1.1k. LICENSE: lppl. The installer for this package is distributed with the bundle; the source for the installer is part of the .
 URL: <https://mirror.ctan.org/macros/plain/graphics/autopict.sty>
 PKG-URL: <https://ctan.org/pkg/autopict>

The LaTeX Project Team and Vafa Khalighi. *The iftex package. Am I running under pdfTeX, XeTeX or LuaTeX?* 2022-02-05. Version 1.0f. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/iftex>
 PKG-URL: <https://ctan.org/pkg/iftex>

The LaTeX Project Team and Leslie Lamport. *The latex package. A TeX macro package that defines L^AT_EX.* 2022-07-06. Version 2022-06-01-PL5. LICENSE: lppl1.3c
 PKG-URL: <https://ctan.org/pkg/latex>

The LaTeX Project Team and Werner Lemberg. *The encguide package. Documentation of L^AT_EX font encodings.* 2019-10-04. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/encguide>

The LaTeX Project Team and Frank Mittelbach. *The latex-base package. Base sources of L^AT_EX.* 2022-07-05. Version 2022-06-01-PL5. LICENSE: lppl1.3c. This bundle comprises the source of L^AT_EX itself, together with several packages which are considered ‘part of the kernel’. This bundle, together with the packages, constitutes what every L^AT_EX distribution should contain.
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/latex-base>

The LaTeX Project Team, Frank Mittelbach, and Leslie Lamport. *The unpacked package. Unpacked copy of the L^AT_EX sources.* 2017-04-18. LICENSE: lppl
 PKG-URL: <https://ctan.org/pkg/unpacked>

The LaTeX Project Team and Heiko Oberdiek. *The ifluatex package. Provides the \ifluatex switch.* 2022-02-05. Version 1.5. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/iftex>
 PKG-URL: <https://ctan.org/pkg/ifluatex>

– *The ifpdf package. Provides the \ifpdf conditional.* 2022-02-05. Version 3.4. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/iftex>
 PKG-URL: <https://ctan.org/pkg/ifpdf>

– *The ifvtex package. Detects use of VTeX and its facilities.* 2022-02-05. Version 1.7. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/iftex>
 PKG-URL: <https://ctan.org/pkg/ifvtex>

The LaTeX Project Team, Sebastian Rahtz, Walter A. Schmidt, and Vladimir Volovich. *The required package. Packages “required” of a L^AT_EX distribution.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/required>
 PKG-URL: <https://ctan.org/pkg/required>

The LaTeX Project Team and Will Robertson. *The ifxetex package. Am I running under XeTeX?* 2022-02-05. Version 0.7. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/iftex>
 PKG-URL: <https://ctan.org/pkg/ifxetex>

- The LaTeX Project Team and Martin Scharrer. *The ifetex package*. Provides `\ifetex` switch. 2020-10-01. Version 1.3. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/generic/ifetex>
 PKG-URL: <https://ctan.org/pkg/ifetex>
- The LaTeX Project Team, Kresten Krab Thorup, and Frank Jensen. *The calc package*. Simple arithmetic in \LaTeX commands. 2021-06-01. Version 4.3. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/required/tools>
 PKG-URL: <https://ctan.org/pkg/calc>
- The LaTeX Project Team and Joseph Wright. *The graphics-def package*. Colour and graphics option files. 2022-09-23. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
 PKG-URL: <https://ctan.org/pkg/graphics-def>
- The LuaTeX Team. *The luatex package*. The LuaTeX engine. 2021-12-09. LICENSE: gpl2+
 PKG-URL: <https://ctan.org/pkg/luatex>
- The MetaPost Team and John Hobby. *The metapost package*. A development of Metafont for creating graphics. 2021-08-26. LICENSE: lgpl. MetaPost uses a language based on that of to produce precise technical illustrations. Its output is scalable PostScript or SVG, rather than the bitmaps Metafont creates.
 PKG-URL: <https://ctan.org/pkg/metapost>
- The NTS Project. *The NTS package*. New Typesetting System. 2016-06-24. Version 1.00-beta. LICENSE: other-free
 URL: <https://mirror.ctan.org/systems/nts>
 PKG-URL: <https://ctan.org/pkg/NTS>
- The PGF/TikZ Team, Till Tantau, Christian Feuersänger, and Henri Menke. *The pgf package*. Create PostScript and PDF graphics in TeX. 2021-05-15. Version 3.1.9a. LICENSE: lppl1.3c,gpl2,fdl
 URL: <https://mirror.ctan.org/graphics/pgf/base>
 PKG-URL: <https://ctan.org/pkg/pgf>
- The PGF/TikZ Team and Xu Yuan. *The pgf-pie package*. Draw pie charts, using PGF. 2022-06-15. Version 0.7. LICENSE: gpl2,lppl1.3c. The package provides the means to draw pie (and variant) charts, using .
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-pie>
 PKG-URL: <https://ctan.org/pkg/pgf-pie>
- *The pgf-umlsd package*. Draw UML Sequence Diagrams. 2020-05-27. Version 0.7. LICENSE: gpl. LaTeX macros to draw UML diagrams using
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-umlsd>
 PKG-URL: <https://ctan.org/pkg/pgf-umlsd>
- The STI Pub Companies, Mark Doyle, Khaled Hosny, Will Robertson, and David M. Jones. *The stix package*. OpenType Unicode maths fonts. 2018-04-18. Version 1.1.3. LICENSE: ofl,lppl1.3
 URL: <https://mirror.ctan.org/fonts/stix>
 PKG-URL: <https://ctan.org/pkg/stix>
- The STI Pub Companies and David M. Jones. *The stix2-otf package*. OpenType Unicode text and maths fonts. 2021-04-02. Version 2.12. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/stix2-otf>
 PKG-URL: <https://ctan.org/pkg/stix2-otf>
- *The stix2-type1 package*. Type1 versions of the STIX Two OpenType fonts. 2021-01-16. Version 2.0.2. LICENSE: ofl,lppl1.3

- URL: <https://mirror.ctan.org/fonts/stix2-type1>
 PKG-URL: <https://ctan.org/pkg/stix2-type1>
- The TeX Live Team. *The TeX Live source tree package. Sources of the TeX Live distribution*. 2021-08-26. LICENSE: other-free
 URL: <https://mirror.ctan.org/systems/texlive/Source>
- *The texlive package. A comprehensive distribution of TeX and friends*. 2022-04-04. Version 2022. LICENSE: other-free
 URL: <https://mirror.ctan.org/systems/texlive/Images>
 PKG-URL: <https://ctan.org/pkg/texlive>
 - *The texlive-repo package. A mirror of the TeX Live repository*. 2021-08-26. Version 2016. LICENSE: other-free
 URL: <https://mirror.ctan.org/systems/texlive/tlnet>
 PKG-URL: <https://ctan.org/pkg/texlive-repo>
- The TeX Live Team and Olaf Weber. *The kpathsea package. Path searching library for TeX-related files*. 2022-01-28. LICENSE: lgpl2.1. Kpathsea is a library and utility programs which provide path searching facilities for TeX file types, including the self-locating feature required for movable installations, layered on top of a general search mechanism. It is not distributed separately, but rather is released and maintained as part of the .
- PKG-URL: <https://ctan.org/pkg/kpathsea>
- The TeX4ht Team and Eitan M. Gurari. *The protex package. Literate programming package*. 2018-01-06. LICENSE: lppl. ProTeX is a simple but powerful literate programming tool, which is designed to generate useful hypertext output (either PDF, or HTML using).
- URL: <https://mirror.ctan.org/web/protex>
 PKG-URL: <https://ctan.org/pkg/protex>
- *The TeX4ht package. Convert (La)TeX to HTML/XML*. 2021-10-11. LICENSE: lppl
 URL: <https://mirror.ctan.org/support/TeX4ht>
 PKG-URL: <https://ctan.org/pkg/TeX4ht>
- Theiling, Henrik. *The eurosym package. Metafont and macros for Euro sign*. 2017-04-18. Version 1.4-subrfix. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/eurosym>
 PKG-URL: <https://ctan.org/pkg/eurosym>
- Thiele, Christina. *The ttn package. TeX and TUG news archive*. 2016-06-24. LICENSE: digest
 URL: <https://mirror.ctan.org/info/digests/ttn>
 PKG-URL: <https://ctan.org/pkg/ttn>
- Thielemann, Jens T. Berger and Ivan Andrus. *The chktex package. Check for errors in L^AT_EX documents*. 2019-01-06. Version 1.7.6. LICENSE: gpl2. The program reports typographic and other errors in L^AT_EX documents. Filters are also provided for checking the L^AT_EX parts of documents.
 URL: <https://mirror.ctan.org/support/chktex>
 PKG-URL: <https://ctan.org/pkg/chktex>
- Thiriet, Damien. *The beamerdarkthemes package. Dark color themes for beamer*. 2020-05-10. Version 0.5.1. LICENSE: lppl1.3,cc-by-4
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerdarkthemes>
 PKG-URL: <https://ctan.org/pkg/beamerdarkthemes>

- Thomas, Andy. *The sidenotes package. Typeset notes containing rich content, in the margin.* 2020-03-24. Version 1.00a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sidenotes>
 PKG-URL: <https://ctan.org/pkg/sidenotes>
- Thomas, Matt. *The ln03dvi package. DVI to LN03 driver.* 2016-06-24. Version 1.2-013. LICENSE: noinfo. A development of , written in VAX C, but with conscious efforts to avoid VAX and VMS dependencies (though some dependencies do remain).
 URL: <https://mirror.ctan.org/dviware/ln03/thomas>
 PKG-URL: <https://ctan.org/pkg/ln03dvi>
- Thomas, Reuben. *The alphanum-bst package. Modified alpha BibTeX style.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
 PKG-URL: <https://ctan.org/pkg/alphanum-bst>
- *The alphanumb package. A modification of alpha.bst.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
 PKG-URL: <https://ctan.org/pkg/alphanumb>
 - *The bitfield package. Draw bit field data structure diagrams (obsolete).* 2016-07-21. LICENSE: lppl. Use of this package is no longer recommended, since all its facilities are now better provided by the package.
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/bitfield>
 PKG-URL: <https://ctan.org/pkg/bitfield>
- Thomas, Reuben. *The dashbox package. Draw dashed boxes.* 2016-06-24. Version 1.14. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/dashbox>
 PKG-URL: <https://ctan.org/pkg/dashbox>
- Thomas, Reuben and Robert Jahrling. *The stage package. A L^AT_EX class for stage plays.* 2022-03-30. Version 1.03. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/stage>
 PKG-URL: <https://ctan.org/pkg/stage>
- Thomas, Spencer W. *The undump package. Make a new executable with format loaded.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/obsolete/support/undump>
 PKG-URL: <https://ctan.org/pkg/undump>
- Thompson, Paul A. *The acromake package. Make commands for acronyms.* 2016-06-24. LICENSE: other-nonfree. The command defines a command that will expand to an acronym and its definition (on first use) and just the acronym thereafter.
 URL: <https://mirror.ctan.org/macros/latex/contrib/acromake>
 PKG-URL: <https://ctan.org/pkg/acromake>
- *The newlfm package. Write letters, facsimiles, and memos.* 2019-07-04. Version 9.4. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/newlfm>
 PKG-URL: <https://ctan.org/pkg/newlfm>
 - *The verbasef package. VERBatim Automatic Splitting of External Files.* 2020-03-09. Version 1.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/verbasef>
 PKG-URL: <https://ctan.org/pkg/verbasef>
 - *The vrbexin package. Verbatim input support.* 2016-06-24. Version 1.0b. LICENSE: nosell. The package provides interface functions for to access the facilities of the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc/vrbexin.sty>
 PKG-URL: <https://ctan.org/pkg/vrbexin>

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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/alleqno.sty>
 PKG-URL: <https://ctan.org/pkg/alleqno>
- Thorne, James, Aaron Feickert, and Jonathan Totushek. *The ndsu-thesis package. North Dakota State University disquisition class*. 2018-02-14. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis>
 PKG-URL: <https://ctan.org/pkg/ndsu-thesis>
- Thorup, Kresten Krab. *The ftn package. LaTeX footnotes anywhere*. 2016-06-24. LICENSE: noinfo. Defines a command to modify any environment (except floats) to preserve footnotes. The package, by default, applies the command to , , and (!) environments.
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/ftn.sty>
 PKG-URL: <https://ctan.org/pkg/ftn>
- *The pspic package. Drawing pictures using PostScript specials*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/pspic.sty>
 PKG-URL: <https://ctan.org/pkg/pspic>
- Thorup, Kresten Krab, Per Abrahamsen, and The TeX Live Team. *The lacheck package. LaTeX checker*. 2017-06-27. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/lacheck>
 PKG-URL: <https://ctan.org/pkg/lacheck>
- Thurston, Toby. *The metapost-colorbrewer package. An implementation of the colorbrewer2.org colours for MetaPost*. 2018-09-25. LICENSE: gpl3+
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metapost-colorbrewer>
 PKG-URL: <https://ctan.org/pkg/metapost-colorbrewer>
- Tidefelt, Henrik. *The blockdraw_mp package. Block diagrams and bond graphs, with MetaPost*. 2016-06-24. LICENSE: lppl
 URL: https://mirror.ctan.org/graphics/metapost/contrib/macros/blockdraw_mp
 PKG-URL: https://ctan.org/pkg/blockdraw_mp
- Tilburg, Paul van. *The flagderiv package. Flag style derivation package*. 2016-06-24. Version 0.10. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/flagderiv>
 PKG-URL: <https://ctan.org/pkg/flagderiv>
- Tille, Andreas. *The formula package. Typesetting physical units*. 2016-06-24. Version 0.2. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/formula>
 PKG-URL: <https://ctan.org/pkg/formula>
- Tilman, Frederik. *The latexdiff package. Determine and mark up significant differences between LaTeX files*. 2021-12-28. Version 1.3.2. LICENSE: gpl3. Latexdiff is a Perl script for visual mark up and revision of significant differences between two LaTeX files. Various options are available for visual markup using standard LaTeX packages such as . Changes not directly affecting visible text, for example in formatting commands, are still marked in the LaTeX source. A rudimentary revision facility is provided by another Perl script, latexrevise, which accepts or rejects all changes. Manual editing of the difference file can be used to override this default behaviour and accept or reject selected changes only.
 URL: <https://mirror.ctan.org/support/latexdiff>
 PKG-URL: <https://ctan.org/pkg/latexdiff>
- Tinnefeld, Karsten. *The bophook package. Provides an At-Begin-Page hook*. 2016-06-24. Version 0.02. LICENSE: lppl. Using the hook, you can add material in the background of a page. can be used to give page makeup

