

# The CTAN Bibliography

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## Contents

<b>1 Bibliography data</b>	<b>1</b>
<b>2 Bibliography list by package name</b>	<b>2</b>
<b>References</b>	<b>128</b>

## 1 Bibliography data

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

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

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

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

Currently there are 6484 bibliography data entries. The file `ctan.bib` will be created new every day.

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## Bibliography list by package name

A	2	B	8	C	18	D	29	E	34	F	40	G	46	H	50	I	54	J	57
K	58	L	60	M	69	N	78	O	81	P	83	Q	94	R	94	S	98	T	107
U	118	V	121	W	122	X	124	Y	126	Z	127								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	281
a2ac	AFM to AFM plus Composites	Olšák	377
a2ping	Advanced PS, PDF, EPS converter	Szabó	471
a4	Support for A4 paper sizes	Poppelier, Braams	396
a4wide	”Wide” a4 layout	Holt, Lamy	261
a5comb	Support for a5 paper sizes	Wolczko	540
aaai-named	BibTeX style for AAAI	Patel-Schneider	386
aaai	AAAI style	Patel-Schneider	386
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	501
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	132
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	485
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	467
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	238
abc2mtex	Notate tunes stored in ABC notation	Walshaw	530
abnt	Typesetting academic works according to ABNT rules	Cherem	177
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	133
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	128
Aboensis	A late medieval OpenType cursive font	Syrjänen	469
abraces	Asymmetric over-/underbraces in maths	Grundlingh	240
abspos	Absolute placement with coffins	Hetland	256
abstbook	Books of abstracts	Havlik	250
abstr-collect	Print a collection of abstracts	Balemi	139
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	412
abstyles-babel	Adaptable styles for use with Babel	Bautista	143
abstyles-orig	Adaptable BibTeX styles	Bode	154
academicons	Font containing high quality icons of online academic profiles	Fernandes	212
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
accenti	Extra accented character macros, designed for Italian	Bosisio	157
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	554
accents	Multiple mathematical accents	Bezos López	321
accessibility	Create tagged and structured PDF files	Clifton	182
accfonts	Utilities to derive new fonts from existing ones	Smith	452
accsupp	Better accessibility support for PDF files	Oberdiek	369
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	543
achicago-bst	Chicago Manual BibTeX style	Swift	467
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	467
acm	ACM document style	Leichter	314
acmart	Class for typesetting publications of ACM	Veytsman	516
acmconf	Class for ACM conference proceedings	Vollmer	521
acmproc	Style option for ACM proceedings	Lamport	309
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	309
acro	Typeset acronyms	Niederberger	363
acroflex	Create a graphing widget in a PDF file	Story	461
acromake	Make commands for acronyms	Thompson	493
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	461
acronym	Expand acronyms at least once	Oetiker, Oberdiek	376

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
acronym209	An algorithm package developed for L <sup>A</sup> T <sub>E</sub> X 2.09	Kewley	281
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	234
AcroSort	Sort sliced image into order	Story	461
acroterm	Manage and index acronyms and terms	Voß	527
acrotex-js	JavaScript files used by acrotex and other packages	Story	462
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	462
acrotex	The AcroTeX education bundle	Story	461
acroweb	Scripts to create interactive tests from a database	Mařík	336
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	501
active-conf	Class for typesetting ACTIVE conference papers	Robertson	411
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	234
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	234
adami	A DOS system for working with Tamil	Srinivasan	457
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	142
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	274
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	227
addliga	Access basic ligatures in legacy TrueType fonts	Miller	347
addlines	A user-friendly wrapper around \enlargethispage	Robertson	411
address	Generate form letters and address labels	Wester, Damrau	534
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	451
addtoluatexpath	Add paths to Lua packages and input T <sub>E</sub> X files	Ewasiuk	207
adfathesis	Australian Defence Force Academy thesis format	Harker	249
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	405
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	405
adhocfilelist	'\listfiles' entries from the command line	Lück	326
adigraph	Augmenting directed graphs	Cappelletti	169
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	516
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	428
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	501
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	516
adobemapping	Adobe cmap and pdfmapping files	Adobe	128
adobeornaments	Using ornaments in Adobe Fonts with LuaL <sup>A</sup> T <sub>E</sub> X or XeL <sup>A</sup> T <sub>E</sub> X	Granet	235
adrconv	BibTeX styles to implement an address database	Kielhorn	283
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	457
adtre	Macros for drawing adpositional trees	Benini, Gobbo	149
advdate	Print a date relative to "today"	Wagner	528
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	205
aeb-minitoc	Create mini-tocs	Story	462
aeb-mlink	Multi-line links with hyperref	Story	462
aeb-mobile	Format PDF files for use on a smartphone	Story	462
AeB Pro	Items from the AeB Pro Family of Software	Story	462
aeb-tilebg	AeB Tiling Backgrounds	Story	462
aeb_dad	A drag-and-drop matching game with PDF files	Story	462
aebenvelope	The AeB Pro eEnvelope System	Story	462
AeB slicing	An image slicer	Story	462
aebXMP	Add advanced metadata to PDF files	Story	462
aecc	Almost European Concrete Roman virtual fonts	Rivera	410
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	415
aesupp	Special support for the æ character	Jørgensen	274
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	182
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	205
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	540
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	516
afterpackage	Add commands to package after it's loaded	Rozhenko	422
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
afthesis	Air Force Institute of Technology thesis class	Young	549
aguplus	Styles for American Geophysical Union	Daly	188
aiaa	Typeset AIAA conference papers	Kleb	286
aichej	Bibliography style file for the AIChE Journal	Schaber	428
aifont	Remap Computer Modern fonts	Collins	184
ajl	BibTeX style for AJL	Nash	360
AkkTeX	A collection of packages and classes	Akkerman	130
akletter	Comprehensive letter support	Kielhorn	283
akshar	Support for syllables in the Devanagari script	Vũ	528
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	467
albatross	Find fonts that contain a given glyph	Island of TeX	267
alchemist	Typeset alchemist and astrological symbols	Buxbaum	168
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	152
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	200
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	500
algobox	Typeset Algobox programs	Rivaud	409
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	443
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	215
algorithmicx	The algorithmic style you always wanted	János	270
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	162
algpseudocodex	Package for typesetting pseudocode	Matt	339
algxpar	Support multiple lines of pseudocode	Moreira	353
aliascnt	Alias counters	Oberdiek	369
aligned-overset	Fix alignment at \overset or \underset	Krüger	302
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	480
allegno	Automatic numbering of all equations	Thornburg	493
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	534
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	309
alltt2	Indented version of alltt	Wolczko, Lamport	540
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	245
alnumsec	Alphanumeric section numbering	Küster	306
alpha-persian	Persian version of alpha.bst	Shapour	443
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	279
alphabib	Add alphabetical headers into citations	Hilléreau	257
alphalph	Convert numbers to letters	Oberdiek	369
alphanum-bst	Modified alpha BibTeX style	Thomas	492
alphanum	Sectioning commands for jura	Braun	160
alphanumb	A modification of alpha.bst	Thomas	493
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	340
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	286
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	219
altsubsup	Subscripts and superscripts with square brackets	Labbé	307
altverse	Typesetting verse	Shipunov	446
ama	AMA manual of style citations	Kort, Trickey	300
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	385
amiri	A classical Arabic typeface, Naskh style	Hosny	262
amiweb2c-guide	How to install AmiWeb2c	Finnberg	214
amiweb2c	An Amiga port of web2C	Scherer	430
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	245

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	534
amsaddr	Alter the position of affiliations in amsart	Lelong	315
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	485
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	485
amsbsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	487
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	487
amscdx	Enhanced commutative diagrams	Vermeer	515
amscls-doc	User documentation for AMS document classes	The AMS	485
amscls	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	485
amsfonts	TeX fonts from the American Mathematical Society	The AMS	485
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	257
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	485
amslatexdoc-vie...	Vietnamese translation of AMS L <sup>A</sup> T <sub>E</sub> X documentation	Huynh	265
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	486
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	212
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	487
amsidx	Support for multiple indexes in AMS Classes	The AMS	486
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	487
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	345
amsppt	AMS-TeX article preprint document style	The AMS	486
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	486
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	486
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	486
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	486
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	488
amsthm	Typesetting theorems (AMS style)	The AMS	486
analogclock	An analog ticking clock package for PDF output	Randez	404
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	480
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	234
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	533
annee-scolaire	Automatically typeset the academic year (French way)	Henel	253
annot-pro	Create text, stamp and file attachment annotations	Story	462
annotate-equations	Easily annotate math equations using TikZ	John	273
annotate	A bibliography style with annotations	Unknown	501
annotation-pkg	Suppress or permit annotations to a document	Hofmann	259
annotation	A BibTeX style that processes annotations	Unknown	502
anonchap	Make chapters be typeset like sections	Robertson, Wilson	412
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	146
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	206
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	533
answers	Setting questions (or exercises) and answers	Wright, Piff	543
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	365
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	154
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	183
anti	Typeset an anti-particle in maths mode	Holmes	261
antique-spanish...	A short document about antique spanish units	Merino Hernández	255
antomega	Alternative language support for Omega/Lambda	Kryukov	303
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	368
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	368
antttvf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbicki	535
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	277
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	471
ansize	A simple package to set up document margins	Esser	207
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	212

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aomart	Typeset articles for the Annals of Mathematics	Veytsman	516
apa	American Psychological Association format	Protopapas	398
apa6	Format documents in APA style (6th edition)	Beitzel	149
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	452
apa7	Format documents in APA style (7th edition)	Weiss	533
apabst	Early APA BibTeX style	Rogers	416
apacite	Citation style following the rules of the APA	Meijer	344
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	425
apalike-german	A copy of apalike.bst with German localization	Braun	160
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	407
apasoft	An APA-like style for BibTeX	Porr	396
apeqnum	Number equations by appendix	Hosek	262
apl	Fonts for typesetting APL programs	Hohti, Kanerva	261
aplweb	Literate programming in APL	Schweigert	440
apnum	Arbitrary precision numbers implemented by T <sub>E</sub> X macros	Olšák	377
appelt-chess	Chess board macros using standard fonts	Unknown	502
appendix	Extra control of appendices	Robertson, Wilson	412
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	315
apprendre-a-pro...	The book “Apprendre à programmer en T <sub>E</sub> X”	Tellechea	479
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	143
apptools	Tools for customising appendices	Kuhnert	305
apxproof	Proofs in appendix	Senellart	442
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	144
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	308
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	267
arabic-book	An Arabic book class	Alziyadi	132
arabic	Read a lower-case roman number	Selberg	441
arabicfront	Frontmatter with arabic page numbers	Bezos López	321
arabluatex	ArabTeX for LuaLaTeX	Alessi	130
arabtex	Macros and fonts for typesetting Arabic	Lagally	308
arabxetex	An ArabTeX-like interface for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Charette, Khalighi, bidi-tex GitHub Organisation	176
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	251
aramaic	Fonts for Aramaic script	Wilson	536
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	174
arbeit	Typeset classwork exercises	Burkhardt	166
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	158
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	540
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
arcs	Draw arcs over and under text	Boggio-Togna	155
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	249
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	381
armtex	A system for writing in Armenian with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	188
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	446
aro-bend	Exercises in T <sub>E</sub> X, with answers	Downes	196
arosg	Support for the Bengali language	Ali	131
around-the-bend	Typeset exercises in T <sub>E</sub> X, with answers	Downes, Wilson	197
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	545
arphic	Arphic (Chinese) font packages	Lemberg	316
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arraycols	New column types for array and tabular environments	Missier	348
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	445
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	446
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	133
arraysort	Sort arrays (or portions of them)	Lee	313
arrow	Eplain macros for commutative diagrams	Smith	453
ArsClassica	A different view of the ClassicThesis package	Pantieri	384
arsenal	Open Type font by Andriy Shevchenko	Veytsman	516
artex	Make filecontents environments of non-standard files or packages	Efford	202
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	488
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	352
artthreads	Support for article threads	Story	462
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
arXivBib	Get bibliography entries from arXiv.org	Forkosh	218
arydshln	Draw dash-lines in array/tabular	Nakashima	360
asaetr	Transactions of the ASAE	Pearson	387
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	469
asapsym	Using the free ASAP Symbol font with L <sup>A</sup> T <sub>E</sub> X and Plain T <sub>E</sub> X	Gessler	226
asc2tex	Retrieve text from screenshots	Götz	233
ascelike	Bibliography style for the ASCE	Kuhn	305
ascii-chart	An ASCII wall chart	Eijkhout	203
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	448
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	471
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	239
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	270
askinclude	Interactive use of \includeonly	Straub, Oberdiek	465
askmaps	Typeset American style Karnaugh maps	op den Brouw	162
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	318
asmejour	A template for ASME journal papers	Lienhard	318
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	144
aspell	Spell checker	Atkinson	137
assignment	A class file for typesetting homework and lab assignments	Singh	450
assoccnt	Associate counters, making them step when a master steps	Hupfer	264
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	502
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	306
astro	Astronomical (planetary) symbols	Schmitt	434
astron	BibTeX style for astronomical journals	Hogeveen	260
astyped	Verbatim environment, with rather few escapes	Unknown	502
asyfig	Commands for using Asymptote figures	Robertson	411
asymptote-by-ex...	Asymptote by example	Unknown	502
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	502
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	502
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	159
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	266
at	Short commands starting '@'	Wooding	541
atari-cstex	TeX for Atari machines	Brandt	160
atbegshi	Execute stuff at \shipout time	Oberdiek	369
atenddvi	Provides the \AtEndDvi command	Oberdiek	369
atendofenv	Add a custom symbol at the end of an environment	Zhou	554
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	480
attachfile	Attach arbitrary files to a PDF document	Pakin	381
attachfile2	Attach files into PDF	Oberdiek	369
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	467

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
atveryend	Hooks at the very end of a document	Oberdiek	369
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	307
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	486
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	432
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	537
auncial	Artificial Uncial manuscript book-hand font	Wilson	537
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	231
aur1	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höfner	259
aurora	Header files for dvips to make colour separations	Freeman	221
authblk	Support for footnote style author/affiliation	Daly	188
authoraftertitle	Make author, etc., available after \maketitle	Bilger	152
authorarchive	Adds self-archiving information to scientific papers	Brucker	163
authordate	Author/date style citation styles	Rhead	408
authorindex	Index citations by author names	Wettstein	534
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	522
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	411
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	431
autoalign	Align terms and members in math expressions	Tellechea	479
autobreak	Simple line breaking of long formulae	Ueda	500
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	338
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	138
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	224
autolist	More lists	Shipunov	446
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	502
automata	Finite state machines, graphs and trees in MetaPost	Puppis	399
automatica	A harvard-family BibTeX style	Balemi	139
autonum	Automatic equation references	Häcker	243
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	534
autopict	The L <sup>A</sup> T <sub>E</sub> X picture mode, for use with Plain T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Carlisle	491
autopuncitems	Automatically punctuate lists	Ewasiuk	207
autosps	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	480
autotab	Generating tabulars from input data	Kruljac	303
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	502
autoview	Maintain a Ghostscript view of emacs buffer	Goel	230
auxhook	Hooks for auxiliary files	Oberdiek	369
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	194
aweb	Web system for programs written in Ada	Schweigert	440
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	192
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	185
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	515
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	184
<b>BBBBB</b>			
blencoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	537
babel-albanian	Support for Albanian within babel	Bezos López, Braams	323
babel-azerbaijani	Support for Azerbaijani within babel	Bezos López	321
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	292
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	129
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	368
babel-bosnian	Babel contrib support for Bosnian	Halilčević	244
babel-breton	Babel contributed support for Breton	Rolland	417



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezos López, Braams	157
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	241
babel-contrib	Contributed language-support files for Babel	various authors	513
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	381
babel-czech	Babel support for Czech	Bezos López, Braams	323
babel-danish	Babel contributed support for Danish	Bezos López, Braams	323
babel-dutch	Babel contributed support for Dutch	Bezos López, Braams	323
babel-english	Babel support for English	Bezos López, Braams	323
babel-esperanto	Babel support for Esperanto	Bezos López, Braams, Martí	324
babel-estonian	Babel support for Estonian	Vajakas, Saar	511
babel-finnish	Babel support for Finnish	Bezos López, Braams	323
babel-french	Babel contributed support for French	Flipo	216
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	144
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	410
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	447
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	403
babel-greek	Babel support for the Greek language and script	Syropoulos, Bezos López, Braams, Milde	471
babel-hebrew	Babel support for Hebrew	Bezos López, Braams, Lavva, Rosendahl, Fogiel	324
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	471
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezos López	133
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezos López	292
babel-interlingua	Babel support for Interlingua	Bezos López, Braams	323
babel-irish	Babel support for Irish	Bezos López, Braams	323
babel-italian	Babel support for Italian text	Bezos López, Braams, Beccari, Codogno	324
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	266
babel-kurmanji	Babel support for Kurmanji	Bezos López, Braams	323
babel-latin	Babel support for Latin	Wehr, Bezos López, Braams, Beccari	533
babel-latvian	Babel support for Latvian	Lasis, Bezos López	311
babel-lithuanian	Babel support for documents written in Lithuanian	Tolušis	495
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	496
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezos López	292
babel-norsk	Babel support for Norwegian	Bezos López, Braams	323
babel-occitan	Babel support for Occitan	Valmary	512
babel-piedmontese	Babel support for Piedmontese	Beccari	144
babel-polish	Babel support for Polish	Bezos López, Braams, Schalück, Janich, Woliński	324
babel-portuges	Babel support for Portuges	Bezos López, Braams	323
babel-romanian	Babel support for Romanian	Bezos López, Braams, Horst, Juhasz	324
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	144
babel-russian	Russian language module for Babel	Kotelnikov	300
babel-samin	Babel support for Samin	Bezos López, Braams, Jernsletten	324
babel-scottish	Babel support for Scottish Gaelic	Bezos López, Braams	323

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-serbian	Babel/Polyglossia support for Serbian	Bezós López, Braams, Stefanović	324
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	161
babel-slovak	Babel support for typesetting Slovak	Bezós López, Braams, Chlebíková, Tesařík	324
babel-slovenian	Babel support for typesetting Slovenian	Bezós López, Braams	324
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	324
babel-spanglish	Simplified Spanish support for Babel	Rivera	410
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	325
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	324
babel-thai	Support for Thai within babel	Karoonboonyanan	278
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	333
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	159
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	316
babel-welsh	Babel support for Welsh	Braams, Bezós López	159
babel	Multilingual support for L <sup>A</sup> T <sub>E</sub> X, LuaL <sup>A</sup> T <sub>E</sub> X, XeL <sup>A</sup> T <sub>E</sub> X, and Plain T <sub>E</sub> X	Bezós López, Braams	323
babelbib	Multilingual bibliographies	Harders, Preining	248
babeltools	Tools for dealing with Babel annoyances	Bezós López	321
babylonianum	Typeset Babylonian numerals with XeT <sub>E</sub> X	Pinson	394
backgrnd	Mark text with grey background or change bar	Schmitt	434
background	Placement of background material on pages of a document	Medina Arellano	133
backnaur	Typeset Backus Naur Form definitions	Robson	415
backref	Make hyper-references back from bibliography to citation	Oberdiek	369
backrefx	Bibliographical back referencing	Els	204
badge	Print badge labels	van Oostrum	378
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	285
bagpipe	Support for typesetting bagpipe music	Innis	266
bahyph	Hyphenation for Basque	Aguirregabiria	129
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	335
bakoma-games	BaKoMa modules for music and games	Malyshev	335
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	335
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	335
balance	Balanced two-column mode	Daly	189
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	502
balancedquotes	Code balanced quotes according to document language	Selberg	441
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	263
bangorcsthesis	Typeset a thesis at Bangor University	Gray	236
bangorexam	Typeset an examination at Bangor University	Gray	236
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	383
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	287
bar	A patched version of bar.sty	Bleser, Lang	153
barcodes-vulis	A font for making barcodes	Vulis	528
barcodes	Fonts for making barcodes	Willadt	536
bard	Celtic bardic runes font	Lüddecke	329
bardi	Hyphenation and babel support for Bardi	Bowern	159
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	460
bargraph-js	Create bar graphs using form fields and JavaScript	Story	462
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	153
barracuda	Draw barcodes with Lua	Giacomelli	227
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	141
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	292
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bashkirian	Bashkirian extension to OT2 fonts	Knappen	290
basicarith	Macros for typesetting basic arithmetic	Goodman	232
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	307
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	237
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	405
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	443
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	443
basque-book	Class for book-type documents written in Basque	Ibarra	265
basque-date	Print the date in Basque	Ibarra	265
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	139
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	287
baum	Trees, using PicTeX	Unknown	502
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	343
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	361
bbfig	Calculate and print bounding box	Batchelder, Cosell	142
bb12html	Convert a L <sup>A</sup> T <sub>E</sub> X .bbl file to formatted html code	Blok	154
bbm-macros	L <sup>A</sup> T <sub>E</sub> X support for "blackboard-style" cm fonts	Hilbrich	257
bbm	"Blackboard-style" cm fonts	Robert	410
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	261
bbold	Sans serif blackboard bold	Jeffrey	271
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	443
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	416
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	305
bclogo	Creating colourful boxes with logos	Chupin	181
bdfchess	Typeset correspondence chess games	Hassel	250
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	522
beamer-rl	Right to left presentation with beamer and babel	Bou	158
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	169
beamer-verona	A theme for the beamer class	Valbusa	512
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	347
beamer2thesis	Thesis presentations using beamer	Fiandrino	212
beamerappendixnote	Create notes on appendix frames in beamer	Semken	442
beameraudience	Assembling beamer frames according to audience	Marschall	337
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	466
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	181
beamerdarkthemes	Dark color themes for beamer	Thiriet	492
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	197
beamerframe	Reorder frames in the PDF file	Kaufmann	279
beamerswitch	Convenient mode selection in Beamer documents	Ball	139
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	390
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	376
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	346
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	263
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	129
beamertheme-light	A minimal beamer style	Vergnet, Goepp	514
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	521
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	337
beamertheme-phn...	A simple beamer theme	Ol	377
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	182
beamertheme-rai...	A beamer colour theme which alternates theme colours on every frame	Unknown	502
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	224

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Beamertheme-Sim...	Template for a simple presentation	Huang	264
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	264
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	502
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	308
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	465
beamerthemeAmur...	A new modern beamer theme	Chupin	181
beamerthemeJLTree	Contributed beamer theme	Lelong	315
beamerthemelalic	A beamer theme for LALIC	Moreira	353
beamerthemenirma	A Beamer theme for academic presentations	Revar	408
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	530
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	553
bearwear	Shirts to dress TikZbears	Fischer	215
beaulivre	Write your books in a colorful way	XU	544
beautybook	A beautiful book template for maths and science	Lu	326
Beebe-DVI	A modular collection of DVI processors	Beebe	146
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	144
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	217
begriff	Typeset Begriffschrift	Parsons	386
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	449
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	284
belleek	Free replacement for basic MathTime fonts	Kinch	286
bellmac	Outline scheme for form letter production	Bell	149
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	404
bengali-pandey	Support for the Bengali language	Pandey, Das	384
bera	Bera fonts	Rosenau, Dirr, Schmidt	419
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	406
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	193
bestpapers	A BibTeX package to produce lists of authors’ best papers	Veytsman	516
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	150
beton	Use Concrete fonts	Jensen	272
beuron	The script of the Beuronese art school	Wehr	532
bewerbung	Typesetting job applications	Hilbig	257
bez123	Support for Bezier curves	Robertson, Wilson	412
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	417
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	389
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	356
bg	Annotate backgammon matches and positions	Richter	409
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	157
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	410
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	247
bguq	Improved quantifier stroke for Begriffschrift packages	Green	237
BHCexam	An exam class for mathematics teachers in China	Bao	140
bib-fr	French translation of classical BibTeX styles	Markey	337
bib-greek	A BibTeX style for Greek documents	Syropoulos	469
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	220
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	472
bib2ml	BibTeX to HTML/SQL/XML translator	Galland	224
bib2xhtml	Convert BibTeX Files into XHTML	Spinellis, Hull	455
BibArts	“Arts”-style bibliographical information	Baumann	143
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	249
bibcard	An XView based interface for BibTeX databases	Grossniklaus, Ogden	240
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	401

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibclean	A BibTeX prettyprinter, verifier, etc	Beebe	146
bibcop	Style checker for .bib files	Bugayenko	164
bibdb	BibTeX bibliography manager for MS-Windows and MS-DOS	Doron	196
bibentry	Full bibliography entries in the main text of a document	Daly	189
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	163
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	286
biber-linux-aar...	Biber binaries for Linux_aarch64	Krumeich	303
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	286
biber-linux	Biber binaries for Linux	Kime	285
biber-macos	Biber binaries for MacOS	Kime	285
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	285
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	285
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	285
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	285
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	471
biber-windows	Biber binaries for Windows	Kime	285
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	285
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	241
bibexport	Extract a BibTeX file based on a .aux file	Markey	337
bibextract	Utilities to extract BibTeX data	Beebe	146
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	387
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	360
bibfind	Prints entries in your bib file that match search string	Breivik	161
bibhtml	BibTeX support for HTML files	Gray	236
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	206
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	337
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	138
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	420
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	285
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	285
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	160
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	158
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	494
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	140
biblatex-bookin...	Manage book edited in article	Rouquette	420
biblatex-bookin...	Manage book edited in other entry type	Rouquette	420
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	522
biblatex-casper...	A simple citation style for Chinese users	Vector	514
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	405
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	542
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	223
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	420
biblatex-cv	Create a CV from BibTeX files	Shub	447
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	531
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	169
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	533
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	455
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	553
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	162
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	195