- commands to be executed on every page (e.g., depending on the page style).
 URL: <https://mirror.ctan.org/macros/latex/contrib/bophook>
 PKG-URL: <https://ctan.org/pkg/bophook>
- *The corelpak-contrib package. Manage Corel-distributed fonts.* 2020-12-17. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/psfonts/corelpak-contrib>
 PKG-URL: <https://ctan.org/pkg/corelpak-contrib>
 - *The margbib package. Display bibitem tags in the margins.* 2018-09-14. Version 1.0c. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/margbib>
 PKG-URL: <https://ctan.org/pkg/margbib>
 - *The mtgreek package. Use italic and upright greek letters with mathtime.* 2016-06-24. Version 1.1+. LICENSE: lppl. This package is an add-on to the a style to provide TeX support for the use of the MathTime(tm) fonts (formerly distributed by YandY, Inc.). The MathTime package has uppercase Greek letters hardwired to be upright and only upright; this package provides a switch to choose between the two kinds of Greek uppercase letters.
 URL: <https://mirror.ctan.org/macros/latex/contrib/mtgreek>
 PKG-URL: <https://ctan.org/pkg/mtgreek>
- Titz, Thomas. *The biblatex-authoryear-icomp-tt package. Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX.* 2016-06-24. Version 0.1. LICENSE: lppl. This is a style that combines the features of the styles authoryear-comp (omission of recurring author/year in multiple-reference-citations) and authoryear-ibid (replacement of repeated citations by the abbreviation ibidem). The implementation relies heavily on unmodified BibLaTeX macros, and no attempt has been made to add further features not present in core BibLaTeX.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/authoryear-icomp-tt>
 PKG-URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>
- *The idxlayout package. Configurable index layout, responsive to KOMA-Script and memoir.* 2016-06-24. Version 0.4d. LICENSE: lppl. The idxlayout package offers a key-value interface to configure index layout parameters, e.g. allowing for three-column indexes or for “parent” items and their affiliated subitems being typeset as a single paragraph. The package is responsive to the index-related options and commands of the and classes.
 URL: <https://mirror.ctan.org/macros/latex/contrib/idxlayout>
 PKG-URL: <https://ctan.org/pkg/idxlayout>
 - *The quoting package. Consolidated environment for displayed text.* 2016-06-24. Version 0.1c. LICENSE: lppl1.3. As an alternative to the L^AT_EX standard environments and , the package provides a consolidated environment for displayed text. First-line indentation may be activated by adding a blank line before the quoting environment. A key-value interface (using) allows the user to configure font properties and spacing and to control orphans within and after the environment.
 URL: <https://mirror.ctan.org/macros/latex/contrib/quoting>
 PKG-URL: <https://ctan.org/pkg/quoting>
- Toal, Graham. *The CM Type3 package. Type 3 outline versions of the CM fonts.* 2020-02-04. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/cm/ps-type3>
- Tobin, Geoffrey. *The dtl package. Tools to dis-assemble and re-assemble DVI files.* 2016-06-24. Version 0.6.1. LICENSE: pd
 URL: <https://mirror.ctan.org/dviware/dtl>
 PKG-URL: <https://ctan.org/pkg/dtl>

- *The dvgt package. Previewer for use on graphic and character-cell terminals.* 2016-06-24. Version 3.51.
 LICENSE: pd
 URL: <https://mirror.ctan.org/dviware/dvgt>
 PKG-URL: <https://ctan.org/pkg/dvgt>
- *The fig2eng package. Convert fig files to English.* 2016-06-24. Version 0.4. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/fig2eng>
 PKG-URL: <https://ctan.org/pkg/fig2eng>
- *The fig2mpic package. Convert fig output to mfpic.* 2016-06-24. Version 0.024. LICENSE: noinfo. This package is based on , and is firmly targeted at .
 URL: <https://mirror.ctan.org/graphics/fig2mpic>
 PKG-URL: <https://ctan.org/pkg/fig2mpic>
- *The metafont-beginners package. An introductory tutorial for Metafont.* 2016-06-24. LICENSE: pd
 URL: <https://mirror.ctan.org/info/metafont/beginners>
 PKG-URL: <https://ctan.org/pkg/metafont-beginners>
- Tobin, Georgia K. M. and Norman Powroz. *The hands package. Pointing hand font.* 2019-02-03. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/hands>
 PKG-URL: <https://ctan.org/pkg/hands>
- Tobotras, Boris. *The lshort-russian package. Russian introduction to L^AT_EX.* 2020-06-17. LICENSE: gpl. Russian version of
 URL: <https://mirror.ctan.org/info/lshort/russian>
 PKG-URL: <https://ctan.org/pkg/lshort-russian>
- Toby, B. H. *The fortran package. Print Fortran programs.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/fortran.tex>
 PKG-URL: <https://ctan.org/pkg/fortran>
- *The listing-pln package. Almost-verbatim list programs.* 2016-06-24. LICENSE: noinfo. This is a development (using the facilities of the bundle) of the author’s package.
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/listing.mac>
 PKG-URL: <https://ctan.org/pkg/listing-pln>
- Tolksdorf, Robert. *The prelim package. Mark preliminary copies with a line of information.* 2016-06-24.
 LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex209/contrib/prelim>
 PKG-URL: <https://ctan.org/pkg/prelim>
- Tolušis, Sigita. *The cuted package. Mixing onecolumn and twocolumn modes.* 2021-10-11. Version 2.0. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools/cuted.dtx>
 PKG-URL: <https://ctan.org/pkg/cuted>
- *The flushend package. Balancing columns at last page.* 2021-10-11. Version 4.0. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/flushend>
- *The lithuanian package. Lithuanian language support.* 2018-01-06. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/language/lithuanian>
 PKG-URL: <https://ctan.org/pkg/lithuanian>
- *The lithuanian-babel package. Babel support for documents written in Lithuanian.* 2017-12-13. Version 0.5.
 LICENSE: lpl1.3
 PKG-URL: <https://ctan.org/pkg/lithuanian-babel>

- *The marginal package*. Extensions to `\marginpar` handling. 2016-06-29. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/obsolete/macros/latex/contrib/marginal>
 PKG-URL: <https://ctan.org/pkg/marginal>
- *The midfloat package*. Mixing onecolumn and twocolumn modes at any place of page. 2021-10-11. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/midfloat>
- *The stabular package*. Multipage tabular. 2021-10-11. Version 2.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/stabular>
- *The stfloats package*. Commands to control the presentation of floats. 2021-10-11. Version 3.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/stfloats>
- *The texsort package*. Sort/compress numerical lists. 2021-10-11. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/texsort>
- Tolušis, Sigitas and Vytas Statulevičius. *The sttools package*. Various macros. 2021-10-11. Version 3.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/sttools>
 PKG-URL: <https://ctan.org/pkg/sttools>
- Tómacs, Tibor. *The bookcover package*. A class for book covers and dust jackets. 2022-08-08. Version 3.4. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/bookcover>
 PKG-URL: <https://ctan.org/pkg/bookcover>
- *The fgruler package*. Draw rulers on the foreground or in the text. 2022-06-25. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/fgruler>
 PKG-URL: <https://ctan.org/pkg/fgruler>
- *The hulipsum package*. Hungarian dummy text (Lórum ipse). 2020-11-03. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/hulipsum>
 PKG-URL: <https://ctan.org/pkg/hulipsum>
- *The numspell package*. Spelling cardinal and ordinal numbers. 2021-11-23. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/numspell>
 PKG-URL: <https://ctan.org/pkg/numspell>
- *The thesis-ekf package*. Thesis class for Eszterházy Károly Catholic University. 2021-08-12. Version 4.2. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/thesis-ekf>
 PKG-URL: <https://ctan.org/pkg/thesis-ekf>
- Tomonaga, Shin-Ichiro and Hideki Yukawa. *The ptptex package*. Macros for ‘Progress of Theoretical Physics’. 2016-06-24. Version 0.91. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ptptex>
 PKG-URL: <https://ctan.org/pkg/ptptex>
- Torchiano, Marco. *The TOPletter package*. Letter class for the Politecnico di Torino. 2018-07-12. Version 0.3.0. LICENSE: apache2. This package provides a L^AT_EX class for typesetting letters conforming to the official . The class can be used for letters written in Italian and in English.

- URL: <https://mirror.ctan.org/macros/latex/contrib/topletter>
 PKG-URL: <https://ctan.org/pkg/TOPletter>
- Toshio, Oshima, Yoshiki Otobe, Kazunori Asayama, and Takuji Tanaka. *The dviout package. TeX previewer and printer driver for MS-Windows*. 2021-05-09. Version 3.19.0. LICENSE: other-free. The program supports a variety of printing mechanisms (including PDF output via), and can use most extant font formats (including the long-outdated TeX PXL format). The program will use output from Omega as well as from TeX, and understands a wide variety of commands.
 URL: <https://mirror.ctan.org/dviware/dviout>
 PKG-URL: <https://ctan.org/pkg/dviout>
- Trajanovski, Stojan. *The babel-macedonian package. Babel module to support Macedonian Cyrillic*. 2016-06-24. LICENSE: lpl1.3. The package provides support for Macedonian documents written in Cyrillic, in .
 URL: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/macedonian>
 PKG-URL: <https://ctan.org/pkg/babel-macedonian>
- Tran, Tony. *The vietnet package. Preprocessor and macros for Vietnamese*. 2016-06-24. LICENSE: noinfo. VNTeX is a preprocessor (written in C) that translates Vietnamese text, written according to a specific set of rules, into TeX. VNTeX takes an file and creates a corresponding file, together with a file of supporting macros.
 URL: <https://mirror.ctan.org/language/vietnamese/vietnet>
 PKG-URL: <https://ctan.org/pkg/vietnet>
- Trautmann, Arno L. *The chickenize package. Use lua callbacks for “interesting” textual effects*. 2021-01-03. Version 0.3. LICENSE: lpl1.3. The package allows manipulations of any LuaTeX document (it is known to work with Plain LuaTeX and LuaLaTeX). Most of the package’s functions are merely for fun or educational use, but some functions (for example, for visualising the badness and font expansion of each line, and doing what its name says) could be useful in a “normal” LuaTeX document.
 URL: <https://mirror.ctan.org/macros/luatex/generic/chickenize>
 PKG-URL: <https://ctan.org/pkg/chickenize>
- *The placeat package. Absolute content positioning*. 2017-08-26. Version 0.1d1. LICENSE: lpl1.3. The package provides commands so that the user of LuaLaTeX may position arbitrary content at any position specified by absolute coordinates on the page. The package draws a grid on each page of the document, to aid positioning (the grid may be disabled, for ‘final copy’ using the command).
 URL: <https://mirror.ctan.org/macros/luatex/latex/placeat>
 PKG-URL: <https://ctan.org/pkg/placeat>
 - *The tex-overview package. An overview of the development of TeX*. 2016-06-24. Version 0.2. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/info/tex-overview>
 PKG-URL: <https://ctan.org/pkg/tex-overview>
- Trettin, Mark and Gonzalo Medina Arellano. *The 12tabu-spanish package. Spanish translation of “Obsolete packages and commands”*. 2016-06-24. Version 1.1. LICENSE: pd. A Spanish translation of the practical guide to L^AT_EX2e by Mark Trettin. A list of obsolete packages, commands and usages.
 URL: <https://mirror.ctan.org/info/12tabu/spanish>
 PKG-URL: <https://ctan.org/pkg/12tabu-spanish>
- Trettin, Mark and Jürgen Fenn. *The 12tabu-english package. English translation of “Obsolete packages and commands”*. 2016-06-24. Version 1.8.5.7. LICENSE: gpl. English translation of the practical guide to L^AT_EX2e by Mark Trettin. A list of obsolete packages and commands.
 URL: <https://mirror.ctan.org/info/12tabu/english>
 PKG-URL: <https://ctan.org/pkg/12tabu-english>

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 URL: <https://mirror.ctan.org/systems/mac/oztex>
 PKG-URL: <https://ctan.org/pkg/oztex>
- Trifonov, Peter. *The oletex package. OLE - L^AT_EX interface*. 2017-04-18. Version 1.0 b4. LICENSE: gpl
 URL: <https://mirror.ctan.org/systems/win32/oletex>
 PKG-URL: <https://ctan.org/pkg/oletex>
- Trinkle, Daniel. *The detex package. Strip TeX from a source file*. 2020-03-15. LICENSE: other-free
 PKG-URL: <https://ctan.org/pkg/detex>
- Triska, Markus. *The Finomaton package. Comfortably draw and typeset finite state machines*. 2018-01-06. Version 1.0. LICENSE: gpl
 URL: <https://mirror.ctan.org/graphics/finomaton>
 PKG-URL: <https://ctan.org/pkg/Finomaton>
- *The greenpoint package. The Green Point logo*. 2018-01-06. LICENSE: gpl. A Metafont-implementation of the logo commonly known as ‘Der Grüne Punkt’ (‘The Green Point’). In Austria, it can be found on nearly every bottle. It should not be confused with the , implemented by Ian Green.
 URL: <https://mirror.ctan.org/fonts/greenpoint>
 PKG-URL: <https://ctan.org/pkg/greenpoint>
- Trzeciak, Tomasz M. *The cachepic package. Convert document fragments into graphics*. 2016-06-24. Version 1.0. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/cachepic>
 PKG-URL: <https://ctan.org/pkg/cachepic>
- *The docmute package. Input files ignoring L^AT_EX preamble, etc*. 2016-06-24. Version 1.4. LICENSE: lppl1.3. Input or include stand-alone L^AT_EX documents, ignoring everything but the material between and .
 URL: <https://mirror.ctan.org/macros/latex/contrib/docmute>
 PKG-URL: <https://ctan.org/pkg/docmute>
- Tse, Kwanleung. *The hktex package. A TeX/LaTeX equivalent for Android*. 2016-06-24. Version 2.04. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/systems/android/hktex>
 PKG-URL: <https://ctan.org/pkg/hktex>
- Tsolomitis, Antonis. *The Epigrafica package. A Greek and Latin font*. 2017-04-18. Version 1.01. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/greek/epigrafica>
 PKG-URL: <https://ctan.org/pkg/Epigrafica>
- *The fontsetup package. A front-end to fontspec, for selected fonts with math support*. 2022-03-06. Version 1.3. LICENSE: gpl3. This package facilitates the use of for users who do not wish to bother with details, with a special focus on quality fonts supporting Mathematics.
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup>
 PKG-URL: <https://ctan.org/pkg/fontsetup>
- *The fontsetup-nonfree package. A front-end to fontspec, for selected non-free fonts*. 2021-09-11. Version 1.02. LICENSE: gpl3. This package accompanies and includes support for nonfree fonts.
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup-nonfree>
 PKG-URL: <https://ctan.org/pkg/fontsetup-nonfree>

- *The GFS Solomos package. A Greek-alphabet font.* 2017-04-18. Version 1.0. LICENSE: ofl
URL: <https://mirror.ctan.org/fonts/greek/gfs/gfssolomos>

- *The GFSDidotClassic package. The classic version of GFSDidot.* 2019-11-15. Version 001.001. LICENSE: ofl
URL: <https://mirror.ctan.org/fonts/greek/gfs/gfsdidotclassic>
PKG-URL: <https://ctan.org/pkg/GFSDidotClassic>
- *The GFSNeohellenicMath package. A math font in the Neo-Hellenic style.* 2022-07-18. Version 1.02. LICENSE: ofl
URL: <https://mirror.ctan.org/fonts/gfsneohellenicmath>
PKG-URL: <https://ctan.org/pkg/GFSNeohellenicMath>
- *The greekdates package. Provides ancient Greek day and month names, dates, etc.* 2016-06-24. Version 1.0. LICENSE: lppl. The package provides easy access to ancient Greek names of days and months of various regions of Greece. In case the historical information about a region is not complete, we use the Athenian name of the month. Moreover commands and options are provided, in order to completely switch to the “ancient way”, commands such as .
URL: <https://mirror.ctan.org/macros/latex/contrib/greekdates>
PKG-URL: <https://ctan.org/pkg/greekdates>
- *The kerkis package. Kerkis (Greek) font family.* 2021-08-26. Version 1.11. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/fonts/greek/kerkis>
PKG-URL: <https://ctan.org/pkg/kerkis>
- Tsolomitis, Antonis. *The NewComputerModern package. Computer Modern fonts including matching non-latin alphabets.* 2021-12-15. Version 4.1. LICENSE: gfl
URL: <https://mirror.ctan.org/fonts/newcomputermodern>
PKG-URL: <https://ctan.org/pkg/NewComputerModern>
- *The talos package. A Greek cult font from the eighties.* 2022-02-08. Version 1.0. LICENSE: gfl
URL: <https://mirror.ctan.org/fonts/greek/talos>
PKG-URL: <https://ctan.org/pkg/talos>
- *The txfontsb package. Extensions to txfonts, using GNU Freefont.* 2019-11-12. Version 1.1.1. LICENSE: gpl,lppl1. A set of fonts that extend the bundle with small caps and old style numbers, together with Greek support. The extensions are made with modifications of the .
URL: <https://mirror.ctan.org/fonts/txfontsb>
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PKG-URL: <https://ctan.org/pkg/GFSDidot>
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URL: <https://mirror.ctan.org/fonts/greek/gfs/gfscomplutum>

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 URL: <https://mirror.ctan.org/fonts/greek/gfs>
 PKG-URL: <https://ctan.org/pkg/GFS>
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 URL: <https://mirror.ctan.org/fonts/greek/gfs/gfsbaskerville>
- *The GFS Bodoni package. A Greek and Latin font based on Bodoni.* 2017-04-18. Version 1.01. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/greek/gfs/gfsbodoni>
- *The GFS NeoHellenic package. A font in the Neo-Hellenic style.* 2022-07-20. Version 1.02. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/greek/gfs/gfsneohellenic>
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 URL: <https://mirror.ctan.org/fonts/greek/gfs/gfsporson>
- Tsur, Dekel. *The ldiff package. A script for marking the differences between two L^AT_EX files.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/ldiff>
 PKG-URL: <https://ctan.org/pkg/ldiff>
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 URL: <https://mirror.ctan.org/graphics/tpx>
 PKG-URL: <https://ctan.org/pkg/T_PX>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/inputfile.sty>
 PKG-URL: <https://ctan.org/pkg/inputfile>
- TUG DVI Standards Working Group. *The dvistd package. A standard for DVI drivers.* 2016-06-24. Version 0.05. LICENSE: noinfo
 URL: <https://mirror.ctan.org/dviware/driv-standard>
 PKG-URL: <https://ctan.org/pkg/dvistd>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/lucidabr>
 PKG-URL: <https://ctan.org/pkg/lucidabr>
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 URL: <https://mirror.ctan.org/systems/mac/mactex>
 PKG-URL: <https://ctan.org/pkg/mactex>
- *The mactex-basic package. A basic TeX distribution for the Macintosh.* 2021-08-26. LICENSE: other-free
 URL: <https://mirror.ctan.org/systems/mac/mactex/BasicTeX.pkg>
 PKG-URL: <https://ctan.org/pkg/mactex-basic>

- *The mactextrs package. Extras for the MacTeX distribution.* 2022-04-04. LICENSE: other-free. MacTeXtras is a collection of auxiliary material for Macintosh machines, beyond what provides; it is distributed as a file, that contains extra programs, demos and documentation for MacTeX users.
URL: <https://mirror.ctan.org/systems/mac/mactex/MacTeXtras.zip>
PKG-URL: <https://ctan.org/pkg/mactextrs>
- TUG TWG-TDS. *The tds package. The TeX Directory Structure standard.* 2022-09-22. Version 1.1. LICENSE: other-free
URL: <https://mirror.ctan.org/info/tds>
PKG-URL: <https://ctan.org/pkg/tds>
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URL: <https://mirror.ctan.org/macros/latex/contrib/lastbib>
PKG-URL: <https://ctan.org/pkg/lastbib>
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URL: <https://mirror.ctan.org/macros/latex/contrib/sciwordconv>
PKG-URL: <https://ctan.org/pkg/SciWordConv>
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URL: <https://mirror.ctan.org/macros/latex/contrib/susy>
PKG-URL: <https://ctan.org/pkg/susy>
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URL: <https://mirror.ctan.org/macros/latex/contrib/brandeis-problemset>
PKG-URL: <https://ctan.org/pkg/brandeis-problemset>
- *The changelog package. Provides a changelog environment.* 2020-09-02. Version 2.4.0. LICENSE: gpl3
URL: <https://mirror.ctan.org/macros/latex/contrib/changelog>
PKG-URL: <https://ctan.org/pkg/changelog>
- *The ltxguidex package. An extended ltxguide class.* 2019-04-15. Version 0.2.0. LICENSE: lppl1.3c. The document class extends with a set of environments and commands that make writing beautiful L^AT_EX documentation easier and more natural.
URL: <https://mirror.ctan.org/macros/latex/contrib/ltxguidex>
PKG-URL: <https://ctan.org/pkg/ltxguidex>
- *The rbt-mathnotes package. Rebecca Turner’s personal macros and styles for typesetting mathematics notes.* 2021-12-02. Version 1.0.2. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/rbt-mathnotes>
PKG-URL: <https://ctan.org/pkg/rbt-mathnotes>
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URL: <https://mirror.ctan.org/fonts/chess/chess>
PKG-URL: <https://ctan.org/pkg/chess>
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URL: <https://mirror.ctan.org/language/hyphenation/nehyph.tex>
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URL: <https://mirror.ctan.org/fonts/utilities/ps2pk>
PKG-URL: <https://ctan.org/pkg/ps2pk>

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 URL: <https://mirror.ctan.org/biblio/bibtex/utils/mathscinet>
 PKG-URL: <https://ctan.org/pkg/mathscinet>
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 URL: <https://mirror.ctan.org/obsolete/fonts/musixtex/ps-type1/musixps-unix.tar.gz>
 PKG-URL: <https://ctan.org/pkg/musixtex-t1fonts>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/autobreak>
 PKG-URL: <https://ctan.org/pkg/autobreak>
- UK TeX Users Group. *The uktug-bask package. Old copies and sources of Baskerville.* 2017-04-18. LICENSE: noinfo. The source and PDF files of the UK TUG journal , from volume 3 to volume 8.
 URL: <https://mirror.ctan.org/usergrps/uktug/baskervi>
 PKG-URL: <https://ctan.org/pkg/uktug-bask>
- Ukai, Hiroshi. *The ditaa package. Use ditaa diagrams within L^AT_EX documents.* 2018-10-20. Version 0.9. LICENSE: lppl. With this package ditaa () diagrams can be embedded directly into L^AT_EX files.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ditaa>
 PKG-URL: <https://ctan.org/pkg/ditaa>
- Ulfberg, Staffan. *The alg package. LaTeX environments for typesetting algorithms.* 2016-06-24. LICENSE: lppl. Defines two environments for typesetting algorithms in L^AT_EX2e. The algtab environment is used to typeset an algorithm with automatically numbered lines. The environment can be used to encapsulate the environment algorithm in a floating body together with a header, a caption, etc. \listofalgorithms is defined.
 URL: <https://mirror.ctan.org/macros/latex/contrib/alg>
 PKG-URL: <https://ctan.org/pkg/alg>
- Ulrich, Stefan. *The srcltx package. Jump between DVI and TeX files.* 2016-06-24. Version 1.6. LICENSE: pd. Provides a insertion into generated .dvi files allowing one to jump from the .dvi file to the .tex source and back again (given a .dvi viewer that supports this, such as Yap or xdvi version 22.38 or later). This was originally written by Aleksander Simonic, the author of the shell.
 URL: <https://mirror.ctan.org/macros/latex/contrib/srcltx>
 PKG-URL: <https://ctan.org/pkg/srcltx>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mparhack>
 PKG-URL: <https://ctan.org/pkg/mparhack>
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 URL: <https://mirror.ctan.org/macros/generic/infpic>
 PKG-URL: <https://ctan.org/pkg/infpic>
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 PKG-URL: <https://ctan.org/pkg/geometry-de>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/geometry>
 PKG-URL: <https://ctan.org/pkg/geometry>
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 URL: <https://mirror.ctan.org/fonts/ccicons>
 PKG-URL: <https://ctan.org/pkg/ccicons>
- *The fdsymbol package. A maths symbol font*. 2021-08-26. Version 0.8. LICENSE: ofl
 URL: <https://mirror.ctan.org/fonts/fdsymbol>
 PKG-URL: <https://ctan.org/pkg/fdsymbol>
 - *The tabfigures package. Maintain vertical alignment of figures*. 2016-06-24. Version 1.1. LICENSE: lppl1.3
 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>
- *The hlatex package. Support for the Korean language*. 2016-06-24. Version 1.0.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/language/korean/HLaTeX>
 PKG-URL: <https://ctan.org/pkg/hlatex>
- Un, Koaunghi. *The uhc package. Fonts for the Korean language*. 2017-06-19. LICENSE: lppl
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/xytree>
 PKG-URL: <https://ctan.org/pkg/xytree>
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 URL: <https://mirror.ctan.org/macros/generic/misc/cropmark.tex>
 PKG-URL: <https://ctan.org/pkg/cropmark-pu>
- *The pagereference package. Labels and references in Plain TeX*. 2020-04-11. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/misc/pagereference.tex>
 PKG-URL: <https://ctan.org/pkg/pagereference>
- Unknown. *The Aalok package. LaTeX class file for the Marathi journal 'Aalok'*. 2022-01-21. Version 0.6. LICENSE: gpl3+,other-free,fdl
 URL: <https://mirror.ctan.org/macros/unicodetex/latex/aalok>
 PKG-URL: <https://ctan.org/pkg/Aalok>
- *The acs package. LaTeX 2.09 support for Advances in Control Systems*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/acs>
 PKG-URL: <https://ctan.org/pkg/acs>

- *The adobe-euro package. Metric and map files for the Adobe Euro fonts.* 2018-06-05. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/adobe-euro>
 PKG-URL: <https://ctan.org/pkg/adobe-euro>
- *The annotate package. A bibliography style with annotations.* 2016-06-24. LICENSE: other-free. The style is a derivative of the standard style, which processes an entry’s field as part of the printed output.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotate.bst>
 PKG-URL: <https://ctan.org/pkg/annotate>
- *The annotation package. A BibTeX style that processes annotations.* 2016-06-24. LICENSE: other-free. The style is a derivative of the standard style, which prints each entry’s label, and processes any field as part of the printed output.
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotation.bst>
 PKG-URL: <https://ctan.org/pkg/annotation>
- *The appelt-chess package. Chess board macros using standard fonts.* 2016-06-24. LICENSE: noinfo. The package provides the means of printing chess boards with a more-or-less appropriate selection of glyphs from the computer modern fonts; the macros and allow the progress of a game to be notated and printed.
 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>
- Unknown. *The astyped package. Verbatim environment, with rather few escapes.* 2016-06-24. Version 1.3. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/astyped.sty>
 PKG-URL: <https://ctan.org/pkg/astyped>
- *The asymptote-by-example-zh-cn package. Asymptote by example.* 2021-12-29. LICENSE: gpl
 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>
- *The automagic package. Automagic numbering in Plain TeX.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/automagic.tex>
 PKG-URL: <https://ctan.org/pkg/automagic>
- *The autotoc package. Table of contents in Plain TeX.* 2016-06-24. LICENSE: noinfo
 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^AT_EX.* 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>
 - *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>
- Unknown. *The book-examples package. A collection of examples from published TeX-related books.* 2016-06-24. LICENSE: collection
- PKG-URL: <https://ctan.org/pkg/book-examples>
- *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^AT_EX.* 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/ChineseJFM>
- *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>
 - *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>
 - *The datestamp package. Fixed date-stamps with LuaLaTeX.* 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl
 URL: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
 PKG-URL: <https://ctan.org/pkg/datestamp>
- Unknown. *The deflist package. A variation on the description environment.* 2016-06-24. LICENSE: noinfo.
 The command `enviroment` 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>
- *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>
- Unknown. *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^AT_EX package for referencing groups of pages that share something in common. 2022-09-13. Version 1.0.0. LICENSE: gpl3+. is a L^AT_EX 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>
- *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>
- Unknown. *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: lpl1.3c
 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/utis/JavaBib>
 PKG-URL: <https://ctan.org/pkg/JavaBib>
- *The jigsaw package*. Draw jigsaw pieces with TikZ. 2022-07-18. Version 0.3. LICENSE: lpl1.3c
 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>
 - *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^AT_EX.
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
 PKG-URL: <https://ctan.org/pkg/longtocline>
 - *The ltxmisc package. Miscellaneous L^AT_EX packages, etc.* 2016-06-18. LICENSE: collection
 URL: <https://mirror.ctan.org/macros/latex/contrib/misc>
 PKG-URL: <https://ctan.org/pkg/ltxmisc>
- Unknown. *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 X_YL^AT_EX or LuaL^ATeX.* 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>
- *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>
- Unknown. *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/utils/printbib>
 PKG-URL: <https://ctan.org/pkg/printbib>
- *The psfonts package. PostScript fonts for use with TeX and L^AT_EX.* 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^AT_EX. 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>
- *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>
- Unknown. *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^AT_EX, 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>
- *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>
- Unknown. *The tgrind209 package. Support tgrind in L^AT_EX 2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L^AT_EX 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^AT_EX 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 an 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>
 - *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>
- Unknown. *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/UK-TeX>
 - *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>
- *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>
- Unknown. *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>
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 PKG-URL: <https://ctan.org/pkg/timetable>
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 PKG-URL: <https://ctan.org/pkg/vocaltract>
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 PKG-URL: <https://ctan.org/pkg/loggates>
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 PKG-URL: <https://ctan.org/pkg/rmthm>