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblatex-historian	A BibLaTeX style	Gliboff	230
biblatex-ieee	IEEE style files for BibLaTeX	Wright	542
biblatex-ijrsra	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	158
biblatex-iso690	BibLaTeX style for ISO 690 standard	Hoftich	259
biblatex-jura	BibLaTeX stylefiles for German legal literature	Hard	247
biblatex-jura2	Citation style for the German legal profession	Christoph	181
biblatex-juradiss	BibLaTeX stylefiles for German law theses	Schwan, Voß	439
biblatex-license	Add license data to the bibliography	Wagner	528
biblatex-lncs	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	233
biblatex-lni	LNI style for BibLaTeX	Kopp	299
biblatex-luh-ipw	BibLaTeX styles for social sciences	Heins	251
biblatex-manusc...	Manage classical manuscripts with BibLaTeX	Rouquette	420
biblatex-mla	MLA style files for BibLaTeX	Clawson	182
biblatex-morenames	New names for standard BibLaTeX entry type	Rouquette	420
biblatex-ms	Sophisticated Bibliographies in LaTeX (multiscript version)	Kime	285
biblatex-multip...	Load multiple datamodels in BibLaTeX	Rouquette	420
biblatex-musuos	A BibLaTeX style for citations in musuos.cls	Weh	532
biblatex-nature	BibLaTeX support for Nature	Wright	542
biblatex-nejm	BibLaTeX style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	132
biblatex-nottsc...	Citation style for the University of Nottingham	Bossert	158
biblatex-opcit...	Use op. cit. for the booktitle of a subentry	Rouquette	420
biblatex-oxref	BibLaTeX styles inspired by the Oxford Guide to Style	Ball	140
biblatex-philos...	Styles for using BibLaTeX for work in philosophy	Valbusa	512
biblatex-phys	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	542
biblatex-publist	BibLaTeX bibliography support for publication lists	Spitzmüller	456
biblatex-readbbl	Read a .bbl file created by biber	Voß	522
biblatex-realau...	Indicate the real author of a work	Rouquette	420
biblatex-sbl	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	399
biblatex-science	BibLaTeX implementation of the Science bibliography style	Wright	542
biblatex-shortf...	Use short forms of fields with BibLaTeX	Rouquette	420
biblatex-social...	BibLaTeX-style for the social sciences at HU Berlin	Bossert	158
biblatex-software	BibLaTeX stylefiles for software products	Di Cosmo	186
biblatex-source...	References by “division” in classical sources	Rouquette	420
biblatex-spbasic	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	522
biblatex-subseries	Manages subseries with BibLaTeX	Rouquette	420
biblatex-swiss...	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	520
biblatex-trad	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	533
biblatex-true-c...	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	420
biblatex-unified	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	215
biblatex-vancouver	Vancouver style for BibLaTeX	Mondal	351
BibLaTeX	Sophisticated Bibliographies in LaTeX	Lehman, Kime	314
biblatex2bibitem	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	138
BiBLE	A BibTeX library editor	Schreiber	435
bibleref-french	French translations for bibleref	Rouquette, Pinson	421
bibleref-german	German adaptation of bibleref	Waßenhoven	531
bibleref-lds	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	385
bibleref-mouth	Consistent formatting of Bible references	Parry	385
bibleref-parse	Specify Bible passages in human-readable format	Kuhnert	305
bibleref	Format bible citations	Talbot, Rouquette	477
bibletext	Insert Bible passages by their reference	Staps	459
biblio-perl	System for maintaining and presenting bibliographies	Stepanyan	460



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblio	A collection of bibliographies	Beebe	147
biblist	Print a BibTeX database	Schrod	436
biblook	Fast searching of BibTeX files	Erickson, Beebe	206
biblos	CGI interface to BibTeX files	Moller	351
bibmods	Tighter tolerances for bibliographies	Beebe	147
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	212
bibsort	Sort a BibTeX bibliography file	Beebe	147
BibTeX-examples	Examples of BibTeX usage	Beebe	147
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	242
BibTeX-help	VMS help file for BibTeX	Greenwade	237
bibtex-test	BibTeX testing files	Beebe	147
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	386
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	280
BibTexMng	Manipulate BibTeX database files	VNP Comp	521
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	233
bibtexu	An adaptation of BibTeX 0.99 that supports Unicode via ICU	Haralambous, Japanese T <sub>E</sub> X Team, T <sub>E</sub> XLive	246
BibTool	A tool for manipulating BibTeX files	Neugebauer	361
bibtools	Bib management tools	Kotz, Gildea	300
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	142
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	437
bibunits	Multiple bibliographies in one document	Fernández, Hansen	212
bibutils	A collection of bibliography format convertors	Putnam	399
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	318
bibview	View BibTeX files	Jacobsen	269
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	384
bicaption	Support for bilingual captions	Sommerfeldt	454
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	443
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	281
bidi	Bidirectional typesetting in plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	281
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	281
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	281
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	281
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	281
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	281
bidstobibtex	Convert BIDS returns to BibTeX	Stone	461
bigdelim	Big delimiters in tabular or array	van Oostrum	378
bigfoot	Footnotes for critical editions	Kastrup	278
bigintcalc	Integer calculations on very large numbers	Oberdiek	370
bigints	Writing big integrals	Merciadri	345
bigsign	Making "big signs" (mini-posters)	Lingnau	319
bigstrut	Struts for opening up tabular spacing	van Oostrum	378
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	338
bigtabular	Tabulars that can split at page boundaries	Duchier	199
biihead	Underlined page headings	Shapin	443
bilingualpages	Typeset two columns in parallel	Coles	183
binarytree	Drawing binary trees using TikZ	Nikolova	366
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	278

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
binomexp	Calculate Pascal's triangle	Roderick	415
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	168
biocon	Typesetting biological species names	Edelman	202
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	447
biolett-bst	A BibTeX style for the journal "Biology Letters"	DeSouza	193
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	480
biolist	List observed species	Shipunov	447
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	139
bit2spr	Convert bitmaps to "sprites"	Rovner	422
bitelist	Split list, in T <sub>E</sub> X's mouth	Lück	326
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	493
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	276
bitpattern	Typeset bit pattern diagrams	Bourguet	158
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	468
bitset	Handle bit-vector datatype	Oberdiek	370
bitstrea	Support for use of Bitstream fonts	Unknown	502
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
bizcard	Typeset business cards	Kirsch	286
bjfuthesis	A thesis class for Beijing Forestry University	Liu	320
blackboard	Comparison of blackboard bold fonts	Kummer	306
blackletter	A blackletter font	Unknown	502
blacklettert1	T1-encoded versions of Haralambous old German fonts	Bronger	162
blanks	Macros for "fill in the blanks" forms	Varian	513
blindtext	Producing 'blind' text for testing	Lickert	318
blkarray	Extended array and tabular	Carlisle	170
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	468
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	531
block	A block letter style for the letter class	Huang	264
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	494
BLOpenType	A basic LuaTeX OpenType handler	Rivera	410
bloques	Generate control diagrams	Ruiz	424
blowup	Upscale or downscale all pages of a document	Niepraschk	365
blox	Draw block diagrams, using TikZ	Reish	407
blue	A document preparation system	van der Laan	307
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	172
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	455
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	155
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	301
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	301
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	370
bmstu-iu8	A class for IU8 reports	Unknown	503
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	368
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	399
bnumexpr	Extends eTeX's \numexpr... \relax construct to big integers	Burnol	166
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	385
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	277
bohr	Simple atom representation according to the Bohr model	Niederberger	363
boisik	A font inspired by Baskerville design	Mitek	349
boites	Boxes that may break across pages	Zoonekynd, Malaquias	555
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	208
boldline	Heavier lines in tables	Shipunov	447
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	214
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	200

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	218
book-examples	A collection of examples from published T <sub>E</sub> X-related books	Unknown	503
book-of-common-...	Typeset in the style of “Book of Common Prayer”	Coles	183
book	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	488
bookcover	A class for book covers and dust jackets	Tómacs	496
bookdb	A BibTeX style file for cataloguing a home library	Wilson	537
bookest	Extended book class	Bresciani	161
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	343
bookhands	A collection of book-hand fonts	Wilson	537
booklet	Aids for printing simple booklets	Robertson, Wilson	412
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	370
bookshelf	Create a nice image from a BibTeX file	Flynn	217
booktabs-de	German version of booktabs	Römer, Manderla	418
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	198
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	205
boolexpr	A boolean expression evaluator and a switch command	Chervet	178
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	443
bophook	Provides an At-Begin-Page hook	Tinnefeld	494
borceux	Diagram macros by François Borceux	Borceux	156
border	Draw a black border around a Plain T <sub>E</sub> X page	Briser	162
bosisio	A collection of packages by Francesco Bosisio	Bosisio	157
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	448
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	448
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	381
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	440
boxit-ltx	An environment for boxing things	van der Goot	233
boxit	Draw a box around a text	Unknown	503
bpchem	Typeset chemical names, formulae, etc	Pedersen	387
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	255
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	177
bracketkey	Produce bracketed identification keys	Heibl	251
braids	Draw braid diagrams with PGF/TikZ	Stacey	457
braille	Support for braille	Park, Unruh	385
braket	Dirac bra-ket and set notations	Arseneau	134
brandeis-disser...	Class for Brandeis University dissertations	Burt, Peck	167
brandeis-proble...	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	499
brandeis-thesis	A class for Brandeis University M.A. theses	Burt	167
brclc	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	400
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	262
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	169
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	541
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	197
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	307
bridge	Typesetting bridge diagrams	van der Laan	307
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	250
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	477
brushscr	A handwriting script font	Loreti	325
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	314
bsheaders	Double-ruled chapter heading style	Loreti	325
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	238
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	448
btable	Bordered tables	van der Laan	307

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bt00L	Perl library for parsing and processing BibTeX files	Ward	531
bubblesort	Bubble sorts a list	Taylor	478
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown, Changcheng Student Network	510
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	345
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	381
burmese	Basic Support for Writing Burmese	Reese, Lepper	406
buscard	A document style for business cards	Roth	419
business-research	Markup for the journal Business Research	Löffler, Schanz	320
businesscard-qr...	Business cards with QR-Code	Wäckerlin	528
bussproofs-extra	Extra commands for bussproofs.sty	Zach	549
bussproofs	Proof trees in the style of the sequent calculus	Buss	168
BXbase	BX bundle base components	Yato	547
bxcalc	Extend the functionality of the calc package	Yato	547
bxCJKatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	547
bxdpx-beamer	Dvipdfmx extras for use with beamer	Yato	547
bxdivdriver	Enables specifying a driver option effective only in DVI output	Yato	547
bxeepic	Eepic facilities using pict2e	Yato	547
bxenclose	Enclose the document body with some pieces of code	Yato	547
BXghost	Ghost insertion for proper xkanjiskip	Asakura	137
BXjoholiday	Support for Japanese holidays	Asakura	137
BXjalipsum	Dummy text in Japanese	Yato	547
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	547
bxjatoucs	Convert Japanese character code to Unicode	Yato	547
BXjscis	Japanese document class collection for all major engines	Yato	547
bxnewfont	Enhanced \newfont command	Yato	547
bxorigcapt	To retain the original caption names when using Babel	Yato	547
bxpapersize	Synchronize output paper size with layout paper size	Yato	547
bxpdfver	Specify version and compression level of output PDF files	Yato	547
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	548
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	548
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	419
byrne	This package provides a set of tools to typeset geometric proofs in the style of Oliver Byrne’s 1847 ed. of Euclid’s “Elements”	Slyusarev	451
bytefield	Create illustrations for network protocol specifications	Pakin	381
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	185
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	512
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	440
c2cweb	C language prettyprinter	Lemberg	316
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	403
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
cachepic	Convert document fragments into graphics	Trzeciak	497
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	448
cahierprof	Schedule and grade books for French teachers	Giromini	228
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	241
caladea	Support for the Caladea family of fonts	Tennent	480
calc	Simple arithmetic in L <sup>A</sup> T <sub>E</sub> X commands	L <sup>A</sup> T <sub>E</sub> X Team, Thorup, Jensen	492
calcage	Calculate the age of something, in years	Schneider	434
calctab	Language for numeric tables	Giacomelli	227
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	218
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	223
calendar-Barr	A calendar document	Barr	141
calendar	A package for calendars and timetables	Bennett	149
calendarweek	Calculate the week number of a date	Hoekwater	258

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	512
calligra	Calligraphic font	Vanroose, Dachian	512
callouts	Put simple annotations and notes inside a picture	Stuetz	466
calorie	Calorie checking for dieters	Aonuma	133
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	554
cals	Multipage tables with wide range of features	Parashchenko	385
calxxxx-yyyy	Print a calendar for a group of years	Münch	355
calxxxx	Prints a card-size calendar for any year	Jankovic	270
camel	Prototype work on future citation engine	Bennett	149
cancel	Place lines through maths formulae	Arseneau	134
canoniclayout	Create canonical page layouts with memoir	Beccari	144
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	352
capbas	Capital baseball "matrix printer" font collection	Bloemen	154
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	161
capt-of	Captions on more than floats	Fairbairns, Carlisle	208
captcont	Retain float number across several floats	Cochran	182
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	208
caption	Customising captions in floating environments	Sommerfeldt	454
caption2	Superseded version of the caption package	Sommerfeldt	454
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	363
card-set	Typeset text for cardfile cards	Potuček Jr.	275
card	Print visiting cards	Balemi	139
carlisle	David Carlisle's small packages	Carlisle	170
carlito	Support for Carlito sans-serif fonts	Tennent	480
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	274
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	537
cartonaugh	A LuaL <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Bouajjaj	158
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	384
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	140
cascover	Make cassette covers	Raaijmakers	400
cases	Numbered cases environment	Arseneau	134
casiofont	Support for the Casio ClassWiz font	Munn	356
cassette-shipunov	Print labels for audio cassettes	Shipunov	447
cassette	Typeset cassette box inserts	Strip	466
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	461
casstbl	Typeset cassette labels	Besson	152
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	193
catalan	Catalan hyphenation patterns	Wierda	535
catalanbib	Bibliographic styles for use in Catalan	Fuster	223
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	536
catchfile	Catch an external file into a macro	Oberdiek	370
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	178
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	326
catdoc	Text extractor for word files	Wagner	528
catdvi	A DVI to plain text translator	Kaijanaho, Brill	276
catechis	Macros for typesetting catechisms	Goodman	232
catoptions	Preserving and recalling standard catcodes	Musa	358
causets	Draw causal set (Hasse) diagrams	Minz	348
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	146
cbe	Bibliography style for Council of Biology Editors format	Rogers	416
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	144
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	146
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	269



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ccaption	Continuation headings and legends for floats	Robertson, Wilson	413
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	432
cchess	Chinese chess	Richer, Mittelbach	409
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	501
CClicenses	Typeset Creative Commons licence logos	Pignalberi	393
ccool	A key-value document command parser	Rogard	416
cd	Typeset CD covers	Vigna, Lemberg	519
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	503
cdcover	Typeset CD covers	Holm Christensen	180
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	203
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	345
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	341
cell	Bibliography style for Cell	Schneider	435
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	409
cellspace	Ensure minimal spacing of table cells	Noirel	367
cellular	Cellular table construction	Pittman	395
cellwise	Building tables one cell at a time	Borck-Elsner	156
celtic	A TikZ library for drawing celtic knots	Stacey	457
censor	Tools for producing redacted documents	Segletes	441
centeredline	A macro for centering lines	Burnol	166
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	220
centernot	Centred \not command	Oberdiek	370
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	268
cesenaexam	A class file to typeset exams	Pacini	380
cfgguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	488
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	405
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	405
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	159
changelayout	Change the layout of individual pages and their text	Musa	358
changelog	Typesetting keepachangelog.com style changelogs	Turner	500
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	413
changes	Manual change markup	Kleinod	289
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	209
chapref	Bibliography details per chapter	Knaggs	290
chapterbib	Multiple bibliographies in a document	Arseneau	134
chapterfolder	Package for working with complicated folder structures	Mathieu	338
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	480
charter	Charter fonts	Bitstream	153
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	436
chbibref	Change the Bibliography/References title	Wilson	537
cheatsheet	A simple cheatsheet class	Hinrichs	257
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	204
check	A syntax checker and tidier	Grothmann	240
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gregorio	175
checkend	Extend “improperly closed environment” messages	Bezos López	321
checklab	A patch for the label-checking code	Fairbairns, Carlisle	208
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	159
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	257
chemarr	Arrows for chemists	Oberdiek	370
chemarrow	Arrows for use in chemistry	Schroeder	437
chembst	A collection of BibTeX files for chemistry journals	Schenk	430



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	430
chemcono	Support for compound numbers in chemistry documents	Schulz	438
chemexec	Creating (chemical) exercise sheets	Niederberger	363
chemfig	Draw molecules with easy syntax	Tellechea	479
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	363
chemgreek	Upright Greek letters in chemistry	Niederberger	363
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	363
chemnum	A method for numbering chemical compounds	Niederberger	364
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	545
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	211
chemscheme	Support for chemical schemes	Wright	542
chemscheme	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	448
chemsec	Automated creation of numeric entity labels	Finnerty	214
chemstruct	Structural organic chemistry	Ramek	403
chemstyle	Writing chemistry with style	Wright	542
chemsym	Macros for typing chemical symbols	Dahlgren	188
chemtex	Structural chemistry	Haas	242
chex	Adobe chess font	Renner	408
cherokee	A font for the Cherokee script	Stanier	458
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	258
chess	Fonts for typesetting chess boards	Tutelaers	500
chessboard	Print chess boards	Fischer	215
chessfss	A package to handle chess fonts	Fischer	215
chessmin	Minimal chess diagrams	Blair	153
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	461
chextras	A companion package for the Swiss typesetter	Oriet	379
chgbar	Draw change bars in the margin	Johnson	273
chhaya	Linguistic glossing in Marathi language	Unknown	503
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	307
chicago	A "Chicago" bibliography style	Glenn	229
chicagoa	"Chicago" bibliography style with annotations	Glenn	230
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	497
chifoot	Chicago-style footnote formatting	Miller	347
childdoc	Directly compile \include'd child documents	Beisert	148
china2e	Font and macros for Chinese calendar	Heyl	256
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	503
chinesechess	Typeset Chinese chess with l3draw	Geng	225
chitex	A Chinese T <sub>E</sub> X system	Chen	177
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	207
chkfloat	Warn whenever a float is placed "to far away"	Hejda	251
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	316
chktx	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	492
chletter	Class for typesetting letters to Swiss rules	Oriet	379
chngcntr	Change the resetting of counters	Robertson, Wilson	413
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	413
chomsky	Macros to typeset parsing trees	Barr	141
chordbars	Print chord grids for pop/jazz tunes	Kramm	301
chordbox	Draw chord diagrams	Franzen	220
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	280
chronology	Provides a horizontal timeline	Wiseman, Armacost	540
chronosys	Drawing time-line diagrams	Long	321
chs-physics-report	Physics lab reports for Carmel High School	Zhang	552
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	449
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	302

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	481
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	312
circle	Maths mode circles for temporal logic	Barthelmann	142
circledsteps	Typeset circled numbers	Giannetti	227
circledtext	Create circled text	Geng	225
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	133
CircuiTikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt, Giannetti	405
cirth	Fonts for Cirth	Habets, Grant	242
citation-style-...	Bibliography formatting with Citation Style Language	Lee	313
cite-bundle	Citation management bundle	Arseneau	134
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	134
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	215
citeref	Add reference-page-list to bibliography-items	Briel	161
citesidx	Produce a citation list for the bibliography	Buchholz	163
CJ	BibTeX style for Computer Journal	Gärtner	224
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	361
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	276
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	316
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	397
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	284
cjk	CJK language support	Lemberg	316
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	552
cjw	A bundle of packages and classes	Wynne	543
clara	A serif font family	Miller	347
classes	The source of L <sup>A</sup> T <sub>E</sub> X's standard classes	L <sup>A</sup> T <sub>E</sub> X Team	488
classico	URW Classico fonts	Tennent	481
classics	Cite classic works	Lourenço de Lima	319
ClassicThesis	A "classically styled" thesis package	Miede	346
classif2	Biological classification tables	Shipunov	447
classlist	Record classes used in a document	Oberdiek	370
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	217
cleantesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	310
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
clefval	Key/value support with a hash	Henel	253
cleveref-usedon	Adds forward-referencing functionality to the cleveref package	Pistre	395
cleveref	Intelligent cross-referencing	Cubitt	187
clicks	Slide Deck Animation	Bugayenko	164
clip	A language-independent literate programming tool	Van Ammers, Kramer	132
clipboard	Copy and paste into and across documents	Lourenço de Lima	319
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	416
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	184
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	309
closefrm	Tidy up after reading a MetaPost file	Vieth	519
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	221
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	232
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	185
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	185
clrstrip	Place contents into a full width colour strip	Spratte	456
clsguide	Documentation of L <sup>A</sup> T <sub>E</sub> X class and package writing	L <sup>A</sup> T <sub>E</sub> X Team	488
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	133
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	333
cm-gf	Generate GF format for CM	Ramsdell	403
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	303

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	278
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	394
cm-mf	Sources of the Computer Modern fonts	Knuth	292
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	292
cm-super	CM-Super family of fonts	Volovich	522
cm-tfm	Metric files for the Computer Modern fonts	Knuth	292
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	384
cm	Computer Modern fonts	Knuth	292
cmactex	TeX for the Macintosh	Kiffe	284
cmap	Make PDF files searchable and copyable	Volovich, Krüger	522
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	204
cmastro	Font for planetary symbols	Unknown	503
cmathbb	Computer modern mathematical blackboard bold font	Chao	176
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	432
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	389
cmcyr	Computer Modern fonts with cyrillic extensions	Gloniti, Samarin, Malyshev	230
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	249
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	249
cmdstring	Get command name reliably	Noirel	367
cmdtrack	Check used commands	Downes	196
cmextra-latex	Install macros for "standard" fonts not used by L <sup>A</sup> T <sub>E</sub> X itself	L <sup>A</sup> T <sub>E</sub> X Team	488
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	478
cmll	Symbols for linear logic	Beffara	148
cmoefont	Old English glyphs to go with Computer Modern	Bradfield	160
cmolddig	Virtual fount setup for using old style digits	McDonnell	342
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	253
cmpica	A Computer Modern Pica variant	Hosek	262
cmpj	Style for the journal Condensed Matter Physics	Shvaika	448
cms4talks	Content Management System for Talks	Nebendahl	360
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	432
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	554
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	459
cmtest	CM fonts test sources	Knuth	292
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	555
cmtt	A package for handling the cmtt font better	Wooding	541
CM Type3	Type 3 outline versions of the CM fonts	Toal	494
cmupint	Upright integral symbols for Computer Modern	Stefanović	459
cmyk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	155
cnbwp	Typeset working papers of the Czech National Bank	Wagner	528
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	364
cnoweb	Simple "quality" printing of C sources	Fox	219
cntdwn	Support for countdowns, and for clocks in any timezone	Story	462
cntformats	A different way to read counters	Niederberger	364
cntperchap	Store counter values per chapter	Hupfer	264
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	443
code	Typeset "code" in verbatim	Ferguson	211
code128	Barcode macros for the Code 128 standard	Olšák	377
codeanatomy	Typeset code with annotations	Bùi	165
codebox	Highlighted source code in a fancy box	Geng	225
codedescribe	A minimalist set of commands (expl3 based) to describe Document and Class level commands/functions	Frigeri	222
codedoc	L <sup>A</sup> T <sub>E</sub> X code and documentation in L <sup>A</sup> T <sub>E</sub> X-format file	Isambert, Robbers	266
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	332
codepage	Support for variant code pages	Aubord	138
codesection	Provides an environment that may be conditionally included	Pospiech	396

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
codicefiscalt...	Test the consistency of the Italian personal Fiscal Code	Beccari	145
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
coffeestains	Add coffee stains to documents	Bideault	152
colcell	Collect contents of a tabular cell as argument to a macro	Scharrer	428
collect	Collect text for later re-use	Sauer	427
collectbox	Collect and process macro arguments as boxes	Scharrer	428
collref	Collect blocks of references into a single reference	Beisert	148
colonequals	Colon equals symbols	Oberdiek	370
colophon	Provides commands for producing a colophon	Goodman	232
color-edits	Colorful edits for multiple authors of a shared document	Kempe	280
color	Colour control for L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	174
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	243
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	269
colorframed	Fix color problems with the package “framed”	Burnol	166
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	365
coloring	Define missing colors by their names	Hu	263
colorist	Write your articles or books in a colorful way	XU	544
colorprofiles	Collection of free ICC profiles	Preining	397
colors	Simple colour-selection commands	Knight	292
colorsep	Color separation	Rahtz	401
colospace	Provides PDF color spaces	Bezos López	321
colortab	Shade cells of tables and halign	Van Zandt, Voß	551
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	170
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	175
colorwav	Colours by wavelength of visible light	Setzer	442
colorweb	Extend the color package colour space	Beach	144
colourchange	Colourchange	Bradley	160
combelow	Typeset “comma-below” letters, as in Romanian	Pignalberi	394
combine	Bundle individual documents into a single document	Robertson, Wilson	413
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	434
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	215
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	352
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	259
comicsans	Use Microsoft Comic Sans font	Pakin	381
comma	Formats a number by inserting commas	Carlisle	170
commado	Expandable iteration on comma-separated and filename lists	Lück	326
commath	Mathematics typesetting support	Putschögl	399
commedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	516
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	130
comment	Selectively include/exclude portions of text	Eijkhout	203
comment_io	A Python script to comment and uncomment lines	Larsson	310
committee-font	A font designed by a committee	Unknown	503
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	400
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	160
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	529
compact-symbols	Compact lists of symbols	Sermutlu	442
compactbib	Multiple thebibliography environments	Lejay	315
compare	Compare two strings	McManus	343
competences	Track skills of classroom checks	Bares	140
complexity	Computational complexity class names	Bourke	159
components	Components of T <sub>E</sub> X	Schrod	436
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	383
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	468
computational-c...	Class for the journal Computational Complexity	Nüsken	369

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
computer-typese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	139
concepts	Keeping track of formal ‘concepts’ for a particular field	Helvensteijn	252
concmath-fonts	Concrete mathematics fonts	Vieth	519
concmath-otf	Concrete based OpenType Math font	Flipo	216
concmath	Concrete Math fonts	Vieth	519
concprog	Concert programmes	Brodnik	162
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	250
concrete	Concrete Roman fonts	Knuth	292
CondiTeXt	Define and manage conditional content	Brabant	159
confproc	A set of tools for generating conference proceedings	Verfaille	514
consdiag	A utility for OO programming documentation	Algaba	131
constants	Automatic numbering of constants	Lejay	315
coneq	Typeset multiline continued equalities	Breitner	161
context-account	A simple accounting package	Schuster	438
context-algorit...	Algorithm handling in ConTeXt	Schuster	438
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	438
context-annotation	Annotate text blocks	Schuster	438
context-bnf	A BNF module for ConTeXt	Weibull	533
context-calenda...	Collection of calendars based on the PocketDiary-module	Egger	202
context-chromato	ConTeXt macros for chromatograms	Münster	357
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	357
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	357
context-collati...	Environment to place collating marks on the spine of a section	Egger	202
context-constru...	Construction plans in ConTeXt	Münster	357
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	226
context-degrade	Degrading JPEG images in ConTeXt	Münster	357
context-fancybreak	Overfull pages with ConTeXt	Schuster	438
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	334
context-fixme	Make editorial marks on a document	Schuster	439
context-french	Support for writing French in ConTeXt	Münster	357
context-fullpage	Overfull pages with ConTeXt	Schuster	439
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	408
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwa- ter	346
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	244
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	357
context-interva...	Date driven lists or lists driven by date-intervals	Egger	202
context-layout	Show ConTeXt layouts	Gundlach	241
context-letter	ConTeXt package for writing letters	Schuster	439
context-letrine	A ConTeXt implementation of letrines	Hoekwater, Flipo	258
context-lilypond	Lilypond code in ConTeXt	Creutzig	187
context-mathsets	Set notation in ConTeXt	Mahajan	334
context-notes-z...	Notes on using ConTeXt MkIV	Li	317
context-pocketd...	A personal organiser	Egger	203
context-rst	Process reStructuredText with ConTeXt	Gesang	226
context-ruby	Ruby annotations in ConTeXt	Schuster	439
context-sgf	A Go system in ConTeXt	Chen, Schuster	177
context-simplef...	Simplified font usage for ConTeXt	Schuster	439
context-simples...	A module for preparing presentations	Mahajan, Schmitz, Ramm	335
context-sudoku	Sudokus for ConTeXt	del Rio	409
context-taspresent	Simple presentations using ConTeXt	Schmitz	434
context-title	Place document titles	Schuster	439
context-top-ten	The ”top ten” ConTeXt commands	Corsair	186
context-transli...	Transliterate text from ‘other’ alphabets	Gesang	226
context-typearea	Something like Koma-Script typearea	Münster	357



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	439
context-URWGara...	ConTeXt support for URW Garamond font	Münster	357
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	258
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	335
context-visualc...	Visual display of ConTeXt counters	Mahajan	334
context	The ConTeXt macro package	Hagen	243
continue	Prints ‘continuation’ marks on pages of multipage documents	Wilson, Robertson	540
contour	Print a coloured contour around text	Harders, Høgholm	248
contracard	Generate calling cards for dances	Whited	535
conv-xkv	Create new key-value syntax	Story	462
convbkmk	Correct platex/uplatex bookmarks in PDF created with hyperref	Tanaka	477
convert	Generate Knuthian encoding for text files	Raichle	402
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	520
cooking	Typeset recipes	Reichert	406
cookingsymbols	Symbols for recipes	Harder	247
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	228
cool	COnTent-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	442
coolfn	Typeset long legal footnotes	Granet	235
coollist	Manipulate COnTent Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	442
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	442
cooltbms	Reference items in a theorem environment	Fütterer, Zachhuber	223
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	381
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	544
cooperhewitt	LaTeX, pdfLaTeX, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X support for the Cooper Hewitt family of sans serif fonts	Tennent	481
coordsys	Draw cartesian coordinate systems	Hansen	245
copac-clean	Automatic editing of Copac/BibTeX records	Milanesi	346
coptic	Coptic Fonts	Rosmorduc	419
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	401
copypaste	Copy and paste into and across documents	Lourenço de Lima	319
copyrightbox	Provide copyright notices for images in a document	van der Flaas	216
corelfonts	An installation script for Corel Ventura fonts	McClelland	341
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	494
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	540
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	481
correctmathalign	Correct spacing of the alignment in expressions	Kieda	283
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	393
corridx-latex	Correct index entries for chemical compounds	Fink	214
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	214
coseoul	Context sensitive outline elements	Teubner	484
couleurs-fr	French version of colour definitions from xcolor	Pierquet	391
countito	Make use of count1 to count9	Schröder, Peischl	437
counterz	Additional tools for counters	McClain	341
countriesofeuropa	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	554
counttexruns	Count compilations of a document	Schneider	435
courier scaled	Provides a scaled Courier font	Schulz	438
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	266
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	347
courseoutline	Prepare university course outlines	Gall	224
coursepaper	Prepare university course papers	Gall	224
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	300



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
covfonts	Make Apostrophic Laboratories's Covington fonts available to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Pakin	381
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	456
cprog	Typeset C programs	McManus	343
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	216
cprotectinside	Use cprotect arbitrarily nested	user202729	511
cpssp	Draw protein secondary structures	Skala	451
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	301
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	530
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	553
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	281
create-struktex	Create struktex code	Lenser	316
create-theorem	Initializing and configuring theorem-like environments, with multi-lingual support	XU	544
creationboites	Macros to create simple tcolorbox with some customizations	Pierquet	391
crefthe	Cross referencing with proper definite articles	XU	544
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	555
crop	Support for cropmarks	Franz, Thomas	220
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	501
cropmark	Crop marks on \shipout	Eijkhout	203
cropmarks-pt	Philip Taylor's cropmarks macros	Taylor	478
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	478
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	199
crossreference	Crossreferences within documents	Filby	213
crossreftools	Expandable extraction of cleveref data	Hupfer	264
crossrefware	Scripts for working with crossref.org	Veytsman	516
crosstex	Bibliography management tool	Burgess, Sirer	166
crossword	Typeset crossword puzzles	Neugebauer	361
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	280
crudetype	Line printer output from DVI files	Damerell	189
crumbs	Add a Navigation Path to the page header	Bugayenko	164
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	307
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	349
cryst	Font for graphical symbols used in crystallography	Müller	355
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	142
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	368
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	377
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	368
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	395
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	554
csname-doc	A list of plain.tex cs names	Unknown	503
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	378
cspsfonts	Czech/Slovakian PostScript font support	Olšák, Wagner	378
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	184
csquotes	Context sensitive quotation facilities	Lehman, Wright	314
css-colors	Named colors for web-safe design	Buxbaum	168
CSTeX	Support for Czech/Slovak languages	Olšák	378

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cstypo	Czech typography rules enforced through LuaTeX hooks	Haisman	243
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	357
csvmerge	Merge T <sub>E</sub> X code with csv data	Taylor	478
csvsimple	Simple CSV file processing	Sturm	466
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	393
csvtools	Reading data from CSV files	Talbot	472
csx	Computer Sanskrit(/Extended) coding support on MS-DOS	Wujastyk, Friedlander	543
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	191
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	488
ctan-bibdata	Bibliography data for all CTAN packages	Voß	522
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	361
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	155
ctanbib	Export CTAN entries to bib format	Hoftich	259
ctanify	Prepare a package for upload to CTAN	Pakin	382
CTAN tools	A jiffy to search CTAN file list	Huynh	265
ctanupload	Support for users uploading to CTAN	Scharrer	428
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	543
ctex	L <sup>A</sup> T <sub>E</sub> X classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	313
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2e	Corff	185
ctie	C version of tie (merging Web change files)	Gilbey	228
cuisine	Typeset recipes	Cohen	183
culmus	Hebrew fonts from the Culmus project	Fogiel	218
cun	A cuneiform font	Grant	236
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	418
currency	Format currencies in a consistent way	Lejay	315
currfile	Provide file name and path of input files	Scharrer	428
curriculum-vitae	Lightweight class for CVs	Prasad	397
currvita	Typeset a curriculum vitae	Reichert	406
curso-latex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	169
cursor	Draw a cursor in an equation	Spit	455
CurVe	A class for making curriculum vitae	Verna	515
curve2e	Extensions for package pict2e	Beccari	145
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	MacLaine-Cross	333
custom-bib	Customised BibT <sub>E</sub> X styles	Daly	189
customdice	Simple commands for drawing customisable dice	Rowlett	422
cuted	Mixing onecolumn and twocolumn modes	Tolušis	495
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	539
cv	A package for creating a curriculum vitae	Maier	335
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	234
cvss	Compute and display CVSS base scores	Vivegnis	520
CVsty	Yet another style for easy CV pagination	Pereira	389
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	436
cweb	A Web system in C	Knuth, Scherer, Levy	295
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	430
cweb-hy	Insert hyperlinks for included files	Melendez	344
cwebx	A system for Structured Software Documentation in C	van Leeuwen	314
cyber	Annotate compliance with cybersecurity requirements	Jennings	272
cybercic	“Controls in Contents” for the cyber package	Jennings	272
cyklop	The Cyclop typeface	Nowacki	368
cyriot	A script which was used on Cyprus for writing Greek	Wilson	537
cyriote	A font for ancient Cypriot Greek inscriptions	Stanier	458

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cyrguide	Documentation of L <sup>A</sup> T <sub>E</sub> X Cyrillic-alphabet features	Volovich, Lemberg, L <sup>A</sup> T <sub>E</sub> X Team	522
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	277
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	147
cyr tug	EmTeX as distributed by CyrTUG	Goossens	233
czhyph	Hyphenation patterns for Czech	Unknown	503
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	316
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	246
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	458
dante-book-reviews	Book reviews published in DANTE’s journal	Faulhammer	211
dantelogo	A font for DANTE’s logo	Voß, Höppner	526
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	191
dashbox	Draw dashed boxes	Thomas	493
dashrule	Draw dashed rules	Pakin	382
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	350
dateref	Manage references to experimental data	Dietrich	194
datatool	Tools to load and manipulate data	Talbot	472
datatooltk	A Java GUI for preparing datatool input	Talbot	472
datax	Import individual data from script files	Gustavsson	242
dateiliste	Extensions of the \listfiles concept	Ebermann	201
datenumbr	Convert a date into a number and vice versa	Schröder	437
datepicker-pro	Create a popup datepicker using SWF	Story	463
dates	Macros for parsing date strings	Bennett	150
dates209	Flexible date macros	Clark	181
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	503
datetime	Change format of \today with commands for current time	Talbot	472
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	472
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	476
datetime2-breton	Breton language module for the datetime2 package	Talbot	472
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	472
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	472
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	477
datetime2-czech	Czech language module for the datetime2 package	Talbot	472
datetime2-danish	Danish language module for the datetime2 package	Talbot	472
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	472
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	472
datetime2-english	English language module for the datetime2 package	Talbot	473
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	473
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	473
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	512
datetime2-french	French language module for the datetime2 package	Talbot, Patience	477
datetime2-galician	Galician language module for the datetime2 package	Talbot	473
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	476
datetime2-greek	Greek language module for the datetime2 package	Talbot	473
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	473
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	473
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	473
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	199
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	476
datetime2-latin	Latin language module for the datetime2 package	Talbot	473
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	473
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	473
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	473
datetime2-polish	Polish language module for the datetime2 package	Talbot	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	473
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	477
datetime2-russian	Russian language module for the datetime2 package	Talbot	473
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	473
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	473
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	477
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	473
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	474
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	474
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	474
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	474
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	477
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	474
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	474
datetime2	Formats for dates, times and time zones	Talbot	472
dayofweek	Calculate day of week, phase of moon	Minow	348
DayRoman	The Day Roman typeface	Schmidt, Harcombe	432
daytime	Print time of day	Orlandini, Greenwade	379
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	384
dblfloatfix	Fixes for twocolumn floats	Høgholm	260
dblfnote	Double-column footnotes	Nakashima	360
dblfont	Blackboard bold font package	Bosisio	157
DB_process	Process database output	Eijkhout	203
dbshow	A package to store and display data with custom filters, orders, and styles	Li	317
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	140
dco	Use the DC fonts with old-style numerals	Kirsch	286
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
dcounter	Support dynamic counters	Rozhenko	422
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	400
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	333
de-macro	Expand private macros in a document	Gács	223
debate	Debates between reviewers	Bugayenko	164
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	471
decision-table	An easy way to create Decision Model and Notation decision tables	Vandeveldt, Pantigny	512
declare	Declare register names locally	Pittman, Burleson	395
decorule	Decorative swelled rule using font character	Flynn	217
decsci	BibTeX style for the journal Decision Sciences	Rubin	424
dectab	Align columns on a decimal point	Franklin	220
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	272
deflist	A variation on the description environment	Unknown	503
defoldfonts	Define old font commands	Kohm	296
defstring	Define macros as verbatim macros	Unknown	503
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	357
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	316
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	316
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	522
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	210
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
deleq	Flexible numbering of equations	Dahlgren	188
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	531
delim	Simplify typesetting mathematical delimiters	Majewsky	335
delimseasy	Delimiter commands that are easy to use and resize	Graham	234
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	148

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
delimtxt	Read and parse text tables	Pedersen	388
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	222
denisbdoc	A personal dirty package for documenting packages	Bitouzé	153
deproc	Macros for DECUS proceedings articles	Beeton	147
derivative	Nice and easy derivatives	Jensen	272
desclist	Extended “description” lists	Rozhenko	422
designcon	Develop DesignCon papers	Pupalaikis	399
detex	Strip T <sub>E</sub> X from a source file	Trinkle	497
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	241
devanagari-omega	Typeset Devanagari with Omega	Unknown	503
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	529
development	BibTeX style file for the journal Development	Eglen	203
dfgproposal	Support for writing proposals to the DFG	Kohlhase	295
dhua	German abbreviations using thin space	Lück	327
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	240
diadia	Package to keep a diabetes diary	Kleber	287
diagbox	Table heads with diagonal lines	Liu	320
diagmac	A diagram drawing package	Reynolds	408
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	484
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	185
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	227
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	486
diagxy	Diagram macros by Michael Barr	Barr	141
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	196
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	468
dice	A font for die faces	Heim	251
dichokey	Construct dichotomous identification keys	Dam	189
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	474
dictsym	DictSym font and macro package	Schmidt, Harcombe	432
diffcoeff	Write differential coefficients easily and consistently	Parsloe	386
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConT <sub>E</sub> Xt etc.	Stoffel	461
digicap-pro	Creates captions to digital photos	Story	463
digiconfigs	Writing “configurations”	Madsen	333
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	479
dimnum	Commands for dimensionless numbers	Clemente	182
din1505	Bibliography styles for German texts	Lorenzen, Baumann	325
dinat	Bibliography style for German texts	Baumann	143
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	168
dinbrief	German letter DIN style	Braune, Gussmann	160
dingbat	Two dingbat symbol fonts	Henderson, Pakin	253
directory	An address book using BibTeX	Geuzaine	226
directtex	TeX for the Macintosh	Ricken	409
dirtree	Display trees in the style of windows explorer	Charpentier	176
dirtytalk	A package to typeset quotations easier	Klammler	286
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	302
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	500
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	336
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	516
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	551
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	274
dkhyphen	Danish hyphenation patterns	Jensen	272
dktools	Tools and libraries by Dirk Krause	Krause	301
dlfltxb	Macros related to “Introduktion til L <sup>A</sup> T <sub>E</sub> X”	Madsen	333
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	467



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	503
dnaseq	Format DNA base sequences	Pedersen	388
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	256
doafter	Do things after a group	Wooding	541
doc-pictex	A summary list of PicTeX documentation	Lück	327
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
docarc	Multi-user distributed bibliographic database system	Kieling	284
docassembly	Use the Acrobat JavaScript API	Story	463
docbytex	Creating documentation from source code	Olšák	378
doclicense	Support for putting documents under a license	Schneider	435
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	413
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	497
docshots	TeX samples next to their PDF Snapshots	Bugayenko	164
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	200
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	397
documentation	Documentation support for C, Java and assembler code	Morales	352
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	347
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	516
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	453
doipubmed	Special commands for use in bibliographies	Talbot	474
domitian	Drop-in replacement for Palatino	Miller	347
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	431
dosepsbin	Deal with DOS binary EPS files	Oberdiek	370
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	211
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	211
dotarrow	Extendable dotted arrows	Schneider	435
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	321
dotlessj	Generates a dot-less j	Carlisle	170
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	134
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	300
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	503
doubleSPACE	Double space environment	Page	381
doublestroke	Typeset mathematical double stroke symbols	Kummer	306
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	503
dow	Calculate day of week from a numeric date	Unknown	504
dowith	Apply a command to a list of items	Lück	327
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	449
dox	Extend the doc package	Verna	515
dozenal	Typeset documents using base twelve numbering (also called "dozenal")	Goodman	232
DPcircling	Decorated text boxes using TikZ	Mitsuaki	349
dpfloat	Support for double-page floats	Fox	219
dprogress	LaTeX-relevant log information for debugging	Amberg	132
dps	Create a "matching" game with a hidden message	Story	463
drac	Declare active character substitution, robustly	Henel, Noirel	254
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	139
draftcopy	Identify draft copies	Vollmer	521
draftfigure	Replace figures with a white box and additional features	Bossert	158
drafterhead	Mark "DRAFT" in page headers	Page	381
draftmark	Put draft marks on selected pages	Musa	358
draftwatermark	Put a grey textual watermark on document pages	Callegari	168
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	468
dramatist	Typeset dramas, both in verse and in prose	Dominici	195
dratex	General drawing macros	Gurari	242



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Drawing-with-Me...	How to draw technical diagrams with MetaPost	Thurston	493
drawing	Simple drawings with Metafont	Wagner	528
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	389
drawstack	Draw execution stacks	Moy	354
drcaps	Simple dropped capitals	Shipunov	447
drftcite	Print the bibliography in "draft" mode	Arseneau	134
drm	A complete family of fonts written in Metafont	Goodman	232
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	352
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	425
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	169
dropcaps	Use dropped capitals to start a paragraph	Lauwers	312
dropping	Drop first letter of paragraphs	Dahlgren	188
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	194
drv	Derivation trees with MetaPost	Méhats	344
dspticks	Macros for Digital Signal Processing plots	Prandoni	397
DSSerif	A double-struck serifed font for mathematical use	Sharpe	443
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	362
dtk-bibliography	Bibliography of "Die T <sub>E</sub> Xnische Komödie"	Ziegenhagen	554
dtk	Document class for the journal of DANTE	Voß, Niepraschk	527
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	495
dtxdescribe	Describe additional object types in dtx source files	Dunn	200
DTX gallery	A small collection of minimal DTX examples	Robertson	411
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	191
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	382
ducksay	Draw ASCII art of animals saying a specified message	Spratte	456
duckuments	Create duckified dummy content	Spratte	456
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	274
duerer	Computer Duerer fonts	Hoenig	258
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	248
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	393
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	443
dvdcoll	A class for typesetting DVD archives	Kleber	287
dvgloss	Facilities for setting interlinear glossed text	Velleman	514
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	495
dvgtk	Tektronix 401x DVI previewer	Cholewo	180
dvi-economic	Save paper while printing	Verhoeven	515
dvi2bitmap	Utility to convert T <sub>E</sub> X DVI files directly to bitmaps	Gray	236
dvi2ln3	LN03 driver based on DVItyp	Rose	418
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	319
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	362
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	180
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	442
dvibook	Utilities for manipulating DVI files	Duggan	199
dvichk	List the page numbers in a DVI file	Esken	207
dviconcat	Concatenates DVI files	Unknown	504
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	161
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, T <sub>E</sub> XLive	417
dvii	Extract information from a DVI file	Lewenberg	317
dviincl	Include a DVI page into MetaPost output	BOP	155
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	546
dviljk	DVI to Laserjet output	Berry, Schrod, T <sub>E</sub> XLive	151
dvimerge	Merge two DVI files together	Rahtz	401
dviout	TeX previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	496
dvipaste	DVI manipulation	MacKay, Spivak	333

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvipdfm	A DVI driver to produce PDF directly	Wicks	535
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> T <sub>E</sub> X Team	180
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, T <sub>E</sub> XLive	180
dvipng	A fast DVI to PNG/GIF converter	Larsson	310
dvips-os2	OS/2 dvips	Kim	285
dvips-shell	A dvips Shell for MS-Windows32	Unknown	504
dvips	A DVI to PostScript driver	Rokicki, T <sub>E</sub> XLive	417
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	370
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	304
dvipsk	Convert DVI to PostScript	Rokicki, Berry	417
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> T <sub>E</sub> X tabular/colortbl environment	Senju	442
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	499
dvisun	DVI viewer for Sun2 systems	Hutchinson	265
dvisvgm-def	Colour and Graphics support for dvisvgm	L <sup>A</sup> T <sub>E</sub> X Team	488
dvisvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	227
DVItoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	280
dvitops	A DVI driver for PostScript output	Clark	182
dvitty	A plain-text output DVI driver	Lindahl	319
dvitype	Type out the content of a DVI file	Knuth	293
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	275
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	442
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> T <sub>E</sub> X through “symbolic links”	Pieters	392
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	212
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	182
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	342
dyntree	Construct Dynkin tree diagrams	Setzer	442
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	225
ean	Macros for making EAN barcodes	Olšák	378
ean13isbn	Print EAN13 for ISBN	Wagner	529
easing	easing functions for pgfmath	Loh	320
easy-todo	To-do notes in a document	Rada-Vilela	400
easy	A collection of easy-to-use macros	Bertolazzi	151
easybib	Simple syntax for custom bibliographies	Bertolazzi	151
easybmat	Block matrices	Bertolazzi	151
easybook	Easily typesetting Chinese theses or books	Yi	549
easyeqn	A simple package for writing equations	Bertolazzi	151
easyfig	Simplifying the use of common figures	Scharrer	428
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	555
easyformat	Easily add boldface, italics and smallcaps	Provoost	398
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	442
easylist	Lists using a single active character	Isambert, Robbers	267
easyamat	A simple package for writing matrices	Bertolazzi	151
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	339
easytable	A simple package for writing tables	Bertolazzi	151
easyvector	Write vectors in a C-like fashion	Bertolazzi	151
ebezier	Device independent picture environment enhancement	Bachmaier	138
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	405

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	481
ebib	BibTeX database manager for GNU Emacs	Kremers	301
ebnf	Simple package for EBNF productions	Cugley	187
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	140
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	459
ebproof	Formal proofs in the style of sequent calculus	Beffara	148
ebsthesis	Typesetting theses for economics	Baecker	138
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	478
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	292
ecards	Electronic flash cards	Story	463
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	432
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	145
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	427
ec1tree	Trees using epic and eepic macros	Isozaki	267
eco	Oldstyle numerals using EC fonts	Kirsch	286
ecobiblatex	Global Ecology and Biogeography BibL <sup>A</sup> T <sub>E</sub> X styles for the Biber back-end	Balak	139
econ-bst	BibTeX style for economics papers	Takeda	472
econlipsum	Generate sentences from economic articles	Coleman	183
Econometrica	BibTeX support for Econometrica	Border, Horny	157
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	299
economic	BibTeX support for submitting to Economics journals	Henningsen, Wigle	255
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	415
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	389
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	242
eczar	A font family supporting Devanagari and Latin script	Unknown	504
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	295
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	270
edfnates	Critical annotations to footnotes with ednotes	Lück	327
edichokey	Typeset dichotomous identification keys	Yang	546
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	225
edmac	Typeset critical editions	Lavagnino, Wujastyk	312
edmargin	Multiple series of endnotes for critical editions	Burt	167
ednotes	Typeset scholarly editions	Lück	327
eehyph	Hyphenation patterns for the Estonian language	Saar	425
eemeir	Adjust the gender of words in a document	Hansen	245
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	307
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	335
eforms	eForm support for the AcroTeX bundle	Story	463
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	409
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	380
egothic	Early Gothic manuscript book-hand font	Wilson	537
egpeirce	Draw existential graphs invented by Charles S. Peirce	Nikulainen	366
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	398
ehhline	Extend the \hhline command	Paciorek	380
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	356
eiad	Traditional style Irish fonts	Derzhanski	193
eijkhout	Victor Eijkhout's packages	Eijkhout	203
einfart	Write your articles in a simple and clear way	XU	544
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	522
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	522
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	366
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafai	425