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 PKG-URL: <https://ctan.org/pkg/xrefwarn>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/mentis>
 PKG-URL: <https://ctan.org/pkg/mentis>
- *The stdpage package. Standard pages with n lines of at most m characters each.* 2016-06-24. Version 0.6. LICENSE: lppl1.2
 URL: <https://mirror.ctan.org/macros/latex/contrib/stdpage>
 PKG-URL: <https://ctan.org/pkg/stdpage>
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 PKG-URL: <https://ctan.org/pkg/psbao>
- Veytsman, Boris. *The acmart package. Class for typesetting publications of ACM.* 2022-07-08. Version 1.86. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/acmart>
 PKG-URL: <https://ctan.org/pkg/acmart>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/adjmulticol>
 PKG-URL: <https://ctan.org/pkg/adjmulticol>
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 PKG-URL: <https://ctan.org/pkg/adobecaslon>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/afparticle>
 PKG-URL: <https://ctan.org/pkg/afparticle>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/aomart>
 PKG-URL: <https://ctan.org/pkg/aomart>
- *The bestpapers package. A BibTeX package to produce lists of authors' best papers.* 2016-06-24. Version 1.0. LICENSE: pd
 URL: <https://mirror.ctan.org/biblio/bibtex/contrib/bestpapers>
 PKG-URL: <https://ctan.org/pkg/bestpapers>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/commedit>
 PKG-URL: <https://ctan.org/pkg/commedit>

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 URL: <https://mirror.ctan.org/support/crossrefware>
 PKG-URL: <https://ctan.org/pkg/crossrefware>
- *The divine package. LaTeX support for the divine font.* 2020-08-29. Version 1.0. LICENSE: other-free. The package provides support files for the from the .
 URL: <https://mirror.ctan.org/fonts/divine>
 PKG-URL: <https://ctan.org/pkg/divine>
- *The dogma package. Metrics and LaTeX support for Dogma Font From Emigre Graphics.* 2016-06-24. Version 1.3. LICENSE: bsd. This package provides metric files and LaTeX support for the , designed by Zuzana Licko in 1994. It has everything you need to typeset in this font — except, of course, the font itself.
 URL: <https://mirror.ctan.org/fonts/psfonts/emigre/dogma>
 PKG-URL: <https://ctan.org/pkg/dogma>
- *The envlab package. Addresses on envelopes or mailing labels.* 2022-02-03. Version 1.2. LICENSE: lppl. A LaTeX package for producing mailing envelopes and labels, including barcodes and address formatting according to the US Postal Service rules. Redefines the standard command of the LaTeX letter documentclass.
 URL: <https://mirror.ctan.org/macros/latex/contrib/envlab>
 PKG-URL: <https://ctan.org/pkg/envlab>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/erdc>
 PKG-URL: <https://ctan.org/pkg/erdc>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/estcpmm>
 PKG-URL: <https://ctan.org/pkg/estcpmm>
- *The fitbox package. Fit graphics on a page.* 2019-02-21. Version 1.02. LICENSE: lppl1.3. The package allows a box (usually an box) to fit on the page. It scales the box to the maximal allowed size within the user-set limits. If there is not enough space on the page, the box is moved to the next one.
 URL: <https://mirror.ctan.org/macros/latex/contrib/fitbox>
 PKG-URL: <https://ctan.org/pkg/fitbox>
- *The foilhtml package. Interface between foiltex and LaTeX2HTML.* 2022-02-03. Version 1.2. LICENSE: lppl. Provides integration between and , adding sectioning commands and elements of logical formatting to FoilTeX and providing support for FoilTeX commands in LaTeX2HTML.
 URL: <https://mirror.ctan.org/macros/latex/contrib/foilhtml>
 PKG-URL: <https://ctan.org/pkg/foilhtml>
- *The futurans package. Metrics and LaTeX support for Futura Fonts From Adobe As Used By No Starch Press.* 2021-09-11. Version 1.0b. LICENSE: bsd
 URL: <https://mirror.ctan.org/fonts/psfonts/adobe/futurans>
 PKG-URL: <https://ctan.org/pkg/futurans>
- *The gillcm package. Alternative unslanted italic Computer Modern fonts.* 2016-06-24. Version 1.1. LICENSE: bsd
 URL: <https://mirror.ctan.org/fonts/gillcm>
 PKG-URL: <https://ctan.org/pkg/gillcm>
- *The ijmart package. LaTeX Class for the Israel Journal of Mathematics.* 2016-06-24. Version 1.7. LICENSE: lppl. The Israel Journal of Mathematics is published by The Hebrew University Magnes Press. This class provides LaTeX support for its authors and editors. It strives to achieve the distinct “look and feel” of the

- journal, while having the interface similar to that of the document class. This will help authors already familiar with `amsart` to easily submit manuscripts for The Israel Journal of Mathematics or to put the preprints in with minimal changes in the \LaTeX source.
- URL: <https://mirror.ctan.org/macros/latex/contrib/ijmart>
 PKG-URL: <https://ctan.org/pkg/ijmart>
- *The imprintmtshadow package. Support files for the Monotype Imprint Shadow fonts.* 2021-09-11. Version 1.0. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/imprintmtshadow>
 PKG-URL: <https://ctan.org/pkg/imprintmtshadow>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/issuulinks>
 PKG-URL: <https://ctan.org/pkg/issuulinks>
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 URL: <https://mirror.ctan.org/fonts/jamtimes>
 PKG-URL: <https://ctan.org/pkg/jamtimes>
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 URL: <https://mirror.ctan.org/fonts/lsabon>
 PKG-URL: <https://ctan.org/pkg/lsabon>
- Veytsman, Boris. *The mathgifi package. Support for Microsoft Georgia and ITC Franklin Gothic.* 2016-06-24. Version 0.4. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/mathgifi>
 PKG-URL: <https://ctan.org/pkg/mathgifi>
- *The mdputu package. Upright digits in Adobe Utopia Italic.* 2016-06-24. Version 1.2. LICENSE: other-free. The Annals of Mathematics uses italics for theorems. However, slanted digits and parentheses look disturbing when surrounded by (upright) mathematics. This package provides virtual fonts with italics and upright digits and punctuation, as an extension to .
 URL: <https://mirror.ctan.org/fonts/mdputu>
 PKG-URL: <https://ctan.org/pkg/mdputu>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/multiaudience>
 PKG-URL: <https://ctan.org/pkg/multiaudience>
 - *The nbaskerv package. Metrics and \LaTeX support for ITC New Baskerville Font From Adobe.* 2016-06-24. Version 1.0c. LICENSE: bsd
 URL: <https://mirror.ctan.org/fonts/psfonts/adobe/nbaskerv>
 PKG-URL: <https://ctan.org/pkg/nbaskerv>
 - *The nmbib package. Multiple versions of a bibliography, with different sort orders.* 2016-06-24. Version 1.04. LICENSE: lpl1.3. This package is a rewrite of the package providing multiple bibliographies with different sorting. The new version offers a number of citation commands, streamlines the creation of bibliographies, ensures compatibility with the package, and provides other improvements.
 URL: <https://mirror.ctan.org/macros/latex/contrib/nmbib>
 PKG-URL: <https://ctan.org/pkg/nmbib>
 - *The nostarch package. \LaTeX class for No Starch Press.* 2017-04-18. Version 1.3. LICENSE: lpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/nostarch>
 PKG-URL: <https://ctan.org/pkg/nostarch>

- *The pcarl package*. *LaTeX Support for Adobe Caslon Open Face*. 2021-09-11. Version 1.0a. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/pcarl>
 PKG-URL: <https://ctan.org/pkg/pcarl>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/philosophersimprint>
 PKG-URL: <https://ctan.org/pkg/philosophersimprint>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/koi8>
 PKG-URL: <https://ctan.org/pkg/rawprint>
- *The resphilosophica package*. *Typeset articles for the journal Res Philosophica*. 2019-04-25. Version 1.35. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/resphilosophica>
 PKG-URL: <https://ctan.org/pkg/resphilosophica>
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 PKG-URL: <https://ctan.org/pkg/rviewport>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/sageep>
 PKG-URL: <https://ctan.org/pkg/sageep>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/seqsplit>
 PKG-URL: <https://ctan.org/pkg/seqsplit>
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 URL: <https://mirror.ctan.org/support/srcredact>
 PKG-URL: <https://ctan.org/pkg/srcredact>
- *The tex-vpat package*. *TeX Accessibility Conformance Report*. 2022-06-12. Version 2.1, June 2022. LICENSE: cc-by-3
 URL: <https://mirror.ctan.org/info/tex-vpat>
 PKG-URL: <https://ctan.org/pkg/tex-vpat>
- *The thsmc package*. *Metrics and L^AT_EX support for Sans Mono Condensed Font*. 2021-09-11. Version 1.0d. LICENSE: bsd
 URL: <https://mirror.ctan.org/fonts/psfonts/fontfabrik/thsmc>
 PKG-URL: <https://ctan.org/pkg/thsmc>
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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pedigree-perl>
 PKG-URL: <https://ctan.org/pkg/pedigree-perl>

- *The pst-pdgr package. Draw medical pedigrees using PSTricks.* 2017-11-20. Version 0.4. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pst-pdgr>
 PKG-URL: <https://ctan.org/pkg/pst-pdgr>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/nomenc1>
 PKG-URL: <https://ctan.org/pkg/nomenc1>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evautof1>
 PKG-URL: <https://ctan.org/pkg/evautof1>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evweek>
 PKG-URL: <https://ctan.org/pkg/evweek>
- *The GuITlogo package. Macros for typesetting the GuIT logo.* 2020-07-03. Version 1.0.0-alpha.4. LICENSE: lppl1.3a
 URL: <https://mirror.ctan.org/macros/latex/contrib/GuIT/GuITlogo>
 PKG-URL: <https://ctan.org/pkg/GuITlogo>
- Vieth, Ulrik. *The closefrm package. Tidy up after reading a MetaPost file.* 2016-06-24. Version 1.04. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/closefrm.mp>
 PKG-URL: <https://ctan.org/pkg/closefrm>
- *The concmath package. Concrete Math fonts.* 2016-06-24. LICENSE: lppl. A L^AT_EX package and font definition files to access the fonts, which were derived from Computer Modern math fonts using parameters from Concrete Roman text fonts.
 URL: <https://mirror.ctan.org/macros/latex/contrib/concmath>
 PKG-URL: <https://ctan.org/pkg/concmath>
- *The concmath-fonts package. Concrete mathematics fonts.* 2016-06-24. LICENSE: lppl. The fonts are derived from the computer modern mathematics fonts and from Knuth’s fonts; they are distributed as Metafont source. L^AT_EX support is offered by the package.
 URL: <https://mirror.ctan.org/fonts/concmath>
 PKG-URL: <https://ctan.org/pkg/concmath-fonts>
- *The gpdata package. Cause MetaPost graph package to ignore ‘#’-comments.* 2016-06-24. Version 1.04. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/gpdata.mp>
 PKG-URL: <https://ctan.org/pkg/gpdata>
- *The interpol package. Add interpolation to MetaPost graph package.* 2016-06-24. Version 1.04. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/interpol.mp>
 PKG-URL: <https://ctan.org/pkg/interpol>
- *The meta-mode package. Emacs mode for Metafont/post.* 2016-06-24. Version 1.0. LICENSE: gpl. A GNU Emacs Lisp package that implements a major mode for editing or sources. It provides many features commonly found in Emacs editing modes for programming languages, such as automatic indenting of source code, syntactic highlighting (a.k.a. fontification), symbol completion, as well as miscellaneous

- other basic editing functions adapted to the mode-specific semantics such as motion commands or commands to mark, reindent, or comment-out environments or regions.
 URL: <https://mirror.ctan.org/support/emacs-modes/meta-mode.el>
 PKG-URL: <https://ctan.org/pkg/meta-mode>
- *The mflgo package. LaTeX support for Metafont logo fonts.* 2016-06-24. Version 2.0. LICENSE: lppl. LaTeX package and font definition file to access the Knuthian fonts described in ‘The Metafontbook’ and to typeset Metafont logos in L^AT_EX documents.
 URL: <https://mirror.ctan.org/macros/latex/contrib/mflogo>
 PKG-URL: <https://ctan.org/pkg/mflogo>
 - *The testeq package. An equality test for use in MetaPost.* 2016-06-24. Version 1.05. LICENSE: noinfo
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/testeq.mp>
 PKG-URL: <https://ctan.org/pkg/testeq>
- Vieth, Ulrik and Michel Goossens. *The ssquote package. Use the cmssq fonts.* 2016-06-24. Version 1.3. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/latex/contrib/ssquote>
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 PKG-URL: <https://ctan.org/pkg/typicons>
- Vigna, Sebastiano. *The noTeX-bst package. A BibTeX style that outputs HTML.* 2016-10-28. LICENSE: pd
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/misc/noTeX.bst>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cd>
 PKG-URL: <https://ctan.org/pkg/cd>
- Vignault, Jean-Paul, Manuel Luque, Arnaud Schmittbuhl, and Herbert Voß. *The pst-solides3d package. Draw perspective views of 3D solids.* 2021-08-26. Version 4.34a. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solides3d>
 PKG-URL: <https://ctan.org/pkg/pst-solides3d>
- Vihrov, Andrey. *The fixlatvian package. Improve Latvian language support in X_YL^AT_EX.* 2016-06-24. Version 1a. LICENSE: lppl1.3. The package offers improvement of the Latvian language support in , in particular in the area of the standard classes.
 URL: <https://mirror.ctan.org/macros/xetex/latex/fixlatvian>
 PKG-URL: <https://ctan.org/pkg/fixlatvian>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/nddiss>
 PKG-URL: <https://ctan.org/pkg/nddiss>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/emulateapj>
 PKG-URL: <https://ctan.org/pkg/emulateapj>