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	266
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	130
EkType-Tanka	Devanagari fonts by EkType	Unknown	504
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	310
electrumadf	Electrum ADF fonts collection	Rees	405
eledform	Define textual variants	Rouquette	421
eledmac	Typeset scholarly editions	Rouquette	421
eledpar	Typeset scholarly editions in parallel texts	Rouquette	421
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	192
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	192
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	192
elements	Provides properties of chemical elements	Niederberger	364
elhyphen	Hyphenation for Greek text	Filippou	214
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	315
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	256
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	471
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	170
elpres	A simple class for electronic presentations	Kiefel	283
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	401
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	401
elteiktdk	TDK-thesis template for Hungarian TDK conferences, Section of Computer Science	Cserép	187
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	187
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	223
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	160
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	550
emarks	Named mark registers with e-TeX	Chervet	178
embedall	Embed source files into the generated PDF	Sartori, Lichti	426
embedfile	Embed files into PDF	Oberdiek	370
embrac	Upright brackets in emphasised text	Niederberger	364
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	415
emf	Support for the EMF symbol	Jørgensen	274
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	449
emo	Emoji for all (L <sup>A</sup> T <sub>E</sub> X engines)	Grimm	240
emoji	Emoji support in (Lua)LaTeX	Zeng	552
emojicite	Add emojis to citations	Sixt	451
emp	"Encapsulate" MetaPost figures in a document	Ohl	377
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	261
emptypage	Make empty pages really empty	Wette	534
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	339
emtexgi	A MS-Windows shell for emTeX	Cottrell	186
emtrees	Draw labelled trees, using emTeX \specials	Boegeholz	155
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	520
encguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font encodings	L <sup>A</sup> T <sub>E</sub> X Team, Lemberg	491
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	378
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	529
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	231
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	167
endiagram	Easy creation of potential energy curve diagrams	Niederberger	364
endnote	Generic "endnotes" code	Unknown	504
EndNote2bib	Convert EndNote files to BibTeX	Mathar	338

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	463
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	225
endnotesj	Japanese-style endnotes	Yamashita	545
endofproofwd	An “end of proof” sign	Jensen	272
engord	Converts numbers to English ordinal numbers	Oberdiek	370
engpron	Helps to type the pronunciation of English words	Henel	254
engrec	Enumerate with lower- or uppercase Greek letters	Henel	254
engtlc	Support for users in Telecommunications Engineering	Fiandrino	212
engwar	Font for typesetting Tolkien Engwar script	Urban	510
enigma	Encrypt documents with a three rotor Enigma	Gesang	226
enotez	Support for end-notes	Niederberger	364
enparen	Consistent nested brackets	Oberdiek	370
enpassant	Enpassant chess font support	Fischer	215
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
enumitem-zref	Extended references to items for enumitem package	Chervet	178
enumitem	Control layout of itemize, enumerate, description	Bezos López	321
enumspec	Enumerate with extra leading character for labels	Greenwade	238
envelop	Printing addresses on envelopes	Manda, Sherman	336
envelope	Print envelopes	Sherman	446
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	411
envelop	Addresses on envelopes or mailing labels	Veytsman	516
envmath	Maths commands and environments	Bosio	157
eolang	Formulas and graphs for the EO programming language	Bugayenko	165
eolgrab	Catch arguments delimited by end of line	Oberdiek	370
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	395
Epigrafica	A Greek and Latin font	Tsolomitis	497
epigram	Display short quotations	Hosek	262
epigraph-keys	Epigraphs using key values	McKay	342
epigraph	A package for typesetting epigraphs	Robertson, Wilson	413
epi olmec	Typesetting the Epi-Olmec Language	Syropoulos	469
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	265
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	151
epmtfe	TeX environment for OS/2	Schmidt	431
epstein-trees	Macros for producing trees	Eppstein	206
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	270
epsdice	A scalable dice “font”	Heim	251
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	276
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	417
epsfig	Include Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X documents	Rahtz, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	402
epsfig209	Obsolete graphics inclusion macros	Whaite	534
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	321
epsfx	A T <sub>E</sub> X macro package for including EPS graphics	BOP	155
epsincl	Include EPS in MetaPost figures	BOP	155
epslatex	Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X	Reckdahl	405
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	302
epspdf-setup	epspdf with GUI installer	Kroonenberg	302
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	302
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	146
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	309
epstopdf-pkg	Call epstopdf “on the fly”	Oberdiek	370
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	535



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	463
eq-pin2corr	Add PIN security to the “Correct” button of a quiz created by exerquiz	Story	463
eq-save	Save exerquiz quizzes and resume	Story	463
eq2db	Convert a quiz to one submitted to a server-side script	Story	463
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	213
eqexam	A stand-alone exam package	Story	463
eqexpl	Align explanations for formulas	Morenko	353
eqlist	Description lists with equal indentation	Väth	513
eqmark	Generalise facilities for marking equation arrays	Nitschke	367
Eqmlite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	346
eqnalign	Make eqnarray behave like align	Hejda	251
eqname	Name tags for equations	Neugebauer	361
eqnarray	More generalised equation arrays with numbering	Winkler	540
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	273
eqnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	229
eqparbox	Create equal-widthed parboxes	Pakin	382
equationauthor	Visual equation editor	Manhiça	336
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	516
erewhon-math	Utopia based OpenType Math font	Flipo	216
erewhon	Font package derived from Heuristica and Utopia	Sharpe	443
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	296
erw-13	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	416
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	345
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	250
esdiff	Simplify typesetting of derivatives	Saudrais	426
esieecv	Curriculum vitae for French use	Bayart	143
esindex	Typset index entries in Spanish documents	Bezos López	322
esint-type1	Font esint10 in Type 1 format	Nikunen	366
esint	Extended set of integrals for Computer Modern	Saudrais	427
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	279
eskd	Modern Russian typesetting	Fyodorov	223
eskdX	Modern Russian typesetting	Korikov	300
eslides	An option for article style to make slides	Denk	192
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	365
esperant	Style option for writing Esperanto texts	Knappen	290
espo	Customisation for Esperanto	Unknown	504
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	407
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	443
estcpmm	Style for Munitions Management Project Reports	Veytsman	517
esvect	Vector arrows	Saudrais	427
et	TeX-compatible editor	Collins	184
etaremun	Reverse-counting enumerate environment	Adriaens	128
ETbb	An expansion of Edward Tufte’s ET-Bembo family	Sharpe	444
etdipa	Simple, lightweight template for scientific documents	Laube	311
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	172
e-TeX	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	161
etexcnds	Avoid name clashes with e-TeX commands	Oberdiek	371
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	178
ethiop-t1	Type 1 versions of Amharic fonts	Rosenau	419
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	152
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	130
etl	Expandable token list operations	Spratte	456

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
etoc	Completely customisable TOCs	Burnol	166
etoolbox-de	German translation of documentation of etoolbox	Enderling	205
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	314
etruscan	Fonts for the Etruscan script	Wilson	537
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	191
euclideangeometry	Draw geometrical constructions	Beccari	145
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	412
euflag	A command to reproduce the flag of the European Union	Flynn	217
eukdate	UK format dates, with weekday	Moschou	353
eukleides	A geometry drawing system	Obrecht	376
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	216
euler	Use AMS Euler fonts for math	Jensen	272
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	380
eulervm	Euler virtual math fonts	Schmidt, Harcombe	432
euproposal	A class for preparing FP7 proposals	Kohlhase	296
euro-ce	Euro and CE sign font	de Wijn	536
euro	Provide Euro values for national currency amounts	Franz	220
eurofont	Provides a command that prints a euro symbol	McDonnell	342
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	431
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	341
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	520
europs	Access to Adobe's Euro currency symbol fonts	Clausen	182
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	432
eurosym	Metafont and macros for Euro sign	Theiling	492
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	128
euxunicode	Generate Unicode characters from accented glyphs	Robertson	411
Evangelion-JFM	A Japanese font metric supporting many advanced features	Huang	264
evautofl	Pages with cut lines and punch marks	Vicentini	518
evenpage	Ensure that the total number of pages is even	Bosisio	157
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	176
everypage	Provide hooks to be run on every page of a document	Callegari	169
everysel	Provides hooks into \selectfont	Schröder, Peischl	437
everyshi	Take action at every \shipout	Schröder, Peischl	437
evweek	Weekly calendar	Vicentini	519
exam-lite	Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X	Kukovec	305
exam-n	Exam class, focused on collaborative authoring	Gray	237
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	162
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	242
exam	Package for typesetting exam scripts	Hirschhorn	257
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	238
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	130
example	Typeset examples for T <sub>E</sub> X courses	Schrod	436
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	471
exams	Typeset exam questions	van der Meer	344
examz	Randomized exams with multiple versions	McClain	341
excalibur	Macintosh spell checker	Zaccone	549
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	336
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	195
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	330
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	390
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	465
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	281
exercises	Typeset exercises and solutions with automatic addition of points	Jud	275
exerquiz	Environments for defining exercises and quizzes	Story	463

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
exesheet	Typesetting exercise or exam sheets	Missier	348
exframe	Framework for exercise problems	Beisert	148
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	201
expdlist	Expanded description environments	Hülse, Kaspar	264
expex-acro	Wrapper for the expex package	Matter	339
expex-glossonly	Help gb4e and linguex users use the ExPex glossing macros	Munn	356
expex	Linguistic examples and glosses, with reference capabilities	Frampton	219
expkv-bundle	An expandable key=val implementation and friends	Spratte	456
expkv-cs	Define expandable key=val macros using expkv	Spratte	456
expkv-def	A key-defining frontend for expkv	Spratte	457
expkv-opt	Parse class and package options with expkv	Spratte	457
expkv	An expandable key=val implementation	Spratte	456
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	488
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	198
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	254
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	537
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	350
exsheets	Create exercise sheets and exams	Niederberger	364
exsol	Exercises and solutions from the same source, into a book	Daems	188
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	265
extdash	A range of dash commands for compound words	Rozhenko	423
exteps	Include EPS figures in MetaPost	Jørgensen	274
extpfeil	Extensible arrows in mathematics	Ebermann	201
extract	Extract parts of a document and write to another document	Adriaens	129
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	263
extradefs	A miscellany of support macros	McPherson	343
extsizes	Extend the standard classes' size options	Kilfiger, May	284
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	542
facsimile	Document class for preparing faxes	Bronger	162
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	550
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	440
facture	Generate an invoice	Rouquette, Gombin, Deparis	421
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	281
fail-fast	Turn warnings into errors	Bugayenko	165
fakebold	A simple macro for faking bold fonts	Unknown	504
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	201
faltblat	Making Leaflets	Klöckl	290
familytree	Draw family trees	Senju	442
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	176
fancybox	Variants of \fbox and other games with boxes	Van Zandt	550
fancy chapters	Chapters with quotations	Heitkoetter	251
fancyfolien	Fancyhdr outline for German readers	Steffani	459
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	221
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	129
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	378
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	131
fancyheadings	Legacy headings package	van Oostrum	379
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	448
fancynum	Typeset numbers	Green	237
fancypar	Decoration of individual paragraphs	Medina Arellano	133
fancyqr	Fancy QR-Codes with TikZ	Sihler	449

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	406
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	330
fancytabs	Fancy page border tabs	Pinson	394
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	336
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	551
fandol	Four basic fonts for Chinese typesetting	Ma	333
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	403
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	337
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	290
fascicules	Create mathematical manuals for schools	Moritz	353
fast-diagram	Easy generation of FAST diagrams	Allais	131
fastpictex	Simple specification of PicTeX diagrams	Stauss	459
fax	Document class for preparing faxes	Rhebergen, de Jonge	408
fbb	A free Bembo-like font	Sharpe	444
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	194
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	523
fbs	BibTeX style for Frontiers in Bioscience	Suckale	467
fc-arith	Create an arithmetic flash card	Story	463
fc	Fonts for African languages	Knappen	290
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	275
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	435
fcltxdoc	Macros for use in the author's documentation	Chervet	178
fcolumm	Typesetting financial tables	Olthof	378
fdsymbol	A maths symbol font	Ummels	501
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	552
featpost	MetaPost macros for 3D	Gonçalves	231
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	345
FenetreCas	Commands for CAS-like windows (Xcas or Geogebra) in TikZ	Pierquet	391
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	410
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	198
fetamont	Extended version of Knuth's logo typeface	Romer	417
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	463
fetchcls	Fetch the current class name	Giannotti	227
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	207
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	349
feyn	A font for in-text Feynman diagrams	Gray	237
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	317
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	377
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	238
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	165
ffslides	Freeform slides based on the article class	Wolters	541
fge	A font for Frege's Grundgesetze der Arithmetik	Green	237
fgruler	Draw rulers on the foreground or in the text	Tómacs	496
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	277
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	368
fibnum	Generate Fibonacci numbers	Oberdiek	371
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	327
fifinddo	Filtering files using T <sub>E</sub> X	Lück	327
fifo-stack	FIFO and stack implementation for package writers	Gaito	223
fig2eng	Convert fig files to English	Tobin	495
fig2lat	Convert .fig files to vector graphics	Krause	301
fig2mf	Convert fig output to Metafont	Starks	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fig2mfpic	Convert fig output to mfpic	Tobin	495
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	417
fig2vect	Yet another Fig to vector converter	Krause	301
fig4latex	Management of figures for large L <sup>A</sup> T <sub>E</sub> X documents	Fields	213
figbas	Mini-fonts for figured-bass notation in music	Tennent	481
FigBib	Organize figure databases with BibT <sub>E</sub> X	Poland	396
figcaps	Collect figure captions for later printing	Daly	189
figchild	Pictures for creating children's activities	de Souza Bastos	455
figflow	Flow text around a figure	Hutchinson	265
figfrag	Convert xfig figures with embedded L <sup>A</sup> T <sub>E</sub> X commands to EPS	Ditzel	195
figplace	Floating figures in Plain T <sub>E</sub> X	Zalmstra	550
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	209
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	230
FigSize	Auto-size graphics	Tanbakuchi	477
fihyph	Hyphenation patterns for Finnish language	Hellgren	252
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	382
filecontentsdef	filecontents + macro + verbatim	Burnol	166
filedate	Access and compare info and modification dates	Lück	327
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	349
filehdr	Self-descriptions in file headers	Beebe	147
filehook	Hooks for input files	Scharrer	428
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	327
filemod	Provide file modification times, and compare them	Scharrer	428
fillform	Typeset answers to overprint on printed forms	Wagner	529
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	361
findhyph	Find hyphenated words in a document	Budaj	164
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	515
Finomaton	Comfortably draw and typeset finite state machines	Triska	497
finplain	A Finnish version of plain.bst	Kaijanaho	276
finstrut	Adjust behaviour of the ends of footnotes	Lück	327
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
firamath-otf	Use OpenType math font Fira Math	Voß	523
firamath	Fira sans serif font with Unicode math support	Zeng	552
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	206
first-latex-doc	A document for absolute L <sup>A</sup> T <sub>E</sub> X beginners	Hefferon, Pégourié-Gonnard, Berry	250
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	250
firstline	Print the first line of a paragraph in a different font	Fox	219
firststeps-xampl	Examples from "First steps in L <sup>A</sup> T <sub>E</sub> X"	Grätzer	236
fistrum	Access to 150 paragraphs of Lorem Fistrum very dummy text	Davó	190
fitbox	Fit graphics on a page	Veytsman	517
fitch	L <sup>A</sup> T <sub>E</sub> X macros for Fitch-style natural deduction	Zach	549
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	368
FitR	Set a rectangular destination and jump to it	Story	463
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	434
fix2col	Fix miscellaneous two column mode features	Carlisle	170
fixbbl	Patch bibliographies inappropriately broken by BibT <sub>E</sub> X	Stajano	458
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	238
fixdif	Macros for typesetting differential operators	Zhang	552
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	208
fixjfm	Fix JFM (for *pT <sub>E</sub> X)	Zhang	553
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	520
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	145



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	432
FixMe	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	515
fixmetodonotes	Add notes on document development	Barabucci	140
fixocgx	Add support for dvips+ps2pdf, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, dvipdfmx to the ocgx package	Grahn	234
fixpdfmag	Fix magnification in pdfTeX	Bezos López	322
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	451
fjodor	A selection of layout styles	Filipović	213
flabels	Labels for files and folders	Börchers	156
flacards	Generate flashcards for printing	Stuhrmann	466
flagderiv	Flag style derivation package	van Tilburg	494
flags	Setting and clearing of flags in bit fields	Oberdiek	371
flashcard	Typeset flash cards	Kilfiger	284
flashcards	A class for typesetting flashcards	Budge, Vernon	164
flashmovie	Directly embed flash movies into PDF files	Hartmann	249
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	246
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	537
fldigal	Create a Flash slide show of digital photos	Story	463
flexipage	Flexible page geometry with marginalia	Vrba	528
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	260
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	164
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	169
float	Improved interface for floating objects	Lingnau	319
floatbytocbasic	An enhancement to package float using package tocbasic	Kohm	296
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	292
floatflt	Wrap text around floats	Dahlgren	188
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	402
floatpag	Different pagestyles on float pages	Statulevičius	459
floatrow	Modifying the layout of floats	Lapko	310
floatrowbytocbasic	An enhancement to package floatrow using package tocbasic	Kohm	296
flow	Draw flow diagrams in picture mode	Brown	163
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	415
flowfram	Create text frames for posters, brochures or magazines	Talbot	474
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	474
fltpage	Place caption on an adjacent page	Gross	240
fltpoint	Simple floating point arithmetic	Guthöhrlein	242
flushend	Balancing columns at last page	Tolušis	495
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	304
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	476
fn2end	Convert footnotes to endnotes	Border	156
fnbreak	Warn for split footnotes	Harders	247
fncychap	Seven predefined chapter heading styles	Lindgren	319
fncylab	Alter the format of \label references	Fairbairns, Carlisle	208
fnlineno	Number the lines of footnotes	Lück, Wette	329
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	504
fnpara-pln	Footnotes in paragraphs	Wujastyk	543
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	422
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	364
fnpos	Control the position of footnotes on the page	Nakashima	360
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	552
fntguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font commands	L <sup>A</sup> T <sub>E</sub> X Team	488
fntproof	A programmable font test pattern generator	Luecking	329
fnumprint	Print a number in 'appropriate' format	Schneider	435
foekfont	The title font of the Mads Føk magazine	Jørgensen	274
foilhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	517

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	243
folio	Use folio numbers to replace page numbers	Syrjänen	469
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	274
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	193
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	193
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	536
fontawesome	Font containing web-related icons	Danaux, Gandy	189
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	302
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	165
fontbl	A font sampler	Beeman, MacKay	147
fontbook	Generate a font book	Pinson	394
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	343
fontchart	A font sampler	Lemberg	316
fontinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezós López, Ruedas	325
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	488
fontinst	Help with installing fonts for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Hellström, Jeffrey, Rahtz, Vieth	252
fontinstallatio...	Font installation guide	Lehman	314
fontload	A partial font downloading utility	Malyshev	336
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	215
fontmizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	199
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	151
fontools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	389
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	278
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	302
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	278
fontsmpl	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	217
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	498
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	498
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	512
fontsmpl	Print a sample of a font	Jeffrey	271
fontspec	Advanced font selection in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Robertson, L <sup>A</sup> T <sub>E</sub> X Team	412
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	413
fontwrap	Bind fonts to specific unicode blocks	Kamermans	277
footbib	Bibliographic references as footnotes	Domenjoud	195
footmisc	A range of footnote options	Fairbairns, Mittelbach	209
footmiscx	A range of footnote options	Roucariès	420
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	541
footnotebackref	Back-references from footnotes	Lange	310
footnotehyper	hyperref aware footnote.sty	Burnol	166
footnoterange	References to ranges of footnotes	Münch	355
footnpag	Per-page numbering of footnotes	Schrod	436
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	437
foreign	Systematic treatment of 'foreign' words in documents	Ratcliffe	404
forest-quickstart	Quickstart Guide for Linguists package "forest"	Vanden Wyngaerd	543
forest	Drawing (linguistic) trees	Živanović	554
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	346
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	442
formal-grammar	Typeset formal grammars	Vassor	513
format	Format a counter as a fixed-point number	Karney	277
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	234
formlett	Letters to multiple recipients	Jiang	272
forms16be	Initialize form properties using big-endian encoding	Story	464
formula	Typesetting physical units	Tille	494

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
formular	Create forms containing field for manual entry	Wirth	540
fortran	Print Fortran programs	Toby	495
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
fotex	Process XSL-FO	Rahtz	401
fouridx	Left sub- and superscripts in maths mode	Karrmann	278
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	159
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	552
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	219
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	219
fp	Fixed point arithmetic	Mehlich	344
fpl	SC and OsF fonts for URW Palladio L	Stubner	466
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	396
fragmaster	Using psfrag with pdfL <sup>A</sup> T <sub>E</sub> X	Domingo, Vogel	195
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	170
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	551
framed	Framed or shaded regions that can break across pages	Arseneau	134
francais-bst	Bibliographies conforming to French typographic standards	Goulet	234
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	468
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	468
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	468
frcursive	French cursive hand fonts	Beffara	148
frederika2016	An OpenType Greek calligraphy font	Syropoulos	469
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	257
free-math-font-...	A survey of available free Mathematics fonts	Hartke	249
freetype	A full-featured font rasterizer library	Lemberg	316
frege	Typeset fregean Begriffsschrift	Pamp	384
french-translat...	French translation project	Bayart	143
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	225
frenchmath	Typesetting mathematics according to French rules	Missier	348
frenchpunct	Implement French-style spacing at punctuation	Roy	422
frenchpro	Professional typesetting of French documents	Gaulle	225
frenchquote	Make something like guillemets	Unknown	504
frhyph	French hyphenation patterns	Flipo	216
FriBidiXeT <sub>E</sub> X	A pre-processor for XeT <sub>E</sub> X files to support unicode bidirectional algorithm	Khalighi, bidi-tex GitHub Organisation	282
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	222
frimurer	Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	274
frletter	Typeset letters in the French style	Andronic	132
frontespizio	Create a frontispiece for Italian theses	Gregorio	238
froufrou	Fancy section separators	Lago	308
frpseudocode	French translation for the algorithmicx package	Irwin	266
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	479
ftcap	Allows \caption at the beginning of a table-environment	Steffani	460
ftetx	T <sub>E</sub> X support in FTE text editor	Zydowitz	555
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	493
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	282
fullblk	Left-blocking for letter class	Cloos Jr.	275
fullminipage	Minipage spanning a complete page	Schneider	434
fullpage	Set all page margins to 1.5cm	Daly	189
fullpict	Full page pictures	Shawyer	446
fullwidth	Adjust margins of text block	Daniel	190
functan	Macros for functional analysis and PDE theory	Lejay	315

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	332
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	361
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	361
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	361
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	361
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	361
fundus-startrek	‘Startrek’ fonts, and macros to support them	Neugebauer	362
fundus-sueterlin	Sütterlin	Neugebauer	362
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	362
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	362
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	361
funnelweb	A flexible, language-independent web system	Coates	182
futhark	Fonts for the Older Futhark script	deyAvemta	193
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	385
futurans	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Futura Fonts From Adobe As Used By No Starch Press	Veytsman	517
fvextra	Extensions and patches for fancyvrb	Poore	396
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	302
fwlw	Get first and last words of a page	Arseneau	134
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	317
gaceta	A class to typeset La Gaceta de la RSME	Varona	513
gahyph	Hyphenation patterns for the Irish language	Scannell	427
galois	Typeset Galois connections	Cousot	186
gamebook	Typeset gamebooks and other interactive novels	Miede	346
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	313
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	224
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	351
garamond-libre	The Garamond Libre font face	Miller, Tennent	348
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	553
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	444
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	415
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	225
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	280
gates	Support for writing modular and customisable code	Isambert, Robbers	267
gatherenum	A crossover of align* and enumerate	Rivaud	409
gauss	A package for Gaussian operations	Kauers	279
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	299
gbrief-creator	A front end for the gbrief package	Schinke	431
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	313
gcard	Arrange text on a sheet to fold into a greeting card	McBane	341
gchords	Typeset guitar chords	Peeters	388
gcite	Citations in a reader-friendly style	Atkinson, Phillips	137
gckanbun	Kanbun typesetting for (u)pL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	545
gelasio	L <sup>A</sup> T <sub>E</sub> X support for the Gelasio family of fonts	Tennent	481
GELLMU	LaTeX-like markup for writing XML documents	Hammond	245
gen	Genealogy symbols	Knuth	293
gender	Gender neutrality for languages with grammatical gender	Banhardt	140
gene-logic	Typeset logic formulae, etc	Neugebauer	362
genealogy	A compilation genealogy font	Roegel	415