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 URL: <https://mirror.ctan.org/graphics/pstricks/contrib/makeplot>
 PKG-URL: <https://ctan.org/pkg/makeplot>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/lexref>
 PKG-URL: <https://ctan.org/pkg/lexref>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-swiss-legal>
 PKG-URL: <https://ctan.org/pkg/biblatex-swiss-legal>
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 URL: <https://mirror.ctan.org/support/mathtype>
 PKG-URL: <https://ctan.org/pkg/MathType>
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 URL: <https://mirror.ctan.org/info/lshort/thai>
 PKG-URL: <https://ctan.org/pkg/lshort-thai>
- Viscarra, Diego Sejas and Alexey Balakin. *The mglTeX package. High-quality graphics from MGL scripts embedded in L^AT_EX documents*. 2022-05-03. Version 4.2. LICENSE: gpl3,cc-by-sa-3
 URL: <https://mirror.ctan.org/graphics/mgltex>
 PKG-URL: <https://ctan.org/pkg/mglTeX>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/numneru>
 PKG-URL: <https://ctan.org/pkg/numneru>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/europecv>
 PKG-URL: <https://ctan.org/pkg/EuropeCV>
- Vitecek, Ben. *The cooking-units package. Typeset and convert units for cookery books and recipes*. 2022-06-06. Version 2.01. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/cooking-units>
 PKG-URL: <https://ctan.org/pkg/cooking-units>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/iitem>
 PKG-URL: <https://ctan.org/pkg/iitem>
- *The tikzsymbols package. Some symbols created using TikZ*. 2021-12-14. Version 4.12a. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikzsymbols>
 PKG-URL: <https://ctan.org/pkg/tikzsymbols>
- Vlasák, Michal. *The pdfextra package. Extra PDF features for (Op)T_EX*. 2021-09-20. Version 0.2. LICENSE: other-free

- URL: <https://mirror.ctan.org/macros/luatex/generic/pdfextra>
 PKG-URL: <https://ctan.org/pkg/pdfextra>
- VNP Comp. *The BibTeXMng package. Manipulate BibTeX database files.* 2016-06-24. Version 6.0. LICENSE: shareware
 URL: <https://mirror.ctan.org/biblio/bibtex/utils/BibTeXMng>
 PKG-URL: <https://ctan.org/pkg/BibTeXMng>
- Vogel, Ralf. *The xyling package. Draw syntactic trees, etc., for linguistics literature, using xy-pic.* 2016-06-24. Version 1.1. LICENSE: lppl. The macros in this package model the construction of linguistic tree structures as a genuinely graphical problem: they contain two types of objects, and , and these are positioned relative to a . It is essential that each of these three elements is constructed independent of the other two, and hence they can be modified without unwanted side effects. The macros are based on the package.
 URL: <https://mirror.ctan.org/macros/latex/contrib/xyling>
 PKG-URL: <https://ctan.org/pkg/xyling>
- Vogelgesang, Matthias. *The beamertheme-metropolis package. A modern L^AT_EX beamer theme.* 2017-04-18. Version 1.2. LICENSE: other-free
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/metropolis>
 PKG-URL: <https://ctan.org/pkg/beamertheme-metropolis>
- Vojta, Paul. *The gsftopk package. Convert "Ghostscript fonts" to PK files.* 2017-04-18. Version 1.19.2. LICENSE: gpl. Designed for use with and this utility converts Adobe Type 1 fonts to PK bitmap format. It should not ordinarily be much used nowadays, since both its target applications are now capable of dealing with Type 1 fonts, direct.
 URL: <https://mirror.ctan.org/fonts/utilities/gsftopk>
 PKG-URL: <https://ctan.org/pkg/gsftopk>
- Vojta, Paul. *The pkfind package. A 'find' command which understands pk files.* 2018-11-15. Version 1.0. LICENSE: other-free. The standard specifies that and files contain strings to identify the contents of the files. Pkfind is a variant of the GNU find utility modified to understand those specials, and to act on them in some cases. For example, it can be used to delete all files created by from a subdirectory tree.
 URL: <https://mirror.ctan.org/obsolete/support/pkfind>
 PKG-URL: <https://ctan.org/pkg/pkfind>
- *The xdvi package. A DVI previewer for the X Window System.* 2020-03-02. LICENSE: other-free. The canonical previewer for use on Unix and other X-windows based systems. The distribution has been integrated with that of xdvik (no longer separately available), so that it will build with “out of the box”. It is included in .
 PKG-URL: <https://ctan.org/pkg/xdvi>
- Vojta, Paul and Daniel Gildea. *The ucbthesis package. Thesis and dissertation class supporting UCB requirements.* 2019-07-20. Version 3.6. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ucbthesis>
 PKG-URL: <https://ctan.org/pkg/ucbthesis>
- Vollmer, Jürgen. *The acmconf package. Class for ACM conference proceedings.* 2016-06-24. Version 1.3. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/acmconf>
 PKG-URL: <https://ctan.org/pkg/acmconf>
- *The draftcopy package. Identify draft copies.* 2016-06-24. Version 2.16. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/draftcopy>
 PKG-URL: <https://ctan.org/pkg/draftcopy>

- *The latex2man package*. Translate L^AT_EX-based manual pages into Unix man format. 2018-11-25. Version 1.29. LICENSE: lppl1
 URL: <https://mirror.ctan.org/support/latex2man>
 PKG-URL: <https://ctan.org/pkg/latex2man>
- *The rcinfo package*. Support for the revision control system. 2016-06-24. Version 1.11. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/rcinfo>
 PKG-URL: <https://ctan.org/pkg/rcinfo>
- Volovich, Vladimir. *The cm-super package*. CM-Super family of fonts. 2016-06-24. LICENSE: gpl. The CM-Super family provides Adobe Type 1 fonts that replace the , , and Cyrillic fonts (thus supporting all European languages except Greek), and bringing many ameliorations in typesetting quality. The fonts exhibit the same metrics as the Metafont-encoded originals.
 URL: <https://mirror.ctan.org/fonts/ps-type1/cm-super>
 PKG-URL: <https://ctan.org/pkg/cm-super>
- *The ruhyphen package*. Russian hyphenation. 2016-06-24. Version 1.6. LICENSE: lppl
 URL: <https://mirror.ctan.org/language/hyphenation/ruhyphen>
 PKG-URL: <https://ctan.org/pkg/ruhyphen>
- *The type1ec package*. Permit EC, TC and LH fonts at arbitrary sizes. 2016-06-24. Version 1.1. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/ps-type1/cm-super/type1ec.sty>
 PKG-URL: <https://ctan.org/pkg/type1ec>
- Volovich, Vladimir and Marcel Krüger. *The cmap package*. Make PDF files searchable and copyable. 2021-02-06. Version 1.0j. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/cmap>
 PKG-URL: <https://ctan.org/pkg/cmap>
- Volovich, Vladimir and Werner Lemberg. *The t2 package*. Support for using T2 encoding. 2018-05-08. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/t2>
 PKG-URL: <https://ctan.org/pkg/t2>
- Volovich, Vladimir, Werner Lemberg, and The LaTeX Project Team. *The cyrguide package*. Documentation of L^AT_EX Cyrillic-alphabet features. 2019-10-04. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/base>
 PKG-URL: <https://ctan.org/pkg/cyrguide>
- Vosberg, Friedrich. *The ratex package*. A package for German lawyers. 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/rtrlage>
 PKG-URL: <https://ctan.org/pkg/ratex>
- *The rtrlage package*. Make suit details for German courts. 2016-06-24. Version 0.1. LICENSE: noinfo. Provides support for lawsuits in German courts, based on classes.
 URL: <https://mirror.ctan.org/macros/latex/contrib/rtrlage>
 PKG-URL: <https://ctan.org/pkg/rtrlage>
- Voß, Herbert. *The auto-pst-pdf-lua package*. Using LuaLaTeX together with PostScript code. 2018-12-09. Version 0.03. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
 PKG-URL: <https://ctan.org/pkg/auto-pst-pdf-lua>
- *The beamer-fuberlin package*. Beamer, using the style of FU Berlin. 2022-04-28. Version 0.02b. LICENSE: lppl

- URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-FUBerlin>
 PKG-URL: <https://ctan.org/pkg/beamer-fuberlin>
- *The biblatex-bwl package. BibLaTeX citations for FU Berlin.* 2016-06-24. Version 0.02. LICENSE: lppl1.3. The bundle provides a set of implementations of bibliography and citation styles for the Business Administration Department of the Free University of Berlin.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bwl>
 PKG-URL: <https://ctan.org/pkg/biblatex-bwl>
 - *The biblatex-readbbl package. Read a .bbl file created by biber.* 2022-01-25. Version 0.01. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-readbbl>
 PKG-URL: <https://ctan.org/pkg/biblatex-readbbl>
 - *The biblatex-spbasic package. A BibLaTeX style emulating Springer’s old spbasic.bst.* 2021-12-29. Version 0.04. LICENSE: lppl. This package provides a bibliography and citation style for / for typesetting articles for Springer’s journals. It is the same as the old BibTeX style .
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-spbasic>
 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>
- Voß, Herbert. *The einfuehrung package. Examples from the book Einführung in L^AT_EX.* 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^AT_EX.* 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^AT_EX.* 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 `\hvfloat`; a simple example is `\hvfloat{...}`. 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 `\index`. 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>
 - *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 hvqurl 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: `qrcode`, `pdfpages`, and `lualatex`.
 URL: <https://mirror.ctan.org/macros/latex/contrib/hvqurl>
 PKG-URL: <https://ctan.org/pkg/hvqurl>
- Voß, Herbert. *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^AT_EX.* 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^AT_EX.* 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 libertine-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>
- *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^AT_EX*. 2020-06-07. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/info/examples/Math-E>
PKG-URL: <https://ctan.org/pkg/math-e>
- Voß, Herbert. *The mathesatz-examples package*. Examples from the book “Mathematiksatz mit L^AT_EX”. 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 *Präsentationen mit L^AT_EX*. 2020-06-07. LICENSE: lppl
URL: 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^AT_EX*. 2020-06-07. LICENSE: lppl
URL: 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>
 - *The pst-calculate package. Support for floating point operations at L^AT_EX 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>
 - Voß, Herbert. *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>
 - *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>
- Voß, Herbert. *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
 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
 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
 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^AT_EX”.* 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: lpl1.3
 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)TeX.* 2016-06-24. Version 0.1. LICENSE: lpl
 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)TeX.* 2018-01-06. Version 2.47. LICENSE: lpl
 URL: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
 PKG-URL: <https://ctan.org/pkg/voss-mathmode>
- *The xfakebold package. Fake a regular font for bold characters.* 2020-06-24. Version 0.08. LICENSE: lpl1.3c
 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: lpl. 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: lpl1.3
 URL: <https://mirror.ctan.org/indexing/xindex>
 PKG-URL: <https://ctan.org/pkg/xindex>
- Voß, Herbert. *The xurl package. Allow URL breaks at any alphanumerical character.* 2022-01-09. Version 0.10. LICENSE: lpl1.3
 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: lpl. 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: lpl1.3
 URL: <https://mirror.ctan.org/graphics/pstricks/base>
 PKG-URL: <https://ctan.org/pkg/pstricks-base>
- Voß, Herbert and Klaus Höppner. *The dante logo package. A font for DANTE's logo.* 2016-06-24. Version 0.03. LICENSE: lpl
 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: lpl. 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>
 - *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>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams.* 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
 PKG-URL: <https://ctan.org/pkg/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L^AT_EX's verbatim package.* 2016-06-24. Version 0.7. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
 PKG-URL: <https://ctan.org/pkg/jvlisting>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia.* 2022-10-01. Version 1.01. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/flexipage>
 PKG-URL: <https://ctan.org/pkg/flexipage>
- *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin.* 2022-07-09. Version 1.02. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
 PKG-URL: <https://ctan.org/pkg/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns.* 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.
 URL: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
 PKG-URL: <https://ctan.org/pkg/slhyph>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks.* 2016-06-24. Version 1.0.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/matc3>
 PKG-URL: <https://ctan.org/pkg/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.
 URL: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
 PKG-URL: <https://ctan.org/pkg/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script.* 2020-09-06. Version 0.2. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/akshar>
 PKG-URL: <https://ctan.org/pkg/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
 PKG-URL: <https://ctan.org/pkg/barcodes-vulis>
- *The weekday package. Generate "day of week".* 2020-04-11. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
 PKG-URL: <https://ctan.org/pkg/weekday>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code.* 2021-09-16. Version 1.2. LICENSE: lgpl

- URL: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
 PKG-URL: <https://ctan.org/pkg/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding.* 2021-09-16. Version 1.0. LICENSE: lgpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
 PKG-URL: <https://ctan.org/pkg/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography.* 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
 PKG-URL: <https://ctan.org/pkg/biblatex-license>
- Wagner, Victor. *The catdoc package. Text extractor for word files.* 2016-06-24. Version 0.90. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/catdoc>
 PKG-URL: <https://ctan.org/pkg/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today".* 2016-06-24. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in), to save, set and restore the 'current date' and to print it. Intended use is, for example, in invoices "payable within 14 days from today", etc. The package has only been tested with Czech dates.
 URL: <https://mirror.ctan.org/macros/latex/contrib/advdate>
 PKG-URL: <https://ctan.org/pkg/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
 PKG-URL: <https://ctan.org/pkg/cnbwp>
- Wagner, Zdeněk. *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).
 URL: <https://mirror.ctan.org/graphics/drawing>
 PKG-URL: <https://ctan.org/pkg/drawing>
- *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.
 URL: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
 PKG-URL: <https://ctan.org/pkg/ean13isbn>
 - *The fillform package. Typeset answers to overprint on printed forms.* 2016-06-24. LICENSE: nosell
 URL: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
 PKG-URL: <https://ctan.org/pkg/fillform>
 - *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes.* 2016-06-24. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
 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>
 PKG-URL: <https://ctan.org/pkg/ocr-b-outline>

- *The xevl_{na} package. Insert non-breakable spaces using XeTeX.* 2018-05-30. Version 1.1. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/xetex/generic/xevl_{na}>
 PKG-URL: <https://ctan.org/pkg/xevl_{na}>
- *The zwgetfdate package. Get package or file date.* 2017-04-18. LICENSE: lppl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.
 URL: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
 PKG-URL: <https://ctan.org/pkg/zwgetfdate>
- *The zwpagelayout package. Page layout and crop-marks.* 2022-04-18. Version 1.4e. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
 PKG-URL: <https://ctan.org/pkg/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxv_{lna} package. Insert nonbreakable spaces, using encTeX.* 2018-05-30. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/generic/encxv_{lna}>
 PKG-URL: <https://ctan.org/pkg/encxv_{lna}>
- Wagner, Zdeněk, Anshuman Pandey, Frans Velthuis, Steven T. Smith, Dominik Wujastyk, and François Patte. *The devanagari package. Typeset Devanagari.* 2020-06-07. Version 2.17.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/language/devanagari/velthuis>
 PKG-URL: <https://ctan.org/pkg/devanagari>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement.* 2016-06-24. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/miniplot>
 PKG-URL: <https://ctan.org/pkg/MiniPlot>
- Waldi, Roland. *The wasy package. The wasy fonts (Waldi symbol fonts).* 2020-01-24. Version 2.5. LICENSE: pd
 URL: <https://mirror.ctan.org/fonts/wasy>
 PKG-URL: <https://ctan.org/pkg/wasy>
- Wales, Richard B. *The oca package. OCR A font.* 2019-06-21. LICENSE: nosell
 URL: <https://mirror.ctan.org/fonts/oca>
 PKG-URL: <https://ctan.org/pkg/oca>
- Wales, Richard B. and Tor Lillqvist. *The ocr-a package. Fonts for OCR-A.* 2018-01-06. LICENSE: nosell
 URL: <https://mirror.ctan.org/fonts/ocr-a>
 PKG-URL: <https://ctan.org/pkg/ocr-a>
- Walker, Jim. *The sines package. Calculate sin function values.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
 PKG-URL: <https://ctan.org/pkg/sines>
- Wall, Matthew. *The scorecard package. Format a Baseball scorecard.* 2016-06-24. Version 1.1. LICENSE: no-commercial
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
 PKG-URL: <https://ctan.org/pkg/scorecard>
- Walsh, Norman. *The comp-fonts-FAQ package. Frequently Asked Questions from comp.fonts.* 2016-06-24. Version 2.1.5. LICENSE: other-free
 URL: <https://mirror.ctan.org/help/comp-fonts-FAQ>
 PKG-URL: <https://ctan.org/pkg/comp-fonts-FAQ>
- *The HPT_{fm2p1} package. Create TeX PL files from HP AutoFont Support.* 2018-01-06. Version 1.0b beta. LICENSE: pd

- URL: <https://mirror.ctan.org/support/hp2pl>
 PKG-URL: <https://ctan.org/pkg/HPTfm2pl>
- *The ljmetrics package. Metrics for Laserjet built-in fonts.* 2016-06-24. Version 0.9. LICENSE: noinfo. The distribution offers TFM (and PL) files derived from Hewlett-Packard's LaserJet IV Developers kit. No outlines are provided; the metrics are only usable with drivers adapted for output to the relevant printers (e.g.,).
 URL: <https://mirror.ctan.org/fonts/ljmetrics>
 PKG-URL: <https://ctan.org/pkg/ljmetrics>
 - *The macfont package. Convert Apple type 1 fonts for use under Windows.* 2016-06-24. Version 1.1. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/utilities/macfont>
 PKG-URL: <https://ctan.org/pkg/macfont>
 - *The mhack package. Macros for marginal notes, in Plain TeX.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/mhack.tex>
 PKG-URL: <https://ctan.org/pkg/mhack>
 - *The pkbbox package. Derive glyph bounding boxes by building PK file.* 2016-06-24. LICENSE: noinfo. The author found that AFM files generated by lacked glyph bounding box information, so that they are not much use for generating TFM files. This package proceeds by generating a PK file from the Type 1 font by use of , and then using information from that to generate a more nearly valid AFM file from the original.
 URL: <https://mirror.ctan.org/fonts/utilities/pkbbox>
 PKG-URL: <https://ctan.org/pkg/pkbbox>
- Walsh, Norman. *The tex-it package. Controller for TeX processing.* 2019-02-03. LICENSE: gpl. is a perl script for running TeX. It examines the log file of the TeX run and determines whether TeX needs to be run again; it runs BibTeX if necessary, and can be told to run Makeindex. Its "end-document" action may be selected from a menu, and includes a "tidy up" to delete all those scribble files.
 URL: <https://mirror.ctan.org/support/tex-it>
 PKG-URL: <https://ctan.org/pkg/tex-it>
- Walsh, Norman and George Greenwade. *Thehtmlhelp package. HTML translation of VMS help files.* 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/info/htmlhelp>
 PKG-URL: <https://ctan.org/pkg/htmlhelp>
- Walshaw, Chris. *The abc2mtex package. Notate tunes stored in ABC notation.* 2020-09-10. Version 1.6.1. LICENSE: nosell. A package to notate tunes stored in an ascii format (abc notation, commonly used to notate traditional music). One of the most important aims of ABC notation, and perhaps one that distinguishes it from most, if not all, computer-readable musical languages is that it can be easily read by humans. The package produces files that can be processed with .
 URL: <https://mirror.ctan.org/support/abc2mtex>
 PKG-URL: <https://ctan.org/pkg/abc2mtex>
- Waltman, Marijn. *The lpform package. Typesetting linear programming formulations and sets of equations.* 2016-06-24. LICENSE: lpppl
 URL: <https://mirror.ctan.org/macros/generic/lpform>
 PKG-URL: <https://ctan.org/pkg/lpform>
- Wan, Zhen. *The CQUBeamer package. LaTeX Beamer Template for Chongqing University.* 2018-05-12. Version 1.0. LICENSE: mit,cc-by-4

- URL: <https://mirror.ctan.org/macros/xetex/latex/cqubeamer>
 PKG-URL: <https://ctan.org/pkg/CQUBeamer>
- Wang, Hsin-Po. *The snaptodo package. A todo that snaps to the closer side.* 2021-11-26. LICENSE: lpl1.3c. This package is an alternative to , from which it differs in the following ways:
 URL: <https://mirror.ctan.org/macros/latex/contrib/snaptodo>
 PKG-URL: <https://ctan.org/pkg/snaptodo>
- Wang, Junwei. *The beamerthemeNord package. A simple beamer theme using the “Nord” color theme.* 2020-08-24. Version 0.2.0. LICENSE: lpl1.3c. This package provides a simple beamer theme using the color theme.
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemennord>
 PKG-URL: <https://ctan.org/pkg/beamerthemeNord>
- Wang, Ran. *The Install-LaTeX-Guide-zh-cn package. A short introduction to L^AT_EX installation written in Chinese.* 2022-09-30. Version 2022.10.1. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/info/install-latex-guide-zh-cn>
 PKG-URL: <https://ctan.org/pkg/Install-LaTeX-Guide-zh-cn>
- WANG, Xu. *The TikZ-Bagua package. Draw Bagua symbols in Yijing.* 2022-08-12. Version 1.01. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bagua>
 PKG-URL: <https://ctan.org/pkg/TikZ-Bagua>
- Wang, Yue and LingYun Wu. *The zhmetrics package. TFM subfont files for using Chinese fonts in 8-bit TeX.* 2016-06-24. Version r206. LICENSE: lpl
 URL: <https://mirror.ctan.org/fonts/psfonts/zhmetrics>
 PKG-URL: <https://ctan.org/pkg/zhmetrics>
- Warbrick, Jon and Luis Rivera. *The latex-essential package. Essential information for writing L^AT_EX documents.* 2016-06-24. Version 03. LICENSE: other-free
 URL: <https://mirror.ctan.org/info/latex-essential>
 PKG-URL: <https://ctan.org/pkg/latex-essential>
- Ward, Greg. *The bt00L package. Perl library for parsing and processing BibTeX files.* 2016-06-24. Version 0.32. LICENSE: gpl
 URL: <https://mirror.ctan.org/biblio/bibtex/utis/bt00L>
 PKG-URL: <https://ctan.org/pkg/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms.* 2018-01-06. Version 3.3.14. LICENSE: gpl3
 URL: <https://mirror.ctan.org/macros/latex/contrib/program>
 PKG-URL: <https://ctan.org/pkg/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres.* 2016-06-24. Version 1.1. LICENSE: lpl1.3. This package is used to draw pseudo-3D Blochsphere diagrams. It supports various annotations, such as great and small circles, axes, rotation markings and state vectors. It can be used in a standalone fashion, or nested within a environment by setting the environment option to .
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
 PKG-URL: <https://ctan.org/pkg/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L^AT_EX documents.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/support/delig>
 PKG-URL: <https://ctan.org/pkg/delig>
- Wartenburger, Lucas. *The juraabbrev package. Abbreviations for typesetting (German) juridical documents.* 2016-06-24. LICENSE: gpl

- URL: <https://mirror.ctan.org/macros/latex/contrib/juraabbrev>
 PKG-URL: <https://ctan.org/pkg/juraabbrev>
- *The jurarisp package. Citations of judgements and official documents in (German) juridical documents.* 2016-06-24. Version 0.52. LICENSE: gpl
 URL: <https://mirror.ctan.org/macros/latex/contrib/jurarisp>
 PKG-URL: <https://ctan.org/pkg/jurarisp>
- Washburn, Geoffrey. *The otftofd package. Generate control files for OpenType fonts.* 2016-06-24. LICENSE: gpl
 URL: <https://mirror.ctan.org/fonts/utilities/otftofd>
 PKG-URL: <https://ctan.org/pkg/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX.* 2017-04-18. Version 1.7. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-dw>
 PKG-URL: <https://ctan.org/pkg/biblatex-dw>
- *The bibleref-german package. German adaptation of bibleref.* 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package provides translations and various formats for the use of in German documents. The German naming of the bible books complies with the ‘Loccumer Richtlinien’ (Locum guidelines). In addition, the Vulgate (Latin bible) is supported.
 URL: <https://mirror.ctan.org/macros/latex/contrib/bibleref-german>
 PKG-URL: <https://ctan.org/pkg/bibleref-german>
 - *The historische-zeitschrift package. BibLaTeX style for the journal ‘Historische Zeitschrift’.* 2016-12-02. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/historische-zeitschrift>
 PKG-URL: <https://ctan.org/pkg/historische-zeitschrift>
- Wawrykiewicz, Staszek and Tomasz Przechlewski. *The tex-virtual-academy-pl package. TeX usage web pages, in Polish.* 2019-06-21. LICENSE: fdl
 URL: <https://mirror.ctan.org/info/tex-virtual-academy-pl>
 PKG-URL: <https://ctan.org/pkg/tex-virtual-academy-pl>
- Wawrzyniak, Piotr. *The konwerter package. A program for automatic numbering of compounds in chemical publications.* 2017-04-18. Version 0.2.4. LICENSE: gpl2. Konwerter automatically numbers compounds in chemical publications created by . It is written in C++ and works both in Unix and Windows operating systems. It works similar to L^AT_EX and commands. Instead of giving number to every compound you give them labels and then refer to the structure in the text using the same label. The konwerter is able to resolve labels to numbers both in the eps files and in the text.
 URL: <https://mirror.ctan.org/support/konwerter>
 PKG-URL: <https://ctan.org/pkg/konwerter>
- Webb, Duncan. *The notes package. Mark sections of a document.* 2016-06-24. Version 1.0.1. LICENSE: lppl. The package provides environments to highlight significant portions of text within a document, by putting the text in a box and adding an icon in the margin. (The icons are provided as ‘fig’ sources, processable by .)
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 - *The carolmin package. Carolingian Miniscule manuscript book-hand font*. 2022-04-06. LICENSE: lpl
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 URL: <https://mirror.ctan.org/fonts/archaic/cypriot>
 PKG-URL: <https://ctan.org/pkg/cypriot>
 - *The egothic package. Early Gothic manuscript book-hand font.* 2022-04-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/egothic>
 PKG-URL: <https://ctan.org/pkg/egothic>
 - *The etruscan package. Fonts for the Etruscan script.* 2016-06-24. Version 2.1. LICENSE: lppl. The Etruscan script was in use between approximately 1000 BC and 100 AD. The font comes in mirrored forms suitable for writing either left-to-right or right-to-left (as the Etruscans did), and is provided in Adobe Type 1 format. This is one of a series of fonts.
 URL: <https://mirror.ctan.org/fonts/archaic/etruscan>
 PKG-URL: <https://ctan.org/pkg/etruscan>
 - *The expressg package. Diagrams consisting of boxes, lines, and annotations.* 2016-06-24. Version 1.5. LICENSE: lppl
 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/expressg>
 PKG-URL: <https://ctan.org/pkg/expressg>
 - *The flatten package. Flatten \input, etc., in a L^AT_EX file.* 2016-06-24. LICENSE: other-free. A program to flatten a L^AT_EX root file by copying and ed files into the root file.
 URL: <https://mirror.ctan.org/support/flatten>
 PKG-URL: <https://ctan.org/pkg/flatten>
- Wilson, Peter R. *The greek4cbc package. A Greek font from 394BC.* 2016-06-24. Version 2.1. LICENSE: lppl. Provides a Greek monumental font as used on a stele in Athens in 394BC. The font consists of majuscules only and is in Adobe Type 1 format. This is one of a series of fonts.
 URL: <https://mirror.ctan.org/fonts/archaic/greek4cbc>
 PKG-URL: <https://ctan.org/pkg/greek4cbc>
- *The greek6cbc package. A Greek font from the sixth century BC.* 2016-06-24. Version 2.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/archaic/greek6cbc>
 PKG-URL: <https://ctan.org/pkg/greek6cbc>
 - *The hieroglf package. The "poor man's" Egyptian Hieroglyphic font.* 2016-06-24. Version 1.5. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/fonts/archaic/hieroglf>
 PKG-URL: <https://ctan.org/pkg/hieroglf>
 - *The humanist package. Humanist manuscript book-hand font.* 2018-01-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/humanist>
 PKG-URL: <https://ctan.org/pkg/humanist>
 - *The huncial package. Fonts based on the half Uncial manuscript book-hand.* 2016-07-29. Version 1.0. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/huncial>
 PKG-URL: <https://ctan.org/pkg/huncial>
 - *The inslrmaj package. Fonts based on the Insular Majuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/inslrmaj>
 PKG-URL: <https://ctan.org/pkg/inslrmaj>