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
genealogytree	Pedigree and genealogical tree diagrams	Sturm	466
genfam	Run Metafont to produce the bitmap fonts	Schrod	436
genindex	Alternative index series	Smith	452
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	326
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	432
gentabtex	Python helper for creating tables	Algaba	131
gentium-original	Gentium font and support files	Schmitz, Miklavec	434
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	151
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	214
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	196
gentombow	Generate Japanese-style crop marks	Yamashita	545
geometry-de	German documentation for the geometry package	Umeki	501
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	501
geomsty	Macros used in typesetting a geometry book	Levy	317
geophysics	Articles for the journal Geophysics	Gildea	228
georgian-stanier	A Georgian font	Stanier	458
georgian	Support for typesetting in Georgian	Shoshiashvili	447
geradwp	Document class for the Cahiers du GERAD series	Hamel	245
german	Support for German typography	Raichle	402
germbib	German variants of standard BibT <sub>E</sub> X styles	Harders	247
germdoc	A collection of documentation available in German	Unknown	504
germkorr	Change kerning for German quotation marks	Baumann	143
geschichtsfrkl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	550
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	441
getfiledate	Find the date of last modification of a file	Musa	358
getitems	Gathering items from a list-like environment	Hendrickson	253
getmap	Download OpenStreetMap maps for use in documents	Kleber	287
getoptk	Define macros with sophisticated options	Le Barbier Grünewald	240
getrefs	BibT <sub>E</sub> X style to sort by "journal" entries of references	Deutscher	193
getttitlestring	Clean up title references	Oberdiek	371
gfdl	Support for using GFDL in L <sup>A</sup> T <sub>E</sub> X	Unknown	504
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	533
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	498
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	498
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	499
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	499
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	498
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	498
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	498
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	499
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	498
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	499
GFS Solomos	A Greek-alphabet font	Tsolomitis	498
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
ghostscript	Freely available PostScript interpreter	Deutsch	193



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	364
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	517
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
gincldtex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	428
gindex	Formatting indexes	Bezos López	322
ginpenc	Modification of inputenc for German	Harders	247
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	354
gitfile-info	Get git metadata for a specific file	Hilbig	257
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	321
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	321
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	321
gitstatus	Include Git information in the document as watermark or via variables	Gruber	240
gitver	Get the current git hash of a project and typeset it in the document	Baynham	144
gkpmac	The macros used in "Concrete Mathematics"	Knuth	293
gl-tree	Linguistic trees with a preprocessor	Lee	312
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	241
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	406
glhyph	Hyphenation patterns for Galician	Música de Rivera	410
globalvals	Declare global variables	Baynham	144
glonti	Virtual fonts for T2A-encoded fonts	Glonti	230
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	223
gloss-occitan	Polyglossia support for Occitan	Valmary	512
gloss	Create glossaries using BibTeX	de Arriba, Bezos López	134
glossaries-accsupp	Accessibility support for glossaries	Talbot	474
glossaries-danish	Danish language module for glossaries package	Talbot	474
glossaries-dutch	Dutch language module for glossaries package	Talbot	474
glossaries-english	English language module for glossaries package	Talbot	474
glossaries-esto...	Estonian language module for glossaries package	Kankainen	277
glossaries-extra	An extension to the glossaries package	Talbot	474
glossaries-finnish	Finnish language module for glossaries package	Välimäki	512
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	476
glossaries-german	German language module for glossaries package	Talbot	475
glossaries-irish	Irish language module for glossaries package	Talbot	475
glossaries-italian	Italian language module for glossaries package	Talbot	475
glossaries-magyar	Magyar language module for glossaries package	Talbot	475
glossaries-norsk	Norsk Bokmål language module for the glossaries Package	Stendahl	460
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	250
glossaries-polish	Polish language module for glossaries package	Talbot	475
glossaries-port...	Portugues language module for glossaries package	Talbot	475
glossaries-serbian	Serbian language module for glossaries package	Talbot	475
glossaries-slovene	Slovene language module for glossaries package	Bačić	138
glossaries-spanish	Spanish language module for glossaries package	Talbot	475
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	369
glossaries	Create glossaries and lists of acronyms	Talbot	474
glossary	Create a glossary	Talbot	475
glosstex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	549
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	138
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	201
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	358
gmeometric	Change page size wherever it's safe	Murzynowski	358
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	358
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	238
gmutils	Support macros for other packages	Murzynowski	358
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	358

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gmverse	A package for typesetting (short) poems	Murzynowski	358
gnu-freefont	A Unicode font, with rather wide coverage	White	535
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	250
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	300
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	359
go	Fonts and macros for typesetting go games	Kołodziejska	299
gobble	More gobble macros for PlainT <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Scharrer	428
goblin	Tolkien's goblin alphabet	Stanier	458
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
gost	BibT <sub>E</sub> X styles to format according to GOST	Polyakov, Kotelnikov	396
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	246
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	137
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	519
gplot	CGM-based graphics support	Andrews	132
grabbox	Read an argument into a box and execute the code afterwards	Spratte	457
gradback	Gradient backgrounds for dvips output	Pedersen	388
gradient-text	Decorate text with linear gradient colors	Du	198
gradientframe	Simple gradient frames around objects	Raue	404
grading-scheme	Typeset grading schemes in tabular format	Keßler	281
gradstudentresume	A generic template for graduate student resumes	Kumar	305
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	385
grafik	EPS graphics under Windows	Dübendorfer	199
grant	Classes for formatting federal grant proposals	Karr	278
graph35	Draw keys and screen items of several Casio calculators	Paternault	387
GraphBase	A platform for combinatorial algorithms	Knuth	293
graphbox	Extend graphicx to improve placement of graphics	Beisert	148
GraphConv	Convert graph files to PSTricks	Chicoine	180
grapher	Create graphs, state machine and data flow diagrams	Algaba	131
graphfig	Simpler graphic, subfigure and float	Bosisio	157
graphicp	An enhanced version of graphics	Szabó	471
graphics-cfg	Sample configuration files for L <sup>A</sup> T <sub>E</sub> X color and graphics	L <sup>A</sup> T <sub>E</sub> X Team	488
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	492
graphics-pln	LaT <sub>E</sub> X-style graphics for Plain T <sub>E</sub> X users	Carlisle	170
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
graphicscache	Cache includegraphics calls	Schwarz	439
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	129
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
graphicxbox	Insert a graphical image as a background	Story	464
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	545
GraphicxSP	An extension of the graphicx package	Story	464
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	309
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	152
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	395
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	404
gray	Fonts for gray-scales	Knuth	293
grayhints	Produce 'gray hints' to a variable text field	Story	464
grchyph	Hyphenation for classical Greek, under XeT <sub>E</sub> X	Codet	183
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	347
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	471
greek-makeindex	Makeindex working with Greek	Syropoulos	469
greek4cbc	A Greek font from 394BC	Wilson	537
greek6cbc	A Greek font from the sixth century BC	Wilson	537
greekctr	Represent counters by letters of the Greek alphabet	Knappen	291
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	498

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
greekinfo3	Overview of systems, packages, and fonts for Greek $\TeX$	Dimakos, Filippou	194
greetex-fd	$\LaTeX$ font definition files for Greek $\TeX$	Brodnik	162
greetex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyrakis	353
greetonoi	Facilitates writing/editing of multiaccented greek	Cornaros	186
greenpoint	The Green Point logo	Triska	497
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	422
grfext	Manipulate the graphics package's list of extensions	Oberdiek	371
grffile	Extended file name support for graphics (legacy package)	Oberdiek	371
grfguide	$\LaTeX$ standard graphics and color packages documentation	Carlisle	170
grfpaste	Include fragments of a dvi file	Carlisle	170
grid-system	Page organisation, modelled on CSS facilities	Bitzl	153
grid	Grid typesetting in $\LaTeX$	River Valley Technologies	410
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	343
gridset	Grid, a.k.a. in-register, setting	Kohm	296
gridslides	Free form slides with blocks placed on a grid	Mendler	345
grkfst	Install Greek Type 1 fonts	Kryukov	303
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	469
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	469
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rosberg	419
grverb	Typesetting Greek verbatim	Syropoulos	469
GS1	Typeset EAN barcodes using $\TeX$ rules, only	Kohm	296
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	421
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	521
gsview	View PostScript under MS-Windows or OS/2	Lang	309
gtex-letter	A Gnome assistant to ease the writing of $\LaTeX$ letters	Folini	218
gtl	Manipulating generalized token lists	Le Floch	217
gtrcrd	Add chords to lyrics	Bresciani	161
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	239
gu	Typeset crystallographic group-subgroup-schemes	Lange	310
guarani	Guarani support	Bezós López	322
gudea	The Gudea font face with support for $\LaTeX$ and pdf $\LaTeX$	Ebinger	201
guia-bibtex	Guia casi completa de Bib $\TeX$	López	325
guide-latex-fr	A french guide on $\LaTeX$ – for beginners or advanced users	Bouzigues	159
GuIT-corso	Introduzione al mondo di $\LaTeX$	Himmelman, Vavassori,	257
		Busdraghi	
guitar	Guitar chords and song texts	Väth	513
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	364
guitartabs	A class for drawing guitar tablatures easily	Babushkin	138
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	514
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	519
gurmukhi-singh	Support for Gurmukhi in $\TeX$	Singh	450
gurmukhi	Support for Gurmukhi	Pandey	384
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	210
GUtenberg	French $\TeX$ Users Group information	Just	276
gv-savepos	A patch to gv to save positions	Thành	485
gv	An X front end for Ghostscript	Marchesi	336
gzt	Bundle of classes for "La Gazette des Mathématiciens"	Bitouzé	153
<b>HHHHH</b>			
h2020proposal	$\LaTeX$ class and template for EU H2020 RIA proposal	Indiveri	266
ha-prosper	Patches and improvements for prosper	Adriaens	129
hackalloc	Make allocations local	Unknown	504
hackthefootline	Footline selection and configuration for $\LaTeX$ beamer's standard themes	Friedl	221
hacm	Font support for the Arka language	Miyatani	351

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hagenberg-thesis	Collection of L <sup>A</sup> T <sub>E</sub> X classes, style files and example documents for academic manuscripts	Burger, Hochleitner	166
halftone	Knuth's halftone font and its uses	Clark, Knuth	182
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	345
hamnosys	A font for sign languages	Schulder, Hanke	438
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	465
handout	Create handout for auditors of a talk	Rouquette	421
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	194
hands	Pointing hand font	Tobin, Powroz	495
hang	Environments for hanging paragraphs and list items	Nolda	367
hangcaption	Hanging layout for captions	Jones	273
hanging	Hanging paragraphs	Robertson, Wilson	413
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	153
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	225
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	153
har2nat	Replace the harvard package with natbib	Straathof	465
haranoaji-extra	Harano Aji Fonts	Hosoda	263
haranoaji	Harano Aji Fonts	Hosoda	263
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	412
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	532
harnon-cv	A CV document class with a vertical timeline for experience	Hart	249
harpoon	Extra harpoons, using the graphics package	Kuipers	305
harvard-obsolete	The Harvard bibliography style family	Williams	536
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	536
harveyballs	Create Harvey Balls using TikZ	Roth	420
harvmac	Macros for scientific articles	Ginsparg	228
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	267
hausarbeit-jura	Class for writing "juristische Hausarbeiten" at German Universities	Sievers	449
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	181
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	448
he-le-na	Support for Serbian typesetting	Filipović	213
he-she	Alternating pronouns to aid gender-neutral writing	Munn	356
headerfooter	Define the layouts of page headers and footers	Gildea	228
hebrew-fonts	Input encodings, font encodings and font definition files for Hebrew	Fogiel	218
hebtex	Support for Hebrew and other right-to-left languages	Porrat	396
hecthesse	A class for dissertations and theses at HEC Montréal	Hamel	245
hellas	Typeset bibliographies which include Greek	Syropoulos	470
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	363
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	434
hep-acronym	An acronym extension for glossaries	Hajer	243
hep-bibliography	An acronym extension for glossaries	Hajer	244
hep-float	Convenience package for float placement	Hajer	244
hep-font	Latin modern extended by computer modern	Hajer	244
hep-gen	Generic macros for quantum physics	Unknown	504
hep-graphic	Extensions for graphics, plots and feynman graphs in high energy physics	Hajer	244
hep-math-font	Extended Greek and sans-serif math	Hajer	244
hep-math	Extended math macros	Hajer	244
hep-paper	Publications in High Energy Physics	Hajer	244
hep-reference	Adjustments for publications in High Energy Physics	Hajer	244
hep-text	List and text extensions	Hajer	244
hep-title	Extensions for the title page	Hajer	244
hep	A "convenience wrapper" for High Energy Physics packages	Buckley	164
hepnames	Pre-defined high energy particle names	Buckley	164
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	164

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hepthesis	A class for academic reports, especially PhD theses	Buckley	164
Hepunits	A set of units useful in high energy physics applications	Buckley	164
here	Emulation of obsolete package for "here" floats	Berry	151
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	504
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	523
hershey-mp	MetaPost support for the Hershey font file format	Renkema	407
hershey	Experiments with the Hershey fonts	Yap	546
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	444
hex	Print a counter in hexadecimal	Domenjoud	195
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	422
hexdump	Read and typeset ASCII hexdump files	Hillebrand	257
hexgame	Provide an environment to draw a hexgame-board	Brouwer	163
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	213
hfbright	The hfbright fonts	Harders	247
hfoldsty	Old style numerals with EC fonts	Harders	247
HFUTExam	Exam class for Hefei University of Technology (China)	Zhang	552
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	549
hge	An "Old English" font	Unknown	504
hhline	Better horizontal lines in tabulars and arrays	Carlisle	170
hhtensor	Print vectors, matrices, and tensors	Harders	247
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	306
hieroglf	The "poor man's" Egyptian Hieroglyphic font	Wilson	537
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	419
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	450
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	304
highlightx	Highlight formulas or paragraphs	Pierquet	391
hilowres	Support high and low resolution versions of same picture	Gerell	226
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	305
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	435
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal 'Historische Zeitschrift'	Waßenhoven	531
histyle	A "HighStyle" environment for T <sub>E</sub> X	Unknown	505
hitec	Class for documentation	Billauer	152
hitex-def	Support files for HiTeX	Ruckert	424
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	424
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	546
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	467
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	546
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	546
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	497
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	501
hlatex	Support for the Korean language	Un	501
hletter	Flexible letter typesetting with flexible page headings	Housley	263
hlist	Horizontal and columned lists	Tellechea	479
hmtrump	Describe card games	Hitomi	257
hobby	An implementation of Hobby's algorithm for PGF/TikZ	Stacey	457
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	233
hobsub	Construct package bundles	Oberdiek	371
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	549
hologo	A collection of logos with bookmark support	Oberdiek	371
holtpolt	Typeset Maxwell's non-commutative division	Knappen	291
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	371
homework	A L <sup>A</sup> T <sub>E</sub> X class for writing your homework	XU	544
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developpers	Rouquette	421



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hopatch	Load patches for packages	Oberdiek	371
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	451
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	530
hp2xx	HP GL converter	Unknown	505
hpgl2ps	Translate HPGL to PostScript	McCormick	341
hpsdiss	A dissertation class	Schmid	431
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	165
hrefhide	Suppress hyper links when printing	Münch	355
hrhyph	Croatian hyphenation	Marinović	337
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	336
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	275
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	485
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	530
hu-berlin-bundle	L <sup>A</sup> T <sub>E</sub> X classes for the Humboldt-Universität zu Berlin	Bossert	158
huawei	Template for Huawei documents	Bugayenko	165
huaz	Automatic Hungarian definite articles	Tómacs	496
huffman	Drawing binary Huffman trees with MetaPost and METAOBJ	Chupin	181
huhyph	Hyphenation patterns for the Hungarian language	Mayer	341
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	496
humanbio	Bibliography style for "Human Biology"	Rogers	417
humanist	Humanist manuscript book-hand font	Wilson	537
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	417
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	538
hungarian	New Hungarian hyphenation patterns	Nagy	359
husthesis	Unofficial thesis template for Huazhong University	Cheng	177
hvarabic	Macros for RTL typesetting	Voß	523
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	360
hvextern	Write and execute external code, and insert the output	Voß	523
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	523
hvindex	Support for indexing	Voß	523
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	523
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	346
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	432
hvpymntex	Syntax-Highlighting of program code	Voß	523
hvqrurl	Insert a QR code in the margin	Voß	523
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	505
hwkatakana	Half-width katakana fonts	Hassenpflug	250
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	216
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	161
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	371
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	371
hypcap	Adjusting the anchors of captions	Oberdiek	371
hypdestopt	Hyperref destination optimizer	Oberdiek	371
hypdoc	Hyper extensions for doc.sty	Oberdiek	372
hypdvips	Hyperref extensions for use with dvips	Niedrist	365
hyper	Hypertext cross referencing	Mehlich	344
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	302
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	177
hypernat	Allow hyperref and natbib to work together	Berger	150
hyperref	Extensive support for hypertext in L <sup>A</sup> T <sub>E</sub> X	Oberdiek, Rahtz, Oberdiek Package Support Group, L <sup>A</sup> T <sub>E</sub> X Team	376
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	382

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hypgotoe	Links to embedded files	Oberdiek	372
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	346
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	478
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	324
hyphenat	Disable/enable hyphenation	Robertson, Wilson	413
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	214
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	316
hyphsubst	Substitute hyphenation patterns	Oberdiek	372
hyphth1	Additional hyphenation patterns	Raichle	402
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	238
<b>III</b>			
i-ching	An i-ching package	Bzyl	168
iagproc	Class for two column IAG Proceedings articles	Vermeer	515
iahypen	Hyphenation patterns for Interlingua	Kleiweg	289
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	481
ibm	Metrics for IBM fonts	Rahtz	401
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	314
ibrackets	Intelligent brackets	Missier	349
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	256
ibyrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	433
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	394
icelandic	Icelandic Fonts	Pind	394
iching	A font for I Ching divinations	Stanier	458
icite	Indices locorum citatorum	Alessi	130
icomma	Intelligent commas for decimal numbers	Schmidt	432
icon-appr	Creates icon appearances for form buttons	Story	464
icons	T <sub>E</sub> X icons	Carriba, Sendoukas	173
icsv	Class for typesetting articles for the ICSV conference	Robertson	411
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	225
identkey	Typesetting bracketed dichotomous identification keys	White	534
idverb	Inline verbatim identifiers	Schrod	436
idxcmds	Semantic commands for adding formatted index entries	Niederberger	364
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	494
idxtex	An index processor	Aurbach, Hantelmann, Iani- gro	138
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	140
IEEEconf	Macros for IEEE conference proceedings	Pakin	382
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	304
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	446
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	446
IEEEJtran	Unofficial bibliography style file for the Institute of Electrical Engi- neers of Japan	Ejiri	204
ietfbibs	Generate BibT <sub>E</sub> X entries for various IETF index files	Mortier	353
iexec	Execute shell commands and input their output	Bugayenko	165
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	389
ifallfalse	Compare a string against a set of other strings	Chen	177
ifdraft	Detect “draft” and “final” class options	Oberdiek	372
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	492
iffont	Conditionally load fonts with fontspec	Weiss	533
iflang	Expandable checks for the current language	Oberdiek	372
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	491
ifmslide	Presentation slides for screen and printouts	Emmel	205

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	413
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	327
ifoddpage	Determine if the current page is odd or even	Scharrer	429
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	491
ifplatform	Conditionals to test which platform is being used	Robertson, Große	412
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	548
ifsym	A collection of symbols	Klöckl	290
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	491
ifthen	Conditional commands in L <sup>A</sup> T <sub>E</sub> X documents	Lamport, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	309
ifthenx	Extra tests for \ifthenelse	Jones	273
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	492
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	492
ifxptex	Detect pTeX and its derivatives	Zhang	553
igo	Fonts and macro to typeset Go diagrams	Dupuis	200
iitem	Multiple level of lists in one list-like environment	Vitecek	520
ijc	International Journal of Control style	Balemi	139
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	387
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	517
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	338
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	158
imac	International Modal Analysis Conference format	Slater	451
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	365
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	146
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	290
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
imfellflowers	IM Fell Flower OpenType fonts	Tennent	482
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	128
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	394
import	Establish input relative to a directory	Arseneau	134
impose	PostScript imposition and support utilities	Grobgeld	240
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	517
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	282
IMTEKda	IMTEK thesis class	Dreher	197
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	466
includeRnw	Include .Rnw inside .tex	Storvik Strauman	465
includex	Extended \include	Swift	468
inconsolata-ner...	Inconsolata Nerd Font with support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Lukaszcyk	330
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	317
indent	Environments that change margins	Unknown	505
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	273
indextools	Producing multiple indices	Rouquette	421
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	394
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	452
indxcite	Generate author index based on citations	Ashton	137
infpic	Macros to insert pictures in paragraphs	Ulrych	501
infwarerr	Complete set of information/warning/error message macros	Oberdiek	372
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	292
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	460
inkpaper	A mathematical paper template	Liang	318

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
inline-images	Inline images in base64 encoding	Wäckerlin	528
inlinebib	Citations in footnotes	Seindal	441
inlinedef	Inline expansions within definitions	Hicks	256
inlinelabel	Assign equation numbers to inline equations	Kusakabe	306
innerscript	Modifies automatic mathematics spacing	Kosowsky	300
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	271
inputenx	Enhanced input encoding handling	Oberdiek	372
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	499
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	303
inputtrc	Trace which file loads which	Lück	327
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	337
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	211
insbox	Insert pictures/boxes into paragraphs	Gulczynski	241
inscrutable	A response to Perl hackers' silliness	Greene	237
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	464
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	538
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	538
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	530
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	287
intcalc	Expandable arithmetic operations with integers	Oberdiek	372
inter	The inter font face with support for L <sup>A</sup> T <sub>E</sub> X, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, and LuaLaTeX	Ebinger	202
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	231
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	154
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	305
interchar	Managing character class schemes in XeTeX	Hu	263
interfaces	Set parameters for other packages, conveniently	Chervet	178
interpol	Add interpolation to MetaPost graph package	Vieth	519
interpreter	Translate input files on the fly	Isambert, Robbers	267
interval	Format mathematical intervals, ensuring proper spacing	Madsen	333
intex	Support typesetting and indexing words and phrases	Ranange	404
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	303
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	150
inversepath	Calculate inverse file paths	Robertson	411
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	505
invoice-class	Produces a standard US invoice from a CSV file	Munn	356
invoice	Generate invoices	Corff	185
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	194
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	210
ionumbers	Restyle numbers in maths mode	Schneider	434
iopart-num	Numeric citation style for IOP journals	Caprio	170
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	416
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	548
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	266
is-bst	Extended versions of standard BibTeX styles	Beebe	147
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	223
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	238
ishyph	Hyphenation patterns for Icelandic	Pind	394
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	484
isi2bibtex	Converter for ISI to BibTeX	Lee	312
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	362
iso	Generic ISO standards typesetting macros	Wilson	538

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
iso10303	Typesetting the STEP standards	Wilson	538
iso209	A document style for ISO standards	North	367
isodate	Tune the output format of dates according to language	Harders	247
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	191
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	505
isomath	Mathematics style for science and technology	Milde	347
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	513
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	523
isorot	Rotation of document elements	Wilson	538
isotope	A package for typesetting isotopes	Bauke	143
ispell	Multi-platform spell checker	Atkinson	137
isphysicalmath	Simple way to write nice formulas	Fantini	210
issuulinks	Produce external links instead of internal ones	Veytsman	517
ist21	Title page for the old BSI IST/21 committee	Unknown	505
istgame	Draw Game Trees with TikZ	Cho	180
ital	Automatic italic correction	Bernstein	150
italic	Automatic italic correction for italic and slanted text	Goatley	230
iTe	Interactive T <sub>E</sub> X editor	Kühn	305
ithyph	Hyphenation patterns for the Italian language	Beccari	145
itnumpar	Spell numbers in words (Italian)	Gregorio	238
itrans-processor	Transliteration of Indian Languages	Chopde	180
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	192
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	203
iwona	A two-element sans-serif font	Nowacki	368
iwonamath	L <sup>A</sup> T <sub>E</sub> X support for scaled Iwona math fonts	Veytsman	517
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	354
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	293
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	487
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	427
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	402
jamtimes	Expanded Times Roman fonts	Veytsman	517
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	505
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	477
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	398
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	352
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	222
jasthesis	A 'standard' thesis class	Shepherd	446
JavaBib	A BibTeX file manager written in Java	Unknown	505
javadoc	Documenting source code	Kiesel	284
javaDVI	DVI viewer and printer coded in Java	Hurt	265
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	546
JavascriptHTTP	Add buttons to a PDF to easily get and post web content	Zwahlen	555
javatex	A Java implementation of T <sub>E</sub> X	Murphy	358
jbact	BibTeX style for biology journals	Schneider	435
JBibtexManager	Managing citations in BibTeX format	Batada	142
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	257
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	461
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	336
JeuxCartes	Macros to insert playing cards	Pierquet	391
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	345



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	548
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	397
jhep	Class for JHEP	Nesti	361
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	204
jigsaw	Draw jigsaw pieces with TikZ	Unknown	505
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	464
jkmath	Macros for mathematics that make the code more readable	Kaerts	276
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	291
jkthesis	Document class for formatting a thesis	Küpper	306
jlabels	Make letter-sized pages of labels	Tartir	477
jlm	Jörg's L <sup>A</sup> T <sub>E</sub> X Mode - an advanced L <sup>A</sup> T <sub>E</sub> X mode for Jed	Sommer	454
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	353
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	128
jmakedpdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	475
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	435
jmlr	Class files for the Journal of Machine Learning Research	Talbot	475
jmsdelim	A package for compositional delimiter sizing	Sterling	461
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	254
jnuexam	Exam class for Jinan University	Lyu	332
jobname-suffix	Compile differently based on the filename	Siefken	448
joinbox	Join boxes vertically or horizontally	Geng	225
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
jourcl	Cover letter for journal submissions	Kukovec	305
jourrr	A L <sup>A</sup> T <sub>E</sub> X template for journal rebuttal letters	Kukovec	305
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	486
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	366
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	345
jphysiol	BibTeX style for the Journal of Physiology	Hennig	254
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	408
jpnedenumerate	Enumerative expressions in Japanese education	Kusakabe	306
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	306
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	306
jqt1999	Journal of Quality Technology BibTeX format	Forrest	219
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	436
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	377
jslectureplanner	Creation and management of university course material	Spitzmüller	456
jspell	An ASCII file spelling checker	Jeong	272
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	417
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	410
jumplines	Articles with teasers and continuation later on	Hupfer	265
junicode	A TrueType font for mediaevalists	Baker	139
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	142
jura	A document class for German legal texts	Braun	160
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	531
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	150
juramisc	Typesetting German juridical documents	Sodtaltbers	453
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	531
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	300
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	527
jwjournal	A personal class for writing journals	XU	544
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	452

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
kalender-209	Produce page-per-day calendars	Schrell	435
kalender	Create a calendar, in German	Söhner	453
kanaparser	Kana parser for LuaTeX	Zahumensky	550
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	177
kantlipsum	Generate sentences in Kant's style	Gregorio	238
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	269
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	535
karnaughmap	Typeset Karnaugh maps	Michael	345
karta	Cartographic signs	Unknown	505
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	318
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	454
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	157
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	317
kdgreek	Greek fonts and macros	Dryllerakis	198
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	165
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	280
kerkis	Kerkis (Greek) font family	Tsolomitis	498
kerntest	Print tables and generate control files to adjust kernings	Harders	247
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	472
keycommand	Simple creation of commands with key-value arguments	Chervet	178
keyfloat	Provides a key/value interface for generating floats	Dunn	200
keyindex	Index entries by key lookup	Zach	549
keyparse	Key based parser	Rogard	416
keyreader	A robust interface to xkeyval	Musa	358
keystroke	Graphical representation of keys on keyboard	Niepraschk	365
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
keyval2e	A lightweight and robust key-value parser	Musa	359
keyvaltable	Re-usable table layouts separating content and presentation	Grewe	239
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	132
khatalmaqala	Arabic font for university articles	Abdalmatin	128
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	536
kinematikz	Design kinematic chains and mechanisms	Santos	426
kix	Typeset KIX codes	Stoks	461
KIXfont	A font for KIX codes	van Rein	407
klinz	A Klingon font	Wünsch	543
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	291
knit	Tangle and weave with multiple change files	Appelt	133
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	142
knittingpattern	Create knitting patterns	Griffiths	239
knot	A Celtic knotwork font	Jaquina	271
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	183
knst	Multiple-guess tests	Saludes	426
knuth-base	The current state of Knuth's contributions	Knuth	293
knuth-dist	The current state of Knuth's contributions	Knuth	293
knuth-errata	Knuth's published errata	Knuth	293
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	430
knuth-letter	Knuth's example letter macros	Knuth	293
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	293
knuth-local	Knuth's local information	Knuth	293
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	431
koi8	KOI-8 input support	Blumenthal	154
koma-moderncvc1...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	453
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	296
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	296

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	296
koma-script-exa...	Examples from the KOMA-Script book	Kohm	296
koma-script-obs...	Deprecated packages from koma-script	Kohm	297
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	511
koma-script	A bundle of versatile classes and packages	Kohm	296
komacv-rg	L <sup>A</sup> T <sub>E</sub> X packages that aid in creating CVs based on the komacv class and creating related documents	Grewe	239
komacv	Typesetting a beautiful CV with various style options	Södergran	453
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	532
KorigamiK	Typeset articles using KorigamiK's document class	Lakhwani	308
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	312
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	312
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	312
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	312
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	487
kpfonts-otf	OTF version of the Kp-fonts	Flipo	216
kpfonts	A complete set of fonts for text and mathematics	Caignaert	168
ksfh-nat	BibT <sub>E</sub> X style for KSFH Munich	Bilger	152
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	251
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	215
ktv-texdata	Extract subsets of documents	Huynh	265
ku-template	Copenhagen University or faculty logo for front page	Pedersen	388
kurdishlipsum	A 'lipsum' package for the Kurdish language	Jund	276
kurier	A two-element sans-serif typeface	Nowacki	368
kuvio	Drawing macros and fonts for diagrams	Svensson	467
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	372
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	219
kvoptions	Key value format for package options	Oberdiek	372
kvsetkeys	Key value parser with default handler support	Oberdiek	372
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	245
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures "how-to" (German)	Bischoff	153
l2tabu-english	English translation of "Obsolete packages and commands"	Trettin, Fenn	497
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	131
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	551
l2tabu-spanish	Spanish translation of "Obsolete packages and commands"	Trettin, Medina Arellano	497
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	206
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	438
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	488
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	489
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	489
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	489
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	489
l3keys2e	LaTeX2e option processing using L <sup>A</sup> T <sub>E</sub> X3 keys	L <sup>A</sup> T <sub>E</sub> X Team	489
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	489
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	489
la	School handwriting fonts	Heuer	256
laansort	Sorting within T <sub>E</sub> X	van der Laan	307
labbook	Typeset laboratory journals	Küster	306
label-pln	Print address labels in three columns	Unknown	505
labelcas	Check the existence of labels, and fork accordingly	Diez	194
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	448
labelmac3	Print Avery 5160 labels for laser printers	Rao	404
labelmag	Manage a collection of labels	Willadt	536

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	228
labels4easylist	Add reference labels to easylist items	Paciorek	380
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	200
lablstd-pkg	List names of labels in a document	Karney	277
labtex	Label diagrams produced in Metafont	Hoenig	258
labyrinth	Draw labyrinths and solution paths	Zigliotto	554
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	493
ladder	Draw simple ladder diagrams using TikZ	Cadiou	168
lahyph	Hyphenation patterns for the Latin language	Beccari	145
laletter	Los Alamos letter style	Sydoriak	469
lambda-lists	Lists in T <sub>E</sub> X’s mouth	Jeffrey	271
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	416
lamemo	Memo style as used at Los Alamos	Sydoriak	469
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	351
lamstex-index	Index processor for LamsTeX	Spivak	456
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	456
landscape	Set up for typesetting in landscape	Hosek	262
langcode	Simple language-dependent settings based on language codes	Lück	327
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un- known	338
langsci-affilia...	Collect and order authors and affiliations	Kopecky	299
langsci-avm	Feature structures and attribute-value matrices (AVM)	Kopecky	299
langsci	Typeset books for publication with Language Science Press	Nordhoff	367
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	407
laps	Zero-width boxes for annotations, etc	Unknown	505
lastbib	Record the number of citations in a document	Tuleuov	499
lastpackage	Indicates the last loaded package	Pospiech	397
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	356
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	192
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	408
latex-amsmath-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X amsmath bundle	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-base-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X kernel	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-base	Base sources of L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach	491
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	523
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	523
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	380
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	217
latex-context-p...	Legacy stub to allow loading pictex as m-pictex	Carlisle	170
latex-course	A L <sup>A</sup> T <sub>E</sub> X course as a projected presentation	Buxbaum	168
cyrillic	Support for Cyrillic fonts in L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié- Gonnard, Berry	251
latex-doc	Documentation supplied as part of the L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	309
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	531
latex-firstaid-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X firstaid package	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-firstaid	First aid for external L <sup>A</sup> T <sub>E</sub> X files and packages that need updating	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliard-Smith	295
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	326
latex-git-log	Typeset git log information	Schneider	435
latex-graphics-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-graphics	The L <sup>A</sup> T <sub>E</sub> X standard graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	489

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	238
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	460
latex-lab-dev	L <sup>A</sup> T <sub>E</sub> X laboratory: Development pre-release	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjean	190
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	261
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	263
latex-papersize	Calculate L <sup>A</sup> T <sub>E</sub> X settings for any font and paper size	Brown	163
latex-pro-pragm...	L <sup>A</sup> T <sub>E</sub> X for pragmatists	Satrapa	426
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	523
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	309
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	421
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	523
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	372
latex-tools-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-tools	The L <sup>A</sup> T <sub>E</sub> X standard tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	471
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	218
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	338
latex	A T <sub>E</sub> X macro package that defines L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Lamport	491
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	309
latex2e-help-te...	A French translation of "latex2e-help-texinfo"	Belaïche	149
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	151
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	194
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	197
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	521
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	385
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dörner, Granzer	255
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	231
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	231
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	232
LaTeX4WP	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	231
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	320
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	249
latexbug	Bug-classification for L <sup>A</sup> T <sub>E</sub> X related bugs	L <sup>A</sup> T <sub>E</sub> X Team	490
latexcad	A CAD drawing package	Leis	315
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	440
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	410
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	236
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	175
latexcolors	Use color definitions from latexcolor.com	Plüss	395
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	334
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	302
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	207
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	397
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilman	494
latexdraw	CAD oriented drawing program	Siebert	449
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	327
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	247
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	459
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	264
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	182



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	343
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	184
LaTeXMng	An integrated development environment for Windows	Vabishchevich	511
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	352
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	184
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	354
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	152
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	490
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	341
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	326
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	536
latin	Latin language definition for Babel	Beccari	145
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	291
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	291
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	291
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	317
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	352
Layaureo	A package to improve the A4 page layout	Busdraghi	168
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	343
layouts	Display various elements of a document's layout	Robertson, Wilson	413
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	271
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	349
lccaps	Lowercased (spaced) small capitals	Giannotti	227
lcd	Alphanumerical LCD-style displays	Kaufmann	279
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	295
lcg	Generate random integers	Janka	270
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	273
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	318
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	499
leading	Define leading with a length	Robertson	411
leadsheets	Typesetting leadsheets and songbooks	Niederberger	364
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	433
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	382
lebhart	Write your articles in a colorful way	XU	544
lecturer	On-screen presentations for (almost) all formats	Isambert	266
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	169
lectureslides	Combine single PDF files into one file	Zhang	552
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	192
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	539
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	539
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	539
leftidx	Left and right subscripts and superscripts in math mode	Harders	247
leftindex	Left indices with better spacing	Ørsted	379
LElletter	A letter class for Leiden University	Kreutzer	301
leipzig	Typeset and index linguistic gloss abbreviations	Weber	532
lengthconvert	Express lengths in arbitrary units	Daniel	190

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
letgut	Class for the newsletter “La Lettre GUTenberg” of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	137
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	372
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	505
letter	The standard L <sup>A</sup> T <sub>E</sub> X2e letter document class	Lamport, Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	309
letter1	Letter formatting macros	Unknown	505
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	510
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	452
letterspacing	Letter spacing	Taylor	479
letterswitharrows	Draw arrows over math letters	Teegen	479
lettre	Letters and faxes in French	Mégevand, Belaïche	344
letrine	Typeset dropped capitals	Flipo	216
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	317
levy-latex	Macros for using Silvio Levy’s Greek fonts	Dafferner	188
lewis	Draw Lewis structures	Horvath	262
lexend	The Lexend fonts for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X through fontspec	Schinko	431
lexikon	Macros for a two language dictionary	Kielhorn	283
lexitex	Footnote-style citations for law journals	Bennett	150
lexref	Convenient and uniform references to legal provisions	Vion	520
lextex	Typesetting legal documents using plain T <sub>E</sub> X	Horne	262
lfb	A Greek font with normal and bold variants	Field	213
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	222
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	401
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	350
lgraph	A program to generate graphs	Podar	395
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy’s Greek fonts	Murphy	358
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	391
lgrmath	Use LGR-encoded fonts in math mode	Burnol	166
lgrx	Obsolete package for Greek in text	Milde	347
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	283
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	554
lhelp	Miscellaneous helper packages	Kuhlmann	304
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	484
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	482
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	482
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	444
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	242
libertinus-fonts	The Libertinus font family	Hosny, MacIennan	263
libertinus-otf	Support for Libertinus OpenType	Voß	524
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaTeX	Tennent	482
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	524
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	444
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	166
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	266
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	482
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	248

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lie-hasse	Draw Hasse diagrams	McKay	342
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	390
liftarm	Draw liftarms	Floré	217
LigaTeX	Remove unnecessary ligatures	Killesreiter	284
Light LaTeX Make	lrmk: A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	137
ligtype	Comprehensive ligature suppression functionalities	Kelkel	279
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	320
limap	Typeset maps and blocks according to the Information Mapping <sup>®</sup> method	Neugebauer	362
limecv	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitæ	Pieters	392
linearA	Linear A script fonts	Syropoulos	470
linearB	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	538
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	259
linegoal	A “dimen” that returns the space left on the line	Chervet	178
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	158
linenoamsmath	Use the lineno package together with amsmath	Wette	534
ling-macros	Macros for typesetting formal linguistics	McKenzie	342
lingtrees	Linguistics trees preprocessor and macros	Andrews	132
linguex	Format linguists’ examples	Sternefeld	461
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	534
linsys	Typeset systems of linear equations	Kehowski	279
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	326
lion-msc	L <sup>A</sup> T <sub>E</sub> X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)	de Dood	196
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	468
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	246
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	447
list	List ASCII text files	Knuth	293
listbib	Lists contents of BibTeX files	Kuhlmann	304
listing-pln	Almost-verbatim list programs	Toby	495
listing	Produce formatted program listings	Kuhlmann, Hebley	304
listings-ext	Automated input of source	Hoffman	258
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	259
listingsutf8	Allow UTF-8 in listings input	Oberdiek	372
listbls	Creates a list of all labels used throughout a document	Melzer	345
listliketab	Typeset lists as tables	Pakin	382
listofanswers	Provide a list of answers to mathematical problems	Ipanaque	266
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	480
listofsymbols	Create and manipulate lists of symbols	Spreng	457
literate	A literate programming system, not tied to any language	Schrod	436
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	385
lithuanian	Lithuanian language support	Tolušis	495
liturg	Support for typesetting Catholic liturgical texts	Goodman	232
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	530
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	379
LKproof	LK Proof figure macros	Tatsuta	478
l1list	List ASCII text files in landscape	Knuth	293
l1ncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	409
l1ncs209	Macros for Springer books	Unknown	505
l1ncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer’s l1ncs class	Brucker	163

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	268
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	268
lmacs	A simple package for including support files	Story	464
lmake	Process lists to do repetitive actions	Pan	384
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	224
ln03dvi	DVI to LN03 driver	Thomas	492
lni	Official class for the “Lecture Notes in Informatics”	Sievers	449
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	482
locality	Various macros for keeping things local	Gross	240
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	402
logbox	e-TeX showbox facilities for exploration purposes	Chervet	178
logfilter	Choose what you want to see of a (La)TeX log	Graversen	236
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	515
logic	A font for electronic logic design	Simpson	450
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	338
logicproof	Box proofs for propositional and predicate logic	Davidson	190
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	287
logix	Supplement to the Unicode math symbols	Finney	214
logoetalab	Insert Licence Etalab 2.0 logo	Pierquet	391
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	279
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	314
logsys	Draw logarithmic coordinate systems	Hansen	245
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	204
longdiv	Long division arithmetic problems	Arseneau	135
longdivision	Typesets long division	Chatham	176
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	315
longfigure	Provides a figure-like environment that break over pages	Arnold	134
longnamefilelist	Tidy \listfiles with long file names	Lück	328
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	172
longtocline	Macros to produce a table of contents	Unknown	505
lookbibtex	Tools for examining BibTeX files	Heidemann	251
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	359
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	196
lout	An alternative typesetting system	Kingston	286
loal	Round-cornered framed boxes	Schalück	428
lparse	A Lua module for parsing key-value options	Friedrich	221
lpform	Typesetting linear programming formulations and sets of equations	Waltman	530
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	340
lplfitch	Fitch-style natural deduction proofs	Zach	550
lps	Class for “Logic and Philosophy of Science”	Cevolani	175
lpw	A literate programming environment for Macs	Lindenberg	319
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	232
lsabon	Support files for the Linotype Sabon fonts	Veytsman	517
lsc	Typesetting Live Sequence Charts	Westphal	534
lscap	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
lshort-bulgarian	Bulgarian translation of the “Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e”	Karakoleva	277
lshort-czech	Czech translation of the “Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e”	Madr, Stríž, Oetiker	333
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	146
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	376
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	383
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	252

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	184
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: L <sup>A</sup> T <sub>E</sub> X2e-Kurzbeschreibung	Schmidt, Gundlach, Daniel	432
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	241
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	338
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	285
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	143
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	196
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	378
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	230
lshort-portugue...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	396
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	450
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	495
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	167
lshort-slovenian	Slovenian translation of lshort	Plestenjak	395
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Artime, Rivera, Vela	137
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	520
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	277
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	396
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	363
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	544
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	376
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	429
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	134
lstfiracode	Use Fira Code font for listings	Zhang	552
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	252
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	368
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	195
ltablex	Table package extensions	Goel	230
ltabptch	Bug fix for longtable	Lück	328
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	142
ltcaption	Fix some caption problems in longtables	Sommerfeldt	454
ltnews	The latest L <sup>A</sup> T <sub>E</sub> X news	Mittelbach, Rowley, L <sup>A</sup> T <sub>E</sub> X Team	350
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	400
litt	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	290
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	275
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	196
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	538
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	350
ltx4yt	Play YouTube videos in the default browser	Story	464
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	372
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	146
ltxdoc	Class for documented L <sup>A</sup> T <sub>E</sub> X macro files	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
ltxdockit	Documentation support	Lehman	314
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	191
ltxgrid	Control of the page grid	Ogawa	376
ltxguidex	An extended ltxguide class	Turner	500
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	330
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	410
ltxinput	Find files input by a document	Green	237



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	359
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	506
ltxnew	A simple means of creating commands	Chervet	178
ltxtable	Longtable and tabularx merge	Carlisle	170
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	359
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	376
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	179
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	241
lua-physical	Functions and objects for the computation of physical quantities	Jenni	272
lua-tinyyaml	A tiny YAML (subset) parser for pure Lua	Lee	314
lua-typo	Highlighting typographical flaws with LuaLaTeX	Flipo	216
lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	260
luaul	Underlining for LuaLaTeX	Krüger	303
lua-uni-algos	Unicode algorithms for LuaTeX	Krüger	303
lua-visual-debug	Visual debugging with LuaLaTeX	Gundlach	241
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	178
lua2dox	Auto-documentation of lua code	Dales	188
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	300
luabibentry	Repeat BibTeX entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	299
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi- text GitHub Organisation, Spitzmüller	283
luacas	A computer algebra system for users of LuaLaTeX	All, Cochrane	131
luacensor	Securely redact sensitive information using Lua	Granet	235
luacode	Helper for executing lua code from within T <sub>E</sub> X	Pégourié-Gonnard	388
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	373
luacomplex	Operations on complex numbers inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luafindfont	Search fonts in the LuaTeX font database	Voß	524
luagcd	Computation of gcd of integers inside L <sup>A</sup> T <sub>E</sub> X using Lua	Chetan Shirore and Ajit Kumar	179
luahttp	Compile-time internet-interactive PDF-documents using Lua and Lu- aTeX	Casaburi	173
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezoz López	322
luaimageembed	Embed images as base64-encoded strings	Sachs	425
luaindex	Create index using LuaLaTeX	Kohm	297
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	422
luaintro	Examples from the book “Einführung in LuaTeX und LuaLaTeX”	Voß	524
luakeys	A Lua module for parsing key-value options	Friedrich	221
lualatex-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	389
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	388
lualatex-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	460
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	460
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	221
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	421
lualinalg	A linear algebra package for LuaLaTeX	Chetan Shirore and Ajit Kumar	179
luamathalign	More flexible alignment in amsmath environments	Krüger	303
luamaths	Provide standard mathematical operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	181
luamodulartables	Generate modular addition and multiplication tables	Chetan Shirore and Ajit Kumar	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luamplib	Use LuaTeX's built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	243
luanumint	Numerical integration using Lua inside L <sup>A</sup> T <sub>E</sub> X documents	Chetan Shirore and Ajit Kumar	179
luaoptions	Option handling for LuaL <sup>A</sup> T <sub>E</sub> X packages	Peron	389
luaotfload	OpenType 'loader' for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Roux, Hosny, Pégourié-Gonnard, Robertson, Gesang, L <sup>A</sup> T <sub>E</sub> X Team, Fischer, Krüger	422
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	273
luaplot	Plotting graphs using Lua	Chetan Shirore and Ajit Kumar	179
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	544
luapstricks	A PStricks backend for LuaLaTeX	Krüger	303
luaquotes	Smart setting of quotation marks	Granet	235
luarandom	Create lists of random numbers	Voß	524
luaset	Set Operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luaseq	Drawing spectral sequences in LuaLaTeX	Bauer	143
luatex-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	373
luatex	The LuaTeX engine	The LuaTeX Team	487
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	173
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	388
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	286
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	284
luatextra	Additional macros for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X in LuaTeX	Roux, Pégourié-Gonnard	422
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	319
luatruhtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Ajit Kumar	179
luavlina	Prevent line breaks after single letter words, units, or academic titles	Hoftich	260
luaxml	Lua library for reading and serialising XML files	Hoftich	260
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	524
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	433
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	499
lucold	Use old-style digits with Lucida fonts	Loreti	325
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	191
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	207
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	433
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	200
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	401
LXfonts	Set of slide fonts based on CM	Beccari	145
lxmail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	211
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	172
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	390
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	207
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	167
M-Tx	A preprocessor for pmx	Tennent, Laurie	484
m3D	Extension of plain MetaPost for 3D graphics	Phan	390
mæad	Mathematical Approximations and Documentation	Watson, Jr	249

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	403
macbibtex	BibTeX for the Macintosh	Darley	190
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	530
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	177
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	429
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	313
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	499
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	499
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	499
macdotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	211
mafr	Mathematics in accord with French usage	Obrecht	376
magaz	Magazine layout	Arseneau	135
magic	A font to go with the Magic(TM) game	Dörntge	196
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	373
magicwatermark	An easy and flexible way to set watermarks	Guo	242
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	434
mailing	Macros for mail merging	Braams	159
mailmerge	Repeating text field substitution	Frasson	220
make-env	Print USPS standard envelopes	Smith	452
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	144
make4ht	A build system for tex4ht	Hoftich	260
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	529
makebase	Typeset counters in a different base	Flynn	218
makebox	Defines a \makebox* command	Harders	248
makecell	Tabular column heads and multilined cells	Lapko	310
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	133
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	413
makecookbook	Make a Cookbook	Murphy, D'Amico	358
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	328
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	476
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	304
makeglos	Include a glossary into a document	Henlich	254
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	475
makeidx	Standard L <sup>A</sup> T <sub>E</sub> X package for creating indexes	L <sup>A</sup> T <sub>E</sub> X Team	490
makeindex	Process index output to produce typesettable code	Chen, Beebe	177
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	177
makelabels	Add a 'makelabels' feature to KOMA-Script letter classes and package	Kohm	297
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	520
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	436
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	467
makerobust	Making a macro robust (legacy package)	Oberdiek	373
makerobust209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	171
makeshape	Declare new PGF shapes	Robson	415
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	335
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	258
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	130
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	252
malayalam-omega	Typesetting Malayalam using Omega	Alex	130
maltese	Support input in Maltese	Farrugia	210
malvern	A sans-serif font family	Cugley	187
mandel	Compute the Mandelbrot set	Unknown	506
mandi	Macros for introductory physics and astronomy	Heafner	250
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	283
manjutex	Manju language support	Corff	185

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	177
manual	Knuth's "manual" fonts	Knuth, Hoekwater	294
manual209	A document style for manuals	Nieland	365
Manuscript	Emulate look of a document typed on a typewriter	Cepl	174
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X's footnote mechanism	Rozhenko	423
manyind	Provides support for many indexes	van der Kallen	276
mapcodes	Support for multiple character sets and encodings	Piotrowski	394
maple	Styles and examples for the MAPLE newsletter	Unknown	506
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	506
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
margbib	Display bibitem tags in the margins	Tinnefeld	494
marginal	Extensions to \marginpar handling	Tolušis	495
marginfit	Improved margin notes	Leclaire	312
marginfix	Patch \marginpar to avoid overfull margins	Hicks	256
marginnote	Notes in the margin, even where \marginpar fails	Kohm	297
marginnote	Make numbered notes in the margin	Greenwade	238
markdown	Converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	368
marnote	Place text in the margin of a document	McCauley	341
marvosym	Martin Vogel's Symbols (marvosym) font	Henlich, Vogel, Miklavec	254
matapli	Class for the french journal "MATAPLI"	Chupin	181
matc3	Commands for MatematicaC3 textbooks	Vrettos	528
matc3mem	Class for MatematicaC3 textbooks	Vrettos	528
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	191
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	524
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	236
mathabx-type1	Outline version of the mathabx fonts	Hotta	263
mathabx	Three series of mathematical symbols	Phan	390
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	444
mathalphabets	Chinese introduction to mathematical alphabets	Chao	176
mathastext	Use the text font in maths mode	Burnol	166
mathbbol	Use the bbold fonts in mathematics	Knappen	291
mathcmd	Mathematics support commands	Bosisio	157
mathcommand	\newcommand-like commands for defining math macros	Colcombet	183
mathcomp	Text symbols in maths mode	Böß	158
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	390
mathdots	Commands to produce dots in math that respect font size	Luecking	329
mathematica	Support for fonts distributed with Mathematica	Kuska	306
mathesatz-examples	Examples from the book "Mathematiksatz mit L <sup>A</sup> T <sub>E</sub> X"	Voß	524
mathexam	Package for typesetting exams	Hlavacek	257
mathfam256	Extend math family up to 256 for pLaTeX/upLaTeX/Lamed	Yamashita	545
mathfixs	Fix various layout issues in math mode	Beisert	148
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	300
mathgifg	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	517
mathinst	Merge font families to create mathematical font sets	Hoenig	258
mathkit	Generate maths fonts to match outline fonts	Hoenig	258
mathlig	Define maths "ligatures"	Bean	144
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	407
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	399
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	432
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	271
mathptmx	Use Times as default text font, and provide maths support	Schmidt, Jeffrey, Rahtz, Vieth, L <sup>A</sup> T <sub>E</sub> X Team	433
mathpunctspace	Control the space after punctuation in math expressions	Kieda	283
mathrsfs	Support for using RSFS fonts in maths	Knappen	291
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	172