- *The inslrmin package. Fonts based on the Insular Minuscul script book-hand.* 2022-04-06. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/bookhands/inslrmin>
PKG-URL: <https://ctan.org/pkg/inslrmin>
- *The iso package. Generic ISO standards typesetting macros.* 2016-06-24. Version 2.4. LICENSE: lppl
URL: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
PKG-URL: <https://ctan.org/pkg/iso>
- *The iso10303 package. Typesetting the STEP standards.* 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.
URL: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
PKG-URL: <https://ctan.org/pkg/iso10303>
- *The isorot package. Rotation of document elements.* 2016-06-24. LICENSE: lppl. The package is for rotation of document elements. It is a combination of the package and an extension of the package. The package is designed for use with the but may be used with any normal class.
URL: <https://mirror.ctan.org/macros/latex/contrib/isorot>
PKG-URL: <https://ctan.org/pkg/isorot>
- *The linearb package. Linear B script used in the Bronze Age for Mycenaean Greek.* 2016-06-24. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/archaic/linearb>
PKG-URL: <https://ctan.org/pkg/linearb>
- Wilson, Peter R. *The ltx2x package. Replace L^AT_EX commands in a document by user-defined strings.* 2016-06-24. Version 0.92. LICENSE: lppl
URL: <https://mirror.ctan.org/support/ltx2x>
PKG-URL: <https://ctan.org/pkg/ltx2x>
- *The metafp package. Some Experiences in Running Metafont and MetaPost.* 2016-06-18. LICENSE: nosource
URL: <https://mirror.ctan.org/info/metafont/metafp>
PKG-URL: <https://ctan.org/pkg/metafp>
- *The nabatean package. Font for Nabatean script.* 2016-06-24. Version 1.2. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/archaic/nabatean>
PKG-URL: <https://ctan.org/pkg/nabatean>
- *The oands package. Glyphs used when transliterating ancient scripts.* 2016-06-18. Version 1.1. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/archaic/oands>
PKG-URL: <https://ctan.org/pkg/oands>
- *The oldprsn package. Fonts old Persian cuneiform script.* 2016-06-24. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/archaic/oldprsn>
PKG-URL: <https://ctan.org/pkg/oldprsn>
- *The pacioli package. Fonts designed by Fra Luca de Pacioli in 1497.* 2016-06-24. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/pacioli>
PKG-URL: <https://ctan.org/pkg/pacioli>
- *The pgothic package. Fonts based on the Gothic Textura Presciscus manuscript book-hand.* 2022-04-06. LICENSE: lppl
URL: <https://mirror.ctan.org/fonts/bookhands/pgothic>
PKG-URL: <https://ctan.org/pkg/pgothic>
- *The phoenician package. Fonts for the Phoenician script in use from about 1600 BC.* 2016-06-24. Version 2.2. LICENSE: lppl

- URL: <https://mirror.ctan.org/fonts/archaic/phoenician>
 PKG-URL: <https://ctan.org/pkg/phoenician>
- *The protosem package. Fonts for proto-Semitic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the world’s alphabets. This is one of a series of fonts.
 URL: <https://mirror.ctan.org/fonts/archaic/protosem>
 PKG-URL: <https://ctan.org/pkg/protosem>
 - *The rotunda package. Rotunda manuscript book-hand font.* 2022-04-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/rotunda>
 PKG-URL: <https://ctan.org/pkg/rotunda>
 - *The runic package. Fonts for Anglo-Saxon futhorc script.* 2016-06-24. Version 1.1. LICENSE: lppl. Fonts and macros for runic writing. The futhorc script remained in use in England until just after printing was established. This is one of a series of fonts.
 URL: <https://mirror.ctan.org/fonts/archaic/runic>
 PKG-URL: <https://ctan.org/pkg/runic>
 - *The rustic package. Roman Rustic manuscript book-hand font.* 2016-07-29. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/rustic>
 PKG-URL: <https://ctan.org/pkg/rustic>
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 URL: <https://mirror.ctan.org/fonts/bookhands/sqrcaps>
 PKG-URL: <https://ctan.org/pkg/sqrcaps>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/sudokubundle>
 PKG-URL: <https://ctan.org/pkg/sudokubundle>
- *The tgothic package. Gothic Textura Quadrata manuscript book-hand font.* 2022-04-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/tgothic>
 PKG-URL: <https://ctan.org/pkg/tgothic>
 - *The titlepages package. Sample titlepages, and how to code them.* 2018-01-06. LICENSE: lppl
 URL: <https://mirror.ctan.org/info/latex-samples/TitlePages>
 PKG-URL: <https://ctan.org/pkg/titlepages>
 - *The trajan package. Fonts from the Trajan column in Rome.* 2016-06-24. Version 1.1. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/trajan>
 PKG-URL: <https://ctan.org/pkg/trajan>
 - *The ugarite package. Fonts for Ugaritic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/archaic/ugarite>
 PKG-URL: <https://ctan.org/pkg/ugarite>
 - *The uncial package. Uncial manuscript book-hand font.* 2016-07-29. LICENSE: lppl
 URL: <https://mirror.ctan.org/fonts/bookhands/uncial>
 PKG-URL: <https://ctan.org/pkg/uncial>
 - *The webguide package. Brief Guide to L^AT_EX Tools for Web publishing.* 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/info/webguide>
 PKG-URL: <https://ctan.org/pkg/webguide>
- Wilson, Peter R., Alan Hoenig, and David Carlisle. *The cutwin package. Cut a window in a paragraph, typeset material in it.* 2021-10-30. Version 0.2. LICENSE: lppl1.3

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 PKG-URL: <https://ctan.org/pkg/cutwin>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
 PKG-URL: <https://ctan.org/pkg/ledarab>
- *The ledmac package. Typeset scholarly editions*. 2018-11-28. Version 0.19.4. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
 PKG-URL: <https://ctan.org/pkg/ledmac>
- *The ledpar package. Typeset scholarly editions in parallel texts*. 2018-11-28. Version 0.14a. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
 PKG-URL: <https://ctan.org/pkg/ledpar>
- Wilson, Peter R. and Lars Madsen. *The memdesign package. Notes on book design*. 2018-09-16. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/info/memdesign>
 PKG-URL: <https://ctan.org/pkg/memdesign>
- *The memhfixc package. Adjustment for using hyperref in memoir documents*. 2021-06-16. Version 1.19. LICENSE: lppl
 URL: <https://mirror.ctan.org/macros/latex/contrib/memoir>
 PKG-URL: <https://ctan.org/pkg/memhfixc>
- *The memoir package. Typeset fiction, non-fiction and mathematical books*. 2022-07-29. Version 3.7r. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/memoir>
 PKG-URL: <https://ctan.org/pkg/memoir>
- Wilson, Peter R. and Will Robertson. *The continue package. Prints ‘continuation’ marks on pages of multipage documents*. 2019-01-11. Version 0.2. LICENSE: lppl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/continue>
 PKG-URL: <https://ctan.org/pkg/continue>
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 URL: <https://mirror.ctan.org/fonts/archaic/sarabian>
 PKG-URL: <https://ctan.org/pkg/sarabian>
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 URL: <https://mirror.ctan.org/fonts/archaic>
 PKG-URL: <https://ctan.org/pkg/archaic>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/eqnarray>
 PKG-URL: <https://ctan.org/pkg/eqnarray>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/formular>
 PKG-URL: <https://ctan.org/pkg/formular>
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 PKG-URL: <https://ctan.org/pkg/chronology>
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 URL: <https://mirror.ctan.org/web/wordweb>
 PKG-URL: <https://ctan.org/pkg/wordweb>
- Wittenburg, Kim. *The uhhassignment package. A document class for typesetting homework assignments*. 2018-01-07. Version 1.0. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/uhhassignment>
 PKG-URL: <https://ctan.org/pkg/uhhassignment>
- Woch, J. *The corelpak package. Metrics, etc., for fonts distributed with Corel products*. 2016-06-24. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/psfonts/corelpak>
 PKG-URL: <https://ctan.org/pkg/corelpak>
- Wolczko, Mario. *The a5comb package. Support for a5 paper sizes*. 2016-06-24. Version 4. LICENSE: pd. Superseded by .
 URL: <https://mirror.ctan.org/macros/latex/contrib/a5comb>
 PKG-URL: <https://ctan.org/pkg/a5comb>
- *The AFMtop1 (Wolczko) package. Unix utilities for translating AFM files to PL*. 2016-06-24. LICENSE: noinfo
 URL: <https://mirror.ctan.org/fonts/utilities/afmtop1/wolczko>
- Wolczko, Mario. *The romaneg package. Roman page numbers negative*. 2016-06-24. LICENSE: pd. Causes the page numbers in the DVI file (as defined by) to be negative when roman pagenumbers is in effect.
 URL: <https://mirror.ctan.org/macros/latex/contrib/romaneg>
 PKG-URL: <https://ctan.org/pkg/romaneg>
- *The smalltalk package. Typeset Smalltalk program fragments*. 2016-06-24. Version 3. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/smalltalk.sty>
 PKG-URL: <https://ctan.org/pkg/smalltalk>
- *The vdm package. Typesetting VDM schemas*. 2016-06-24. Version 4.00. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex/contrib/vdm>
 PKG-URL: <https://ctan.org/pkg/vdm>
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 URL: <https://mirror.ctan.org/macros/latex209/contrib/misc/alltt2.sty>
 PKG-URL: <https://ctan.org/pkg/alltt2>
- Wolfe, Warren. *The vutex package. View TeX output on an ASCII-only terminal*. 2016-06-24. Version 1.02. LICENSE: other-nonfree
 URL: <https://mirror.ctan.org/dviware/vutex>
 PKG-URL: <https://ctan.org/pkg/vutex>
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 URL: <https://mirror.ctan.org/fonts/utilities/t1tools>
 PKG-URL: <https://ctan.org/pkg/t1tools>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/bredzenie>
 PKG-URL: <https://ctan.org/pkg/bredzenie>

- *The mwcls package. Polish-oriented document classes.* 2018-01-06. Version 0.75. LICENSE: lppl1.2. mwcls is a set of document classes for L^AT_EX 2_ε designed with Polish typographical tradition in mind. Classes include: “ (which is a replacement for “), ’ (replacing ’), and ” (replacing ”). Most features present in standard classes work with mwcls classes. Some extensions/exceptions include: sectioning commands allow for second optional argument (it is possible to state different texts for running head and for TOC), new environments “ and ” for lists with long items, page styles have variants for normal, opening, closing, and blank pages.
URL: <https://mirror.ctan.org/macros/latex/contrib/mwcls>
PKG-URL: <https://ctan.org/pkg/mwcls>
- Wolters, Mark A. *The ffslices package. Freeform slides based on the article class.* 2016-06-24. LICENSE: lppl1.3
URL: <https://mirror.ctan.org/macros/latex/contrib/ffslides>
PKG-URL: <https://ctan.org/pkg/ffslides>
- Wong, Wai. *The pbmtogf package. Convert PBM images to GF font files.* 2018-01-06. Version 1.0. LICENSE: gpl
URL: <https://mirror.ctan.org/fonts/utilities/pbmtogf>
PKG-URL: <https://ctan.org/pkg/pbmtogf>
- Wooding, Mark. *The at package. Short commands starting ‘@’.* 2016-06-24. Version 1.3. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/at>
- *The cmtt package. A package for handling the cmtt font better.* 2016-06-24. Version 1.1. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/cmtt>
- Wooding, Mark. *The doafter package. Do things after a group.* 2016-06-24. Version 1.2. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/dafter>
- *The footnote package. Improve on L^AT_EX’s footnote handling.* 2016-06-24. Version 1.13. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/footnote>
- *The mdwfonts package. A model for font manipulation.* 2016-06-24. Version 1.2. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwfonts>
PKG-URL: <https://ctan.org/pkg/mdwfonts>
- *The mdwlist package. Miscellaneous list-related commands.* 2016-06-24. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/mdwlist>
- *The mdwmath package. Some maths extensions.* 2016-06-24. Version 1.1. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/mdwmath>
- *The mdwtab package. A reimplement of tabular and array environments.* 2016-06-24. Version 1.9. LICENSE: gpl
URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/mdwtab>
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URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/mdwtools>
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URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
PKG-URL: <https://ctan.org/pkg/sverb>