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	550
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	500
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	150
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	514
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	353
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	471
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	129
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	197
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	218
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	350
mathtime-metrics	MathTime AFM files	Unknown	506
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	317
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	261
MathTrip	A trip to the wonderful world of mathematics	Aubord	138
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	520
matlab-prettyfier	Pretty-print Matlab source code	Cretel	186
matlabweb	Literate programming system for Matlab	Potse	397
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dubout	199
mattens	Matrices/tensor typesetting	Els	205
mattex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	453
maybeload	Prevent reloading of files	Unknown	506
maybemath	Make math bold or italic according to context	Buckley	164
maze	Generate random mazes	Du	199
mbboard	Comprehensive blackboard bold fonts	Phan	390
mnotes	Notes in tables or images	Borck-Elsner	156
mboxfill	Fill free space with a pattern	Rozhenko	423
mcaption	Put captions in the margin	Hennig	255
mceinleger	Creating covers for music cassettes	Benischke	149
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	512
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	545
mcite	Multiple items in a single citation	Ohl	377
mciteplus	Enhanced multiple citations	Shell	446
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	264
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	312
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	190
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	517
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	437
mdvi	A DVI previewer	Atria	137
mdwfonts	A model for font manipulation	Wooding	541
mdwlist	Miscellaneous list-related commands	Wooding	541
mdwmath	Some maths extensions	Wooding	541
mdwtabs	A reimplementation of tabular and array environments	Wooding	541
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	541
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	192
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	234
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	234
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	305
meetingmins	Format written minutes of meetings	Beitzel	149
megatape	Make cassette tape labels	Nickel	363
mem	A multilingual system for Lamed	Bezos López	322
membranecomputing	Membrane Computing notation	Orellana Martín	337
memdesign	Notes on book design	Wilson, Madsen	539



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
memexsupp	Experimental memoir support	Madsen	334
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	539
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	506
memo2	A memo document style	McPherson	343
memo209	A memo document style	Roth	419
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	539
MemoirChapterSt...	Chapter styles in memoir class	Madsen	334
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	554
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	459
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	270
mensa-tex	Typeset simple school cafeteria menus	Friedl	221
mentis	A basis for books to be published by Mentis publishers	Verweyen	515
menu	Typesetting menus	Lickert	318
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	220
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	532
MEP_article	Class for Mechanical Engineering Publications	Balemi	139
meper	MetaPost editor and previewer	Pan	384
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	466
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	342
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
messagebubbles	Display message bubbles as a conversation	Harrer	249
messagepassing	Draw diagrams to represent communication protocols	Vassor	513
meta-mode	Emacs mode for Metafont/post	Vieth	519
metafont-beginners	An introductory tutorial for Metafont	Tobin	495
Metafont	A system for specifying fonts	Knuth	293
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	538
metago	MetaPost output of Go positions	Zheng	553
metainfo	Typeset document outline with metainfo	Sauer	427
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	353
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	200
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	160
metaobj	MetaPost package providing high-level objects	Roegel	415
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	353
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	493
MetaPost_examples	Example drawings using MetaPost	Zoonekynd	555
metapost-matlab	MetaPost data plotting in Matlab style	Yang	546
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	487
metastr	Store and compose strings	Beisert	148
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	173
metatype1	Generate Type 1 fonts from MetaPost	JNS team	273
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	226
method	Typeset method and variable declarations	Leineweber, Drucbert	315
metre	Support for the work of classicists	Boggio-Togna	155
metrix	Typeset metric marks for Latin text	Weh	532
metsymb	The package provides dedicated T <sub>E</sub> X commands to generate (vectorial) meteorological symbols	Vogt	521
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	407
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	269
mf-ps	Metafont-PostScript conversions	Jackowski	267
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	546
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	382
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	470
mf2tex	Add labels into drawings created with Metafont	Spalek	455
mfbook	The source of The Metafontbook	Knuth	293

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mff-util	Metafont management	Cugley	187
mff	Multiple font formats	Berdnikov, Turtia	150
mfistuc	Uppercase the first letter of a word	Talbot	475
mflogo-font	Metafont logo font	Knuth, Hoekwater	295
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	519
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	262
mfnfss	Packages to typeset oldgerman and pandora fonts in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	330
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	336
mftinc	Pretty-print Metafont source	Pakin	382
mftrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	365
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	295
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	305
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	520
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	260
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	530
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	255
mhqu	Multicolumn equations, tags, labels, sub-numbering	Hairer	243
mhs	Historical mathematics	Brix	162
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	334
mi-solns	Extract solutions from exercises and quizzes	Story	464
miama	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	417
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	346
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	437
microtype	Subliminal refinements towards typographical perfection	Schlicht	431
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	295
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	495
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	307
midnight	A set of useful macro tools	van der Goot	233
midpage	Environment for vertical centring	Robertson, Wilson	413
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	330
miktex-portable	A version of MikTeX to carry around	Schenk	430
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	430
miktex_update	A cygwin bash script for automatic updating and installing new packages of MikTeX	Kleber	287
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	236
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	236
miller	Typeset miller indices	Harders, Pedersen	248
milog	A L <sup>A</sup> T <sub>E</sub> X class for fulfilling the documentation duties according to the German minimum wage law MiLoG	Kleber	287
milstd	Generate documents according to MIL STD 490	McPherson	343
MilSymb	L <sup>A</sup> T <sub>E</sub> X package for TikZ based drawing of military symbols as per NATO APP-6(C)	Crosby	187
minetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	218
mindflow	Write your ideas in a clear way	XU	544
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	411
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	312
minifp	Fixed-point real computations to 8 decimals	Luecking	329
miniltx	An abstract of L <sup>A</sup> T <sub>E</sub> X facilities for use with Plain T <sub>E</sub> X	Carlisle, Berry	172
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	407
minim-math	Extensive maths for LuaTeX	Renkema	408

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
minim-mp	Low-level mplib integration for LuaTeX	Renkema	408
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	408
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	408
minim	A modern plain format for the LuaTeX engine	Renkema	407
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	490
minimalist	Write your articles or books in a simple and clear way	XU	544
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	444
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	154
minipage-marginpar	Minipages with marginal notes	Ebermann	201
MiniPlot	A package for easy figure arrangement	Wahl	529
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	198
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	241
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	396
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	482
minutes	Typeset the minutes of meetings	Lickert	318
mirr	PostScript mirror header (for dvips)	BOP	156
mismath	Miscellaneous mathematical macros	Missier	349
missaali	A late medieval OpenType textura font	Syrjänen	469
mitpress	Typeset documents for MIT Press	Unknown	506
mitthesis	A L <sup>A</sup> T <sub>E</sub> X template for an MIT thesis	Lienhard	318
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	191
mkbangtex	A preprocessor for BangTeX	Ray	404
mkbib	BibTeX file creator	Banerjee	140
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	373
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	410
mkpic	Perl interface to mfpic	Dekker	191
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	134
mkstmp	Provides a simple workflow for creating custom stamps	Story	464
mla-paper	Proper MLA formatting	Aycock, Wheelwright	138
mla	MLA BibTeX styles	Weissert, Shaw	533
mlacsls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	398
mlawriter	Write MLA style documents in Plain T <sub>E</sub> X	Wang	530
mlbib	Support for multilingual bibliographies	Matiaske	339
mlefttright	Variants of delimiters that act as maths open/close	Oberdiek	373
mlist	Logical markup for lists	Robertson	411
MLMath	Mathematical notation for Machine Learning	Ma	333
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	348
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	403
mltex	The MLTeX system	Raichle, Ferguson	403
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathematik/Informatik Uni Halle	207
mm	A jiffy Multiple Master tool	Goossens, Rahtz	233
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	227
mmafm	Font metrics for multiple-master font	Kohler	295
mmap	Include CMap resources in PDF files from pdfTeX	Moore	352
mpfb	Create instance of multiple-master font	Kohler	295
mmtools	Multiple master fonts tools	Kohler	295
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	143
mnotes	Margin annotation for collaborative writing	Luz	332
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	541
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube, Jones	422
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	154
mnttex	Tools for the "The Secret History of the Mongols"	Corff	185

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	440
moderncv	A modern curriculum vitae class	Danaux, Lachnit	189
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	192
moderntimeline	Timelines for use with moderncv	Pinson	394
modes	A collection of Metafont mode_def's	Berry	151
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
modiagram	Drawing molecular orbital diagrams	Niederberger	364
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	144
modroman	Write numbers in lower case roman numerals	Henel	254
modular	Relative section headings for modular documents	Sank	426
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	232
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	383
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	143
monofill	Alignment of plain text	Lück	328
monster	Obsolete name for Frankenstein	Swift	468
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	185
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	444
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	253
moonphase	Font for representing the phases of the moon	Brabec	160
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	468
moreenum	More enumeration options	Bradley	160
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	262
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	306
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	328
moresize	Allows font sizes up to 35.83pt	Cornelissen	186
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	209
morewrites	Always room for a new write stream	Le Floch	217
morisawa	Enables selection of 5 standard Japanese fonts for pL <sup>A</sup> T <sub>E</sub> X + dvips	Japanese T <sub>E</sub> X Team	270
morse	Support for printing Morse code signs	Heyl	256
movement-arrows	Drawing movement arrows on linguistic example sentences	Munn	356
movie15	Multimedia inclusion package	Grahn	234
threed	3D animations	Roegel	416
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	500
mparrows	MetaPost module with different types of arrow heads	Jørgensen	274
mpattern	Patterns in MetaPost	Bolek	155
MPchess	Drawing chess boards and positions with MetaPost	Chupin	181
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	255
mpdinbrief	An enhanced version of dinbrief	Pilzecker	394
MPEdit	MetaPost text editor for Win32	Vabishchevich	511
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	348
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	282
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	258
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	148
MPStoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	253
mptrees	Probability trees with MetaPost	Péault	387
mrcheckbib	A BibTeX file verification tool	Cagnol	168
mrecog	Recognise un-escaped command names in maths	Wentworth	533
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	437
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	193
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	225

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mslapa	Michael Landy's APA citation style	Landy	309
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	356
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	506
msym	A partial implementation of the old msym10 font	Horn	261
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	319
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	156
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	460
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	494
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	456
mucproc	Conference proceedings for the German MuC-conference	Peischl	389
mugsthesis	Thesis class complying with Marquette University Graduate School requirements	Gessler	226
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	506
multenum	Multi-column enumerated lists	Kletzing	290
multiaudience	Several versions of output from the same source	Veytsman	517
multibbl	Multiple bibliographies	Syropoulos	470
multibib	Multiple bibliographies within one document	Hansen	245
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	183
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	280
multicap	Format captions inside multicols	Vassilogiorgakis	513
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	379
multicolrule	Decorative rules between columns	Hagen	243
multidef	Quickly define several similar macros	Markey	337
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	550
multienv	Multiple environments using a "key=value" syntax	Scharrer	429
multiexpand	Variations on the primitive command \expandafter	Le Floch	217
multifootnote	Multiple numbers for the same footnote	XU	545
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	239
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	321
multiobjective	Symbols for multiobjective optimisation etc	Martí	337
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	405
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	379
multitoc	Set table of contents in multiple columns	Schröder, Peischl	437
munich	An alternative authordate bibliography style	Brixner	162
musical	Typeset (musical) theatre scripts	Howell	263
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	174
musictex	Typesetting music with T <sub>E</sub> X	Taupin	478
musikui	Easy creation of "arithmetical restoration" puzzles	Kaneko	277
musixguit	Easy notation for guitar music, in MusixTeX	Niederberger	364
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	203
musixtex-fonts	Fonts used by MusixTeX	Tennent, Uchiyama, Taupin	484
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	500
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	484
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	482
musuos	Typeset papers for the department of music, Osnabrück	Weh	532
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	234
mversion	Keeping track of document versions	Schmeing	431
mwcls	Polish-oriented document classes	Woliński	541
mwe	Packages and image files for MWEs	Scharrer	429



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mweights	Support for multiple-weight font packages	Tennent	482
mwrite	Write information to files	Creutzig	187
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	185
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	251
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	364
mycv	A list-driven CV class, allowing TikZ decorations	Gherzi	226
myfilist	Configuring the output of the \listfiles command	Lück	328
mylatex	Make a format containing a document’s preamble	Carlisle	171
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	178
myletter	An old letter class	Kielhorn	283
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	399
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	351
na-box	Arabic-aware version of pas-cours package	Mohamed	351
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	351
nabatean	Font for Nabatean script	Wilson	538
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	439
nahuatl	Render nahuatl glyphs	Alvarez Zavala	551
naive-ebnf	EBNF in plain text	Bugayenko	165
nameauth	Name authority mechanism for consistency in body text and index	Schaum	430
named	”Named” bibliography style	Patel-Schneider	387
namedef	TeX definitions with named parameters	Oleinik	377
namedtensor	Macros for named tensor notation	Chiang	179
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	375
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	197
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	506
nanicolle	Typesetting herbarium specimen labels	Yang	546
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	284
nar	BibTeX style for Nucleic Acid Research	Schneider	435
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	319
natbib	Flexible bibliography support	Daly, Ogawa	189
natded	Typeset natural deduction proofs	Ajalooeian	129
Nath	Natural mathematics notation	Marvan	337
natmove	Move punctuation following a citation	Wright, Arseneau	543
nature	Prepare papers for the journal Nature	Czoschke	187
navigator	PDF features across formats and engines	Isambert	266
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	415
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	347
nbaseprt	Print numbers in non-decimal bases	Harders	248
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	517
nccbbb	”Poor man’s” blackboard bold	Rozhenko	423
nccboxes	Elaborate box commands	Rozhenko	423
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	423
ncccropbox	Crop-marked boxes	Rozhenko	423
ncccropmark	Draw cropmarks on the output page	Rozhenko	423
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	423
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	423
nccfoots	User-generated footnote marks	Rozhenko	423
NCC-LaTeX	An extended general-purpose class	Rozhenko	423
nccmath	Extended mathematics capabilities	Rozhenko	423
nccparskip	Modify skips between paragraphs	Rozhenko	423
nccpic	Extend the graphicx package for more formats	Rozhenko	423

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nccrules	Compose dashed lines	Rozhenko	423
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	423
nccstretch	Insert a stretch between each token of a string	Rozhenko	424
nccthm	Another theorem environment	Rozhenko	424
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	424
nChairX	Maths macros from chair X of Würzburg University	Dippell	194
nddiss	Notre Dame Dissertation format class	Vijay, Brower	520
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	169
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	493
NEdit-L <sup>A</sup> T <sub>E</sub> X-Ext...	The L <sup>A</sup> T <sub>E</sub> X-Mode is a set of macros for the NEdit text editor	Fischer	215
needspace	Insert pagebreak if not enough space	Robertson, Wilson	413
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	500
nemocal	Calendar maker	Jeong	272
nestquot	Alternate quotes between double and single with nesting	Hars	249
neufont	New font installation	Lorenz	325
neuralnetwork	Graph-drawing for neural networks	Cowan	186
neuron	BibT <sub>E</sub> X style for the journal Neuron	Rizzuto	410
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	154
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	210
newapa	Another APA citation mechanism	Spencer, Ryu	455
newcastle-bst	A BibT <sub>E</sub> X style to format reference lists in the Harvard at Newcastle style	Briggs	161
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	468
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	382
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	498
newenvron	Processing an environment's body	Musa	359
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	414
newfloat	Define new floating environments	Sommerfeldt	454
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	362
newl <sub>fm</sub>	Write letters, facsimiles, and memos	Thompson	493
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	215
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	393
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	444
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	230
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	131
newthm	Obsolete version of ntheorem	Schlechte	431
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	444
newtxsf	Sans-math fonts for use with newtx	Sharpe	444
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	444
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	238
newvbtm	Define your own verbatim-like environment	Nakashima	360
newverbs	Define new versions of \verb, including short verb versions	Scharrer	429
nextpage	Generalisations of the page advance commands	Robertson, Wilson	414
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	524
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	406
nfssfont	Typesetting font tables using L <sup>A</sup> T <sub>E</sub> X's NFSS notation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
ngerman	Support for new German typography	Raichle	403
nicefilelist	Provide \listfiles alignment	Lück	328
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	406
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	366
niceframe	Support for fancy frames	Ohlhaut	377
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	384
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	328
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	328

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	270
nih	A class for NIH grant applications	Donald	195
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	334
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	444
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	422
ninecolors	Select colors with proper WCAG color contrast	Lyu	332
NJUrepo	Reports for Nanjing University	Zheng	553
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	553
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	553
njuvisual	Display logos related to Nanjing University	Xiong	544
nkarta	A "new" version of the karta cartographic fonts	Luecking	329
nl-interval	Represent intervals on the number line	Neves	362
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	261
nlctdoc	Package documentation class	Talbot	475
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	518
nn draw	Draw neural networks	Dias	194
nnext	Extension for the gb4e package	LaCara	308
nnfootnote	"No number" footnotes	Ellison	204
noconflict	Resolve macro name conflict between packages	Hossain	263
nodetree	Visualize node lists in a tree view	Friedrich	222
nofill	Preserve spaces and line breaks when setting text	Unknown	506
nohyph	Norwegian hyphenation	Kleveland, Selberg, Hufthammer	290
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	290
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	253
noitcrul	Improved underlines in mathematics	Ebermann	201
noibreaks	No line breaks in text	Arseneau	135
nomencl	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan, Netherton, Schandl	518
nomentbl	Nomenclature typeset in a longtable	Elmegaard	204
non-decimal-units	Display and manipulate historical non-decimal units	Eriksen	206
nonfloat	Non-floating table and figure captions	Rascher	404
nonumonpart	Prevent page numbers on part pages	Henel	254
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	171
noprot	Avoid the need for protection	Sozuer	455
norbib	Norwegian bibliography styles	Langmyhr	310
normalcolor	Changing \normalcolor	Kohm	297
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	518
notes	Mark sections of a document	Webb	532
notes2bib	Integrating notes into the bibliography	Wright	542
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	279
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	193
noTeX-bst	A BibTeX style that outputs HTML	Vigna	519
noto-emoji	Noto Emoji fonts	Zeng	552
noto	Support for Noto fonts	Tennent	483
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	135
notoCJKsc	This package provides Noto CJK fonts	Zhou	554
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	483
notomath	Math support for Noto fonts	Sharpe	444
novel	Class for printing fiction, such as novels	Allgeyer	131
noweb	A simple extensible literate programming tool	Ramsey	403
nowidow	Avoid widows	Pinson	394
nox	Adaptable tables	Borck-Elsner, Schöpf	156
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	427

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nrc	Class for the NRC technical journals	Fairbairns, Thiele	209
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	466
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	360
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	506
ntgclass	"European" versions of standard classes	Eijkhout, Braams	204
nth	Generate English ordinal numbers	Arseneau	135
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	265
ntheorem	Enhanced theorem environment	May, Schedler	340
NTS-L	NTS mailing list digests	Unknown	506
NTS	New Typesetting System	The NTS Project	487
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	291
nuc	Notation for nuclear isotopes	Davis	190
nucleardata	Provides data about atomic nuclides for documents	Nettles	361
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	338
numberedblock	Print a block of code, with unique index number	Segletes	441
numberpt	Counters spelled out in Portuguese	Frasson	220
numending	Generates morphological end of units	Kirillova	286
numera-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	386
numera-tables	Create multi-column tables of mathematical functions	Parsloe	386
numera	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	386
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	299
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	269
numname	Convert a number to its English expression	Swamidass	467
numameru	Converts a number to the russian spelled out name	Vit	520
numprint	Print numbers with separators and exponent if necessary	Harders	248
numspell	Spelling cardinal and ordinal numbers	Tómacs	496
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	225
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	153
<b>00000</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	538
obas	Web based interface to a bibliographical database	van Heerden	250
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	373
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	402
obnov	Obyknovennaya Novaya fonts	Solomykov	454
obsolete	A tree holding obsolete software	Unknown	506
oca	OCR A font	Wales	529
occam	Strip unnecessary macros from a file	Siebenmann	448
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	534
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	337
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	223
ocgx2	Drop-in replacement for 'ocgx' and 'ocg-p'	Grahn	234
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	290
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	470
ocr-a	Fonts for OCR-A	Wales, Lillqvist	529
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	529
ocr-b	Fonts for OCR-B	Schwarz	439
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	274
octave	Typeset musical pitches with octave designations	Cashner	174
octavo	Typeset books following classical design and layout	Revets	408
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	260
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	138

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ofntinst	Install Type 1 for use with Omega	Kryukov	303
ofs	Macros for managing large font collections	Olšák	378
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	459
ogonek	Support for Polish typography and the ogonek	Bień	152
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	470
okuda	Fonts for Klingon	Kummer, Shoulson	306
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	196
old-faq-en	An early FAQ in English	Bodenheimer	154
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	343
oldlatin	Compute Modern-like font with long s	Terashita	484
oldprsn	Fonts old Persian cuneiform script	Wilson	538
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	304
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	208
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	497
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	378
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	246
12many	Generalising mathematical index sets	Schwarz	439
OneDown	Typeset Bridge Diagrams	Wiersma	535
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	393
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using ams-math	Harders	248
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	340
oops	A framework for making definitions, typically mathematical, inline	Rogard	416
opacity-pro	Set transparency and blend mode	Story	464
opcit	Footnote-style bibliographical references	Garcia-De Castro	174
opencolor	Definitions from the Open Color library	Piazzai	390
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	352
oPlotSymbl	Some symbols which are not easily available	Döhring	195
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	202
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	378
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	249
optidef	Environments for writing optimization problems	Lago Garcia	224
optional	Facilitate optional printing of parts of a document	Arseneau	135
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	315
optparams	Macros with multiple optional parameters	Sauer	427
orcidlink	Insert hyperlinked ORCID logo	Stein	460
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	448
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	184
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	220
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	398
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	348
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	252
orkhun	A font for orkhun script	Rakhimov	403
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	289
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	379
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	459
OSDA	Commands for Proceedings of the Workshop on Open-Source Design Automation	Krieg	302
osmanian	Osmanian font for writing Somali	Stanier	458
oststud	Templates for the student organization at OST FH, Switzerland	Pross	398
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	139
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	401
OT2Woff	OpenType to Woff converter	Frane Jr	275
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	380
otftofd	Generate control files for OpenType fonts	Washburn	531
othello	Modification of a Go package to create othello boards	le Comte	184
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	244
oubraces	Braces over and under a formula	Arseneau	135
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	273
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	214
OutilsGeomTikZ	Some geometric tools, with TikZ	Pierquet	391
outline	List environment for making outlines	Halvorson, Flaxman	244
outliner	Change section levels easily	Eijkhout	203
outlines	Produce "outline" lists	Pecheur	387
outlining	Create outlines for scientific documents	Block	154
oval	Round-cornered framed boxes	Schalück	428
ovalfbox	Boxes with frames whose corners are rounded	Unknown	506
overarrows	Custom extensible arrows over math expressions	Labbé	307
overcite	Compressed lists of superscript numerical citations	Arseneau	135
overlays	Incremental slides	Nolda	367
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	366
overrightarrow	Doubled "over" arrow	Kilfiger	284
overword	Parse text	Bennett	150
oxford	A BibTeX style geared for use in the humanities	Antman	133
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	325
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	345
oztex	TeX for the Macintosh	Trevorrow	497
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	538
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	483
padcount	Pad numbers with arbitrary characters	Goodman	232
pagecolor	Interrogate page color	Münch	355
pagecont	Page numbering that continues between documents	Frasson	220
pagedraw	Drawing program with EPS output	Karunakaran	278
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	430
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	452
pagegrid	Print page grid in background	Oberdiek	373
pagelayout	Layout graphic rich documents	Bartels	141
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	524
pageno	Page number-only page styles	McDonnell	342
pagenote	Notes at end of document	Robertson, Wilson	414
pagerange	Flexible and configurable page range typesetting	Musa	359
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	501
pagesel	Select pages of a document for output	Oberdiek	373
pageslts	Variants of last page labels	Münch	355
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	401
palette	Create palettes for colors and symbols that can be swapped in	Chen	177
palladam	A Tamil font for Macintosh users	Govindaraj	234
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	274
pandora-type1	The Pandora font family	McPhee, Billawalla	343
pandora	The Pandora font family	Billawalla	152
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	553

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
panneauxroute	Commands to display French road signs (vector graphics)	Pierquet	391
paper	Versions of article class, tuned for scholarly publications	Matiaske	339
papercdcase	Origami-style folding paper CD case	Dussa	200
papermas	Compute the mass of a printed version of a document	Münch	355
papertex	Class for newspapers, etc	Llopis	320
PapierGurvan	Commands to work with Gurvan Paper	Pierquet	391
paracol	Multiple columns with texts “in parallel”	Nakashima	360
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	385
paragraphs	Paragraph “tricks” macros	Unknown	507
paralist	Enumerate and itemize within paragraphs	Schandl	428
parallel	Typeset parallel texts	Eckermann	202
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	210
parboxx	Two extra alignment options for \parbox	Knappen	291
parcolumns	Multiple column parallel typesetting	Sauer	427
paresse	Define simple macros for greek letters	Henel	254
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	282
parnotes	Notes after every paragraph (or elsewhere)	Hughes	264
parrun	Typesets (two) streams of text running parallel	Dominici	195
parsa	A X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	404
parselines	Apply a macro to each line of an environment	Chervet	178
parsimatn	Contemporary Persian font for scientific and formal writings	Kazemi	279
parsinevis	“Scheherazade New” adapted for Persian typesetting and scientific writings	Kazemi	279
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	209
pas-cours	Macros useful in preparing teaching material	Pasquet	386
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	386
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	386
pas-tableur	Create a spreadsheet layout	Pasquet	386
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	226
passivetex	Support package for XML/SGML typesetting	Rahtz	402
patch	Patch loaded packages, etc.	Kastrup	278
patchcmd	Change the definition of an existing command	Downes	197
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	318
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	246
path	Typeset paths, making them breakable	Taylor	479
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	201
pawpict	Using graphics from PAW	Holm Christensen	180
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	376
pb-diagram	A commutative diagram package using LAMST <sub>E</sub> X or Xy-pic fonts	Burchard	165
pbalance	Balance last page in two-column mode	Lago	308
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	334
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	270
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	141
pbmto gf	Convert PBM images to GF font files	Wong	541
PBMtoPK	Conversion between PBM and PK formats	Duggan	199
pbox	A variable-width \parbox command	Law	312
pbsheet	Problem sheet class	Chafai	175
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	518
pcfons	Hebrew fonts for use on DOS PCs	Porrat	396
pclnfss	Font support for current PCL printers	Harcke	247
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	149

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdcmac	Damian Cugley's document tools	Cugley	187
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	301
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	243
pdf-trans	A set of macros for various transformations of TeX boxes	Jackowski	269
pdf14	Restore PDF 1.4 to a TeX live 2010 format	Pégourié-Gonnard	388
pdfarticle	Class for pdf publications	Paciorek	380
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	204
pdfbook2	Create booklets from PDF files	Neumann	362
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	373
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	373
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	373
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	373
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	373
pdfcomment	A user-friendly interface to pdf annotations	Kleber	287
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	438
pdfcrop	Crop PDF graphics	Oberdiek	373
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	373
pdfescape	Implements pdfTeX's escape features using TeX or e-TeX	Oberdiek	373
pdfextra	Extra PDF features for (Op)TeX	Vlasák	521
pdfjam	Shell scripts interfacing to pdftypes	Firth, Thomas	215
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	536
pdfscape	Make landscape pages display as landscape	Oberdiek	374
pdfmanagement-t...	L <sup>A</sup> TeX PDF management testphase bundle	L <sup>A</sup> TeX Team	490
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	212
pdfmsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	507
pdfoverlay	A L <sup>A</sup> TeX style for overlaying text on a PDF	Purton	399
pdfpagediff	Find difference between two PDF's	Radhakrishnan	400
pdfpages	Include PDF documents in L <sup>A</sup> TeX	Matthias	340
pdfpc-movie	Pdftoc viewer-compatible hyperlinks to movies	Friedl	221
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	458
pdfprivacy	A L <sup>A</sup> TeX package to remove or suppress pdf meta-data	Sion	450
PDFrack	Use psfrag with pdfLaTeX	Boyer	159
pdfrender	Control rendering parameters	Oberdiek	374
pdfreview	Annotate PDF files with margin notes	Palmer	384
pdfscreen	Support screen-based document design	Radhakrishnan	400
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	400
pdfsync	Provide links between source and PDF	Laurens	311
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	172
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	410
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	284
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	301
pdftex	A TeX extension for direct creation of PDF	Thành, The pdfTeX Team, TeXLive	485
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	374
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	401
pdftricks2	Use PSTricks in pdfTeX	Reibiger	406
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	401
pdfxup	Create n-up PDF pages with minimal margins	Markey	337
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	270
pedigree-perl	Generate TeX pedigree files from CSV files	Veytsman, Akhmadeeva	518
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> TeX users	Ewasiuk	207

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
penlightplus	Additions to the Penlight Lua libraries	Ewasiuk	207
penrose	A TikZ library for producing Penrose tilings	Stacey	457
perception	BibTeX style for the journal Perception	Singer	450
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	356
perltex	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	383
permute	Support for symmetric groups	Heinz	251
perpage	Make a counter reset at every page boundary	Kastrup	278
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	132
petiteannonce	A class for small advertisements	Belaïche	149
Petri-nets	A set T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X packages for drawing Petri nets	Pommereau	396
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	156
pfarrei	L <sup>A</sup> T <sub>E</sub> X support of pastors' and priests' work	Kohm	297
pficons	Draw process flow diagrams in chemical engineering	Drews	197
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	310
pfnote	Number footnotes per page	Nakashima	360
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	397
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	399
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	532
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	231
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	487
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	192
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	231
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	549
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	487
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tantau, Feuersänger, Menke	487
pgfgantt	Draw Gantt charts with TikZ	Skala	451
pgfkeys	Key value control for PGF	Tantau	477
pgfkeyx	Extended and more robust version of pgfkeys	Musa	359
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	457
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	451
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	457
pgfopts	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	542
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	318
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	339
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	212
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	212
pgothic	Fonts based on the Gothic Textura Prescisus manuscript book-hand	Wilson	538
phaistos	Disk of Phaistos font	Syropoulos	470
phfcc	Convenient inline commenting in collaborative documents	Faist	209
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	209
phffullpagefigure	Figures which fill up a whole page	Faist	209
phfnote	Basic formatting for short documents	Faist	209
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	209
phfqit	Macros for typesetting Quantum Information Theory	Faist	209
phquotetext	Quote verbatim text without white space formatting	Faist	210
phfsvnwatermark	Watermarks with version control information from SVN	Faist	210
phfthm	Goodies for theorems and proofs	Faist	210
philex	Cross references for named and numbered environments	Pagin	381
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	471
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	518
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	538
phoncard	Format telephone number lists	Greening	237
phonenumber	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	533

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	387
phonrule	Typeset linear phonological rules	Coretta	184
photo	A float environment for photographs	Kuhlmann	304
photobook	A document class for typesetting photo books	Naanou	359
phy-bstyles	A collection of BibTeX styles for physics journals	Karney, Bode	278
physconst	Macros for commonly used physical constants	Mulligan	355
physe	The PHYSE format	Breitenlohner	161
physics	Macros supporting the Mathematics of Physics	de la Barrera	141
physics2	Macros for typesetting maths faster and more simply	Zhang	553
physunits	Macros for commonly used physical units	Mulligan	355
physymb	Assorted macros for Physicists	Zaslavsky	551
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	277
pi	Calculate pi	Roegel	416
piano	Typeset a basic 2-octave piano diagram	Daneault	190
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	455
picins	Insert pictures into paragraphs	Bleser	153
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	294
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	225
pictex-autoarea	Automatic computation of bounding boxes with PiCTeX	Lück	328
PicTeX	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	535
pictex2	Adds relative coordinates and improves the \plot command	Park	385
PicTeXsum	A summary of PicTeX commands	Duggan	199
pictexwd	A patched version of PicTeX using fewer registers	Schrell	436
picture	Dimens for picture macros	Oberdiek	374
piechart	Simple pie-charts with PSTricks	Girou	229
piechartmp	Draw pie-charts using MetaPost	Morawski	353
piff-ams	Early macros for using AMS fonts	Piff	393
piff	Macro tools by Mike Piff	Piff, Carlisle	393
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	434
pigpen	A font for the pigpen (or masonic) cipher	Corff	185
pinlabel	A T <sub>E</sub> X labelling package	Rourke	421
pinouTikZ	Draw chip pinouts with TikZ	Blazek	153
pitex	Documentation macros	Isambert, Robbers	267
piton	Typeset Python listings with LPEG	Pantigny	384
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	174
pitthesis	Document class for University of Pittsburgh theses	Kim	285
pixelart	Draw pixel-art pictures	Paternault	387
PixelArtTikz	Work with PixelArts, with TikZ	Pierquet	391
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	530
pkfind	A ‘find’ command which understands pk files	Vojta	521
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	383
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	374
pkgcheck	CTAN package checker	Lotz	326
pkgloader	Manage the options and loading order of other packages	Helvensteijn	253
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	514
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	417
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	269
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	362
placeat	Absolute content positioning	Trautmann	497
placeins-plain	Insertions that keep their place	Arseneau	135
placeins	Control float placement	Arseneau	135
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	162
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	171
plain	The Plain T <sub>E</sub> X format	Knuth	294



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
plainmisc	Miscellaneous contributed macros for plain $\TeX$	Unknown	507
plainpkg	A minimal method for making generic packages	Lück	328
plainyr	Plain bibliography style, sorted by year first	Perrone	390
plantslabels	Write labels for plants	Merciadri	345
plantuml	Support for rendering UML diagrams using PlantUML	Kopp	299
plari	Typesetting stageplay scripts	Kaijanaho	276
plates	Arrange for "plates" sections of documents	Tanbakuchi	477
platex-tools	$\text{p}\text{L}\text{A}\text{T}\text{E}\text{X}$ standard tools bundle	Yamashita	545
platex	$\text{p}\text{L}\text{a}\text{T}\text{e}\text{X}2\text{e}$ and miscellaneous macros for $\text{p}\text{T}\text{E}\text{X}$	Maeda, Japanese $\text{T}\text{E}\text{X}$ Team	334
platexcheat	A $\text{L}\text{A}\text{T}\text{E}\text{X}$ cheat sheet, in Japanese	Asakura	137
plautopatch	Automated patches for $\text{p}\text{L}\text{a}\text{T}\text{E}\text{X}/\text{up}\text{L}\text{a}\text{T}\text{E}\text{X}$	Yamashita	546
play-font	The Play font face with support for $\text{L}\text{A}\text{T}\text{E}\text{X}$ and $\text{pdf}\text{L}\text{a}\text{T}\text{E}\text{X}$	Ebinger	202
play	Typeset drama using $\text{L}\text{A}\text{T}\text{E}\text{X}$	Kilfiger	284
playcards	A simple template for drawing playcards	Pagès	381
playfair	Playfair Display fonts with $\text{L}\text{A}\text{T}\text{E}\text{X}$ support	Tennent	483
plcalendar	Plain macros for making nice calendars	Unknown	507
plex-otf	Support for the OpenType font IBM Plex	Voß	524
plex	Support for IBM Plex fonts	Tennent	483
plfonts	Polish extension to Computer Modern fonts	Unknown	507
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	299
plimsoll	Fonts with the Plimsoll symbol and $\text{L}\text{A}\text{T}\text{E}\text{X}$ support	Jørgensen	274
plipsum	'Lorem ipsum' for Plain $\text{T}\text{E}\text{X}$ developers	Spina	455
plnfss	Font selection for Plain $\text{T}\text{E}\text{X}$	Thành, Konecny, Kotucha	485
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	368
plstmary	St. Mary's Road font support for plain $\text{T}\text{E}\text{X}$	Luecking	329
pm-isomath	Poor man ISO math for $\text{pdf}\text{L}\text{A}\text{T}\text{E}\text{X}$ users	Beccari	145
pmat	Typeset partitioned matrices	Oliveira e Silva	449
pmboxdraw	Poor man's box drawing characters	Oberdiek	374
pmcstex	$\text{L}\text{A}\text{T}\text{E}\text{X}$ in $\text{em}\text{T}\text{E}\text{X}$ IDE/FrontEnd for EPM	Mikulik	346
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	464
pmddl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	398
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	150
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	285
pmtex	Preprocessor for Music $\text{T}\text{E}\text{X}$	Simons	450
pmx	Preprocessor for Musi $\text{X}\text{T}\text{E}\text{X}$	Simons, Tennent	450
pmxchords	Produce chord information to go with pmx output	Fafejta	208
PNAS	Bib $\text{T}\text{E}\text{X}$ style for PNAS (old version)	Rogers	417
PNAS 2009	Bib $\text{T}\text{E}\text{X}$ style for PNAS (newer version)	Rogers	417
png2pdf	PNG to PDF converter	Krause	301
poemscol	Typesetting Critical Editions of Poetry	Burt	167
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	258
poetry	Facilities for typesetting poetry and poetical structure	Goodman	232
poetrytex	Typeset anthologies of poetry	Whited	535
pointruler	12" Ruler containing Points and Inches	Henderson	253
poiretone	PoiretOne family of fonts with $\text{L}\text{A}\text{T}\text{E}\text{X}$ support	Tennent	483
polexpr	A parser for polynomial expressions	Burnol	166
poligraf	A $\text{T}\text{E}\text{X}$ macro package for prepress	Nowacki	369
polski	Typeset Polish documents with $\text{L}\text{A}\text{T}\text{E}\text{X}$ and Polish fonts	Olko, Woliński	377
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	268
polyglossia	An alternative to babel for $\text{X}\text{E}\text{L}\text{A}\text{T}\text{E}\text{X}$ and $\text{Lua}\text{L}\text{a}\text{T}\text{E}\text{X}$	Charette, Rosendahl, Spitzmüller	176
polynom	Macros for manipulating polynomials	Heinz, Adriaens	251
polynomial	Typeset (univariate) polynomials	Höst	263

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
polytable	Tabular-like environments with named columns	Löh	320
poorman	Raster Chinese and Japanese fonts	Ridgeway	409
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	166
popupmenu	Create popup menus in PDF files	Story	464
Portable MikTeX	Instructions for setting up MikTeX on a portable device	Grahn	235
portland	Simple portrait/landscape switching	Partl	386
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	260
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	407
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	286
poster-mac	Make posters and banners with $\TeX$	Van Zandt	550
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	204
postit	A $\LaTeX$ package for displaying Post-it notes	Pierquet	392
postnotes	Endnotes for $\LaTeX$	Barros	141
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	524
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	317
powerdot	A presentation class	Adriaens, Ellison	129
ppchtex	Typeset chemical formula diagrams	Hagen	243
pphilp	Generate VMS help files from $\LaTeX$ 2.09 source	Gray	237
ppower4	A postprocessor for PDF presentations	Gutermann	242
ppr-prv	Prosper preview	Goutelle	234
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	165
pracjourn	Typeset articles for PracTeX	Robertson	411
practical-latex	Example files for “Practical $\LaTeX$ ”	Grätzer	236
practicalreports	Some macros for writing practical reports	Cawood	174
precatl	Prepare special catcodes from token list	user202729	511
prelim	Mark preliminary copies with a line of information	Tolksdorf	495
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	437
prepr	Preprint macros	Calvani	169
preprint	A bundle of packages provided ”as is”	Daly	189
prerex	Interactive editor and macro support for prerequisite charts	Tennent	483
present	Presentations with Plain $\TeX$	Meister	344
presentations-en	Examples from the book Presentations with $\LaTeX$	Voß	524
presentations	Examples from the book Presentationen mit $\LaTeX$	Voß	524
pressrelease	A class for typesetting press releases	Talbot	476
prettyref	Make label references ”self-identify”	Ruland	424
prettytok	Pretty-print token lists	user202729	511
preview-latex	Preview equations in Emacs	Kastrup	278
preview	Extract bits of a $\LaTeX$ source for output	Kastrup, The AUCTeX Team	279
prftree	Macros for building proof trees	Benini	149
principia	Notations for typesetting the “Principia Mathematica”	Elkind	204
printbib	Print the contents of a bibliography	Unknown	507
printlen	Print lengths using specified units	Robertson, Wilson, Harders	415
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	363
probsoln	Generate problem sheets and their solution sheets	Talbot	476
proc	Class for producing “proceedings”	$\LaTeX$ Team	490
processkv	Process key-value pairs	Sauer	427
procIAGssymp	Macros for IAG symposium papers	Benciolini	149
prodint	A font that provides the product integral symbol	Gill, Loredó-Ostí	228
productbox	Typeset a three-dimensional product box	Neugebauer	362
ProfCollege	A $\LaTeX$ package for French maths teachers in college	Poulain	397
proflabo	Draw laboratory equipment	Mounier	354
ProfLycee	A $\LaTeX$ package for French maths teachers in high school	Pierquet	392
profmaquette	Use exercises in different types of documents	Poulain	397
profsio	Commands (with TikZ) to work with French “BTS SIO” maths themes	Pierquet	392

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
progkeys	Typeset programs, recognising keywords	Alabau	130
program	Typesetting programs and algorithms	Ward	531
progress	Creates an overview of a document's state	Graversen	236
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	273
ProjLib	A series of tools to simplify your workflow	XU	545
proof-at-the-end	A package to move proofs to appendix	Colisson	184
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	157
proofread	Commands for inserting annotations	Dekker	191
proofs	Macros for building proof trees	Taylor	478
prooftrees	Forest-based proof trees (symbolic logic)	Rees	405
properties	Load properties from a file	Niedermair	365
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	296
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	233
protecteddef	Define protected commands	Oberdiek	374
protex	Literate programming package	The TeX4ht Team, Gurari	485
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	212
protocol	A class for minutes of meetings	Leineweber	315
protosem	Fonts for proto-Semitic cuneiform script	Wilson	538
prtec	A template for PRTEC conference papers	Lienhard	318
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	191
przechlewski-book	Examples from Przechlewski's L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	399
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	154
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	514
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	500
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	361
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	361
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	366
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	156
ps_view	A PostScript previewer of PostScript files	BOP	156
psbao	Draw Bao diagrams	Vessella	516
psbox	PostScript box macros, etc	Orloff	379
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	335
pseudo	Straightforward pseudocode	Hetland	256
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	301
psfig	A graphics inclusion package	Darrell	190
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	195
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	286
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	402
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	507
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	180
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	236
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	175
psfragx	A psfrag eXtension	Kockaert	295
psgo	Typeset go diagrams with PSTricks	Bos	157
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	303
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	376
pslatex	Use PostScript fonts by default	Carlisle	171
psmerge	Concatenate PostScript files	Duggan	199
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	433
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	433
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	507
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	402
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	261
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	433

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pspic	Drawing pictures using PostScript specials	Thorup	493
pspicture	PostScript picture support	Carlisle	171
psrip	Extract images from PostScript files	Lackas	308
pssplit	Select pages from PostScript files	Kleiweg	289
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	192
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	551
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	524
pst-abspos	Put objects at an absolute position	Voß	524
pst-am	Simulation of modulation and demodulation	Luque, Voß	331
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	527
pst-arrow	Special arrows for PSTricks	Voß	524
pst-asr	Typeset autosegmental representations for linguists	Frampton	219
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	409
pst-barcode	Print barcodes using PostScript	Burton, Voß	167
pst-bezier	Draw Bezier curves	Nähring, Voß	360
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	227
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	444
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	525
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	331
pst-cie	CIE color space	Luque, Voß	331
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	527
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	527
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	331
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	331
pst-dart	Plotting dart boards	Voß	525
pst-dbicons	Support for drawing ER diagrams	May	340
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	331
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	228
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	527
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	277
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	415
pst-exa	Typeset PSTricks examples, with code	Voß	525
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	525
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	229
pst-fit	Macros for curve fitting	Ledger, Voß	312
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	336
pst-fp	Fixed-point arithmetic in PSTricks	Voß	525
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	229
pst-fractal	Draw fractal sets using PSTricks	Voß	525
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	331
pst-func	PSTricks package for plotting mathematical functions	Voß	525
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	229
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	331
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	453
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	229
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	527
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	525
pst-hsb	Curves with continuous colours	Voß	525
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	275
pst-intersect	Compute intersections of arbitrary curves	Bersch	151
pst-Jtree	Typeset complex trees for linguists	Frampton	219
pst-knot	PSTricks package for displaying knots	Voß	525
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	229
pst-layout	Page layout macros based on PSTricks packages	Sharpe	445

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	331
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	229
pst-lsystem	Create images based on a L-system	Voß	525
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	228
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	228
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	275
pst-mirror	Images on a spherical mirror	Luque, Voß	331
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	228
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	551
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	229
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	235
pst-optexp	Drawing optical experimental setups	Bersch	151
pst-optic	Drawing optics diagrams	Luque, Voß	331
pst-osci	Oscgons with PSTricks	Luque, Jorssen	331
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	551
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	197
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	366
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	518
pst-perspective	Draw perspective views using PSTricks	Söll	453
pst-platon	Platonic solids in PSTricks	Luque, Voß	331
pst-plot	Plot data using PSTricks	Van Zandt, Voß	551
pst-poker	Drawing poker cards	Voß	525
pst-poly	Polygons with PSTricks	Girou, Voß	229
pst-pulley	Plot pulleys, using PSTricks	Söll	453
pst-qtree	Simple syntax for trees	Chiang, Gildea	180
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	453
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	332
pst-shell	Plotting sea shells	Voß, Luque	527
pst-sigsys	Support of signal processing-related disciplines	Delgosha	192
pst-sipe	Sophisticated colour gradients	Giese, Voß	227
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	332
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	519
pst-soroban	Draw a Soroban using PSTricks	Delmotte	192
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	434
pst-spinner	Drawing a fidget spinner	Voß, Luque	527
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	332
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	338
pst-support	Assorted support files for use with PSTricks	Voß	525
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	527
pst-thick	Drawing very thick lines and curves	Luque, Voß	332
pst-tools	PSTricks support functions	Voß	525
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	526
pst-turtle	Commands for “turtle operations”	Voß	525
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	551
pst-uml	UML diagrams with PSTricks	Diamantini	193
pst-vectorian	Printing ornaments	Fradin	219
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	454
pst-venn	A PSTricks package for drawing Venn sets	Voß	525
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	357
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	332
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	129
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	527



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pstdoc	A tool for PSTricks documentation	Sharpe	445
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	264
pstoedit	Translate PostScript and PDF to other formats	Glunz	230
pstool	Support for psfrag within pdfLaTeX	Robertson, Prime	412
pstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	152
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	461
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	527
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	526
pstricks-calcnodes	Use of PSTricks in calculus lecture notes	Quan	399
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	526
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	526
pstricks-examples	PSTricks examples	Voß	525
pstring	Typeset sequences with justification pointers	Blum	154
psu-thesis	Package for writing a thesis at Penn State University	Floros	217
psutils	PostScript utilities	Duggan	199
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	271
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	270
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	271
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	270
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	271
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	270
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	271
ptext	A ‘lipsum’ for Persian	Damanafshan	189
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	408
ptlathexcommands	L <sup>A</sup> T <sub>E</sub> X to commands in Portuguese	Pereira de Moraes Junior	352
ptmsc	Addon to the newtx package	Sharpe	445
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	550
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	496
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	210
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	210
Punk-L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	274
punk	Donald Knuth’s punk font	Knuth, Grover	294
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	262
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfLaTeX	Pakin	383
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	380
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	431
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	307
pxbase	Tools for use with (u)pLaTeX	Yato	548
pxchfon	Japanese font setup for pL <sup>A</sup> T <sub>E</sub> X and upLaTeX	Yato	548
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upTeX	Yato	548
pxfonts	Palatino-like fonts in support of mathematics	Ryu	425
pxgreek	Shape selection for PX fonts Greek letters	Burnol	166
pxjahyper	Hyperref support for pLaTeX	Yato	548
pxjodel	Help change metrics of fonts from japanese-otf	Yato	548
pxpgfmark	e-pTeX driver for PGF inter-picture connections	Yato	548
pxpic	Draw pixel pictures	Spratte	457
pxrubrica	Ruby annotations according to JIS X 4051	Yato	548
pxtatescale	Patch to graphics driver for scaling in vertical direction of pTeX	Yamashita	546
pxtxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	445
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	548
pybib	Command line utilities to check, sort, merge BibTeX files	Corke	185
pybliographer	A tool for managing bibliographic databases	Gobry	230
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	265

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pygmentex	Use Pygments to format code listings in documents	Malaquias	335
PyLuaTeX	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Enderle	205
python	Embed Python code in L <sup>A</sup> T <sub>E</sub> X	Ehmsen	203
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	514
pythonimmediate	Library to run Python code	user202729	511
pythontex	Run Python from within a document, typesetting the results	Poore	396
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	347
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	230
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	200
QCM	A L <sup>A</sup> T <sub>E</sub> X2e class for making multiple choice questionnaires	Verna	515
qdtexvpl	Quick and dirty virtual font creation	Mattes	339
qed	Produce an "end-of-proof" mark	Taylor	478
qfig	DOS graphics program	Ofosu-Amaah	376
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	273
qm	Commands for bras and kets and the like	Christlieb	181
qms	VMS tools for controlling QMS printers	Unknown	507
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	450
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	389
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	253
qrcstamps	Create QR codes using stamps	Story	464
qsharp	Syntax highlighting for the Q# language	Granade	235
qstest	Bundle for unit tests and pattern matching	Kastrup	278
qsymbols	Maths symbol abbreviations	Rose	419
qtree	Draw tree structures	Dimitriadis, Siskind	194
qualitytype	The QualiType font collection	Miller	348
quantikz	Draw quantum circuit diagrams	Kay	279
quantumarticle	Document class for submissions to the Quantum journal	Quantum — the open journal for quantum science, Meyer, Gogolin	399
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
quickreaction	A simple and fast way to typeset chemical reactions