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 URL: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
 PKG-URL: <https://ctan.org/pkg/syntax-mdw>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/mnras>
 PKG-URL: <https://ctan.org/pkg/mnras-plain>
- Woollatt, Alison, Mark Reed, and Christiane Notarmarco. *The fac package. Macros for FAC journal.* 2016-06-24. Version 2.00. LICENSE: noinfo
 URL: <https://mirror.ctan.org/macros/latex/contrib/fac>
 PKG-URL: <https://ctan.org/pkg/fac>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/syntax>
 PKG-URL: <https://ctan.org/pkg/syntax2>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-chem>
 PKG-URL: <https://ctan.org/pkg/biblatex-chem>
- *The biblatex-ieee package. IEEE style files for BibLaTeX.* 2021-12-07. Version 1.3f. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-ieee>
 PKG-URL: <https://ctan.org/pkg/biblatex-ieee>
- Wright, Joseph. *The biblatex-nature package. BibLaTeX support for Nature.* 2020-12-30. Version 1.3d. LICENSE: lpl1.3c. The bundle offers styles that allow authors to use when preparing papers for submission to the journal Nature.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-nature>
 PKG-URL: <https://ctan.org/pkg/biblatex-nature>
- *The biblatex-phys package. A BibLaTeX implementation of the AIP and APS bibliography style.* 2020-06-21. Version 1.1b. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-phys>
 PKG-URL: <https://ctan.org/pkg/biblatex-phys>
- *The biblatex-science package. BibLaTeX implementation of the Science bibliography style.* 2018-10-19. Version 1.2. LICENSE: lpl1.3. The bundle offers styles that allow authors to use when preparing papers for submission to the journal Science.
 URL: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-science>
 PKG-URL: <https://ctan.org/pkg/biblatex-science>
- *The chemscheme package. Support for chemical schemes.* 2016-06-24. Version 2.0c. LICENSE: lpl1.3
 URL: <https://mirror.ctan.org/macros/latex/contrib/chemstyle>
 PKG-URL: <https://ctan.org/pkg/chemscheme>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/chemstyle>
 PKG-URL: <https://ctan.org/pkg/chemstyle>
- *The notes2bib package. Integrating notes into the bibliography.* 2019-09-30. Version 2.0m. LICENSE: lpl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/notes2bib>
 PKG-URL: <https://ctan.org/pkg/notes2bib>
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- keys for key-value syntaxes. However, pgfkeys itself does not offer means of handling L^AT_EX class and package options. This package adds such option handling to pgfkeys, in the same way that adds the same facility to the L^AT_EX standard package.
- URL: <https://mirror.ctan.org/macros/latex/contrib/pgfopts>
 PKG-URL: <https://ctan.org/pkg/pgfopts>
- *The rsc package. BibTeX style for use with RSC journals.* 2016-08-22. Version 3.1f. LICENSE: lppl1.3. The rsc package provides a BibTeX style in accordance with the requirements of the Royal Society of Chemistry. It was originally based on the file `rsnls.sty`, but also implements a number of styles from the package. The package is now a stub for the package, which the author developed to unify the writing of articles with a chemistry content.
 URL: <https://mirror.ctan.org/macros/latex/contrib/rsc>
 PKG-URL: <https://ctan.org/pkg/rsc>
 - *The si package. A comprehensive (SI) units package.* 2016-06-24. Version 0.6a. LICENSE: lppl
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 PKG-URL: <https://ctan.org/pkg/siunitx>
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 PKG-URL: <https://ctan.org/pkg/tex-ini-files>
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 PKG-URL: <https://ctan.org/pkg/ctex-faq>
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 PKG-URL: <https://ctan.org/pkg/csx>
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 URL: <https://mirror.ctan.org/info/forest-quickstart>
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 PKG-URL: <https://ctan.org/pkg/coop-writing>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/luaprohtable>
 PKG-URL: <https://ctan.org/pkg/luaprohtable>
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- represent vectors, and normal symbols to represent scalars. However, applying these variants by typing , commands manually can be daunting. This package aims to provide an automatic and customizable approach for math symbol styling which eliminates the need to enter style commands repeatedly.
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PKG-URL: <https://ctan.org/pkg/smart-eqn>
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PKG-URL: <https://ctan.org/pkg/lshort-zh-cn>
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PKG-URL: <https://ctan.org/pkg/beaulivre>
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URL: <https://mirror.ctan.org/macros/latex/contrib/colorist>
PKG-URL: <https://ctan.org/pkg/colorist>
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URL: <https://mirror.ctan.org/macros/latex/contrib/create-theorem>
PKG-URL: <https://ctan.org/pkg/create-theorem>
 - *The crefthe package. Cross referencing with proper definite articles*. 2022-09-24. LICENSE: lppl1.3c. By default, when using cleveref’s to reference theorem-like environments, the names do not contain definite articles. In languages such as French, Italian, Portuguese, Spanish, etc. this results in incorrect grammar. For this purpose, the current package offers , which handles the definite articles properly (especially for the article contractions in many European languages).
URL: <https://mirror.ctan.org/macros/latex/contrib/crefthe>
PKG-URL: <https://ctan.org/pkg/crefthe>
 - *The einfart package. Write your articles in a simple and clear way*. 2022-09-03. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/unicodetex/latex/einfart>
PKG-URL: <https://ctan.org/pkg/einfart>
 - *The lebhart package. Write your articles in a colorful way*. 2022-09-03. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/unicodetex/latex/lebhart>
PKG-URL: <https://ctan.org/pkg/lebhart>
 - *The mindflow package. Write your ideas in a clear way*. 2022-02-01. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/mindflow>
PKG-URL: <https://ctan.org/pkg/mindflow>
 - *The minimalist package. Write your articles or books in a simple and clear way*. 2022-09-03. LICENSE: lppl1.3c
URL: <https://mirror.ctan.org/macros/latex/contrib/minimalist>
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 PKG-URL: <https://ctan.org/pkg/ProjLib>
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 PKG-URL: <https://ctan.org/pkg/simplivre>
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 PKG-URL: <https://ctan.org/pkg/thuthesis>
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 URL: <https://mirror.ctan.org/graphics/mcf2graph>
 PKG-URL: <https://ctan.org/pkg/mcf2graph>
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 URL: <https://mirror.ctan.org/language/japanese/gckanbun>
 PKG-URL: <https://ctan.org/pkg/gckanbun>
- *The graphicxpsd package. Adobe Photoshop Data format (PSD) support for graphicx package.* 2021-01-06. Version 1.2. LICENSE: mit. This package provides Adobe Photoshop Data format (PSD) support for the package with the (Darwin/macOS) or (ImageMagick) command.
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 PKG-URL: <https://ctan.org/pkg/graphicxpsd>
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 URL: <https://mirror.ctan.org/fonts/arphic-ttf>
 PKG-URL: <https://ctan.org/pkg/arphic-ttf>
- *The chemobabel package. Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel.* 2022-09-24. LICENSE: bsd2
 URL: <https://mirror.ctan.org/graphics/chemobabel>
 PKG-URL: <https://ctan.org/pkg/chemobabel>
- *The endnotesj package. Japanese-style endnotes.* 2018-05-15. Version 3.0. LICENSE: bsd3. This package provides customized styles for endnotes to be used with Japanese documents. It can be used on , , and LuaLaTeX ().
 URL: <https://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>
 PKG-URL: <https://ctan.org/pkg/gentombow>
- *The mathfam256 package*. Extend math family up to 256 for pLaTeX/upLaTeX/Lamed. 2020-01-23. Version 0.5. LICENSE: bsd3. This package increases the upper limit of math symbols up to 256, using primitives. These primitives were originally introduced in Omega and are currently available in the following formats:
 URL: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>
 PKG-URL: <https://ctan.org/pkg/mathfam256>
- *The platex-tools package*. pLaTeX standard tools bundle. 2022-07-31. LICENSE: bsd3. This bundle is an extended version of the bundle developed by the L^AT_EX team, mainly intended to support and . Currently patches for the bundle and Martin Schröder’s bundle are included.
 URL: <https://mirror.ctan.org/macros/jptex/latex/platex-tools>
 PKG-URL: <https://ctan.org/pkg/platex-tools>
- *The plautopatch package*. Automated patches for pLaTeX/upLaTeX. 2022-07-31. Version 0.9q. LICENSE: bsd3
 URL: <https://mirror.ctan.org/macros/jptex/latex/plautopatch>
 PKG-URL: <https://ctan.org/pkg/plautopatch>
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 URL: <https://mirror.ctan.org/macros/jptex/latex/pxtatescale>
 PKG-URL: <https://ctan.org/pkg/pxtatescale>
- *The scsnowman package*. Snowman variants using TikZ. 2019-09-02. Version 1.2d. LICENSE: bsd2
 URL: <https://mirror.ctan.org/graphics/pgf/contrib/scsnowman>
 PKG-URL: <https://ctan.org/pkg/scsnowman>
- Yamashita, Hironobu and Dag Langmyhr. *The dviinfox package*. Perl script to print DVI meta information. 2021-05-15. Version 1.06. LICENSE: mit
 URL: <https://mirror.ctan.org/dviware/dviinfox>
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 PKG-URL: <https://ctan.org/pkg/hitszbeamer>
- *The HITSZThesis package*. A dissertation template for Harbin Institute of Technology, ShenZhen. 2021-11-16. Version 3.2.1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/hitszthesis>
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- *The thubeamer package*. A beamer theme for Tsinghua University. 2021-11-16. Version 1.1.0. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/thubeamer>
 PKG-URL: <https://ctan.org/pkg/thubeamer>

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 URL: <https://mirror.ctan.org/graphics/metapost/contrib/macros/matlab>
 PKG-URL: <https://ctan.org/pkg/metapost-matlab>
- Yang, Yuchang. *The edichokey package. Typeset dichotomous identification keys.* 2020-08-31. Version 2.01y. LICENSE: lppl1.3c. This is a L^AT_EX package for typesetting dichotomous identification key in indented style. It can be considered as an extended version of package , as edichokey is more capable of dealing with complex keys.
 URL: <https://mirror.ctan.org/macros/latex/contrib/edichokey>
 PKG-URL: <https://ctan.org/pkg/edichokey>
- *Thenanicolle package. Typesetting herbarium specimen labels.* 2020-08-31. Version 2.03y. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/xetex/latex/nanicolle>
 PKG-URL: <https://ctan.org/pkg/nanicolle>
 - *The rulerbox package. Draw rulers around a box.* 2019-05-06. Version 1.01. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
 PKG-URL: <https://ctan.org/pkg/rulerbox>
 - *The tetragonos package. Four-Corner codes of Chinese characters.* 2019-01-17. Version 1. LICENSE: lppl1.3c
 URL: <https://mirror.ctan.org/macros/xetex/latex/tetragonos>
 PKG-URL: <https://ctan.org/pkg/tetragonos>
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 URL: <https://mirror.ctan.org/macros/xetex/latex/hithesis>
 PKG-URL: <https://ctan.org/pkg/hithesis>
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 URL: <https://mirror.ctan.org/fonts/hershey>
 PKG-URL: <https://ctan.org/pkg/hershey>
- Yasko, Nick. *The javascript_TeXed package. Small MikTeX-editor for Win32 Intel platform.* 2016-06-24. LICENSE: nocommercial
 URL: https://mirror.ctan.org/support/javascript_TeXed
 PKG-URL: https://ctan.org/pkg/javascript_TeXed
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 URL: <https://mirror.ctan.org/macros/latex/contrib/slashbox>
 PKG-URL: <https://ctan.org/pkg/slashbox>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxbase>
 PKG-URL: <https://ctan.org/pkg/BXbase>
- *The bxcalc package. Extend the functionality of the calc package.* 2022-07-31. Version 1.1. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>
 PKG-URL: <https://ctan.org/pkg/bxcalc>
 - *The bxcjkatype package. Typeset Japanese with pdfLaTeX and CJK.* 2019-10-22. Version 0.3. LICENSE: mit
 URL: <https://mirror.ctan.org/language/japanese/BX/bxcjkatype>
 PKG-URL: <https://ctan.org/pkg/bxcjkatype>
 - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer.* 2016-12-18. Version 0.3. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
 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
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
 PKG-URL: <https://ctan.org/pkg/bxdvidriver>
- *The bxeeepic package. Eepic facilities using pict2e.* 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxeeepic>
 PKG-URL: <https://ctan.org/pkg/bxeeepic>
- *The bxenclose package. Enclose the document body with some pieces of code.* 2022-07-31. Version 0.2. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxenclose>
 PKG-URL: <https://ctan.org/pkg/bxenclose>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
 PKG-URL: <https://ctan.org/pkg/BXjalipsum>
- *The BXjaprnind package. Adjust the position of parentheses at paragraph head.* 2021-06-19. Version 0.4a. LICENSE: mit
 URL: <https://mirror.ctan.org/language/japanese/BX/bxjaprnind>
 PKG-URL: <https://ctan.org/pkg/BXjaprnind>
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 URL: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
 PKG-URL: <https://ctan.org/pkg/bxjatoucs>
- *The BXjscsls 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/bxjscsls>
 PKG-URL: <https://ctan.org/pkg/BXjscsls>
- *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
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
 PKG-URL: <https://ctan.org/pkg/bxpdfver>
- *The bxtexlogo package. Additional TeX-family logos.* 2022-05-05. Version 0.6. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
 PKG-URL: <https://ctan.org/pkg/bxtexlogo>
- *The bxwareki package. Convert dates from Gregorian to Japanese calender.* 2019-06-01. Version 0.6. LICENSE: mit
 URL: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
 PKG-URL: <https://ctan.org/pkg/bxwareki>
- *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>
 PKG-URL: <https://ctan.org/pkg/ifptex>
- *The ipaex-type1 package. IPAex fonts converted to Type-1 format Unicode subfonts.* 2018-05-13. Version 0.5. LICENSE: other-free
 URL: <https://mirror.ctan.org/fonts/ipaex-type1>
 PKG-URL: <https://ctan.org/pkg/ipaex-type1>
- Yato, Takayuki. *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>
- *The pxchfon package. Japanese font setup for pLaTeX and upLaTeX.* 2022-07-31. Version 1.9. LICENSE: mit
 URL: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>
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 URL: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>
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 PKG-URL: <https://ctan.org/pkg/pxjahyper>
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 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
 URL: <https://mirror.ctan.org/macros/jptex/latex/pxrubrica>
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 - *The pxufont package. Emulate non-Unicode Japanese fonts using Unicode fonts.* 2022-07-31. Version 0.6. LICENSE: mit
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 URL: <https://mirror.ctan.org/language/japanese/zxjafont>
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 URL: <https://mirror.ctan.org/language/japanese/zxjafont>
 PKG-URL: <https://ctan.org/pkg/ZXjafont>
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 PKG-URL: <https://ctan.org/pkg/ZXjatype>
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 URL: <https://mirror.ctan.org/support/glosstex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/easybook>
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 URL: <https://mirror.ctan.org/support/hoffset-voffset>
 PKG-URL: <https://ctan.org/pkg/hoffset-voffset>
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 URL: <https://mirror.ctan.org/systems/mac/support/excalibur>
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- Zach, Richard. *The bussproofs-extra package. Extra commands for bussproofs.sty*. 2019-06-02. Version 0.4. LICENSE: lppl1.3c. This package provides additional functionality for ; specifically, it allows for typesetting of entire (sub)deductions.
 URL: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
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- *The keyindex package. Index entries by key lookup*. 2019-05-01. Version 1.0. LICENSE: lppl1.3c. The package provides functionality for producing an index without directly entering index entries into the text using the command, but instead by looking up short keys and printing a predefined string in the main text and adding a corresponding index entry. The standard use case is the production of an index of names.
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 URL: <https://mirror.ctan.org/macros/latex/contrib/viiptart>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/elzcards>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/factura>
 PKG-URL: <https://ctan.org/pkg/factura>

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

Zakharevich, Ilya. *The mathsci2bibtex package. Convert Mathsci database information to BibTeX*. 2016-06-24. LICENSE: noinfo
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 URL: <https://mirror.ctan.org/support/tex2mail>
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 URL: <https://mirror.ctan.org/macros/plain/contrib/misc/figplace.tex>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
 PKG-URL: <https://ctan.org/pkg/fancybox>

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 URL: <https://mirror.ctan.org/macros/generic/poster>
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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>
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 - *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>
 PKG-URL: <https://ctan.org/pkg/FourierNC>
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 PKG-URL: <https://ctan.org/pkg/fnspe>
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 URL: <https://mirror.ctan.org/macros/luatex/latex/emoji>
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 URL: <https://mirror.ctan.org/language/chinese/cjkpunct>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/lstfiracode>
 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 .
 URL: <https://mirror.ctan.org/language/chinese/zhlineskip>
 PKG-URL: <https://ctan.org/pkg/zhlineskip>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/lectureslides>
 PKG-URL: <https://ctan.org/pkg/lectureslides>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/thucoursework>
 PKG-URL: <https://ctan.org/pkg/thucoursework>
- Zhao, Yichen and Yu Xiong. *The njuthesis package. LaTeX thesis template for Nanjing University.* 2019-01-01. Version 1.0.0. LICENSE: lppl1.3c
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 PKG-URL: <https://ctan.org/pkg/njuthesis>
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 URL: <https://mirror.ctan.org/macros/latex/contrib/cquthesis>
 PKG-URL: <https://ctan.org/pkg/CQUThesis>
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 URL: <https://mirror.ctan.org/info/texproposal>
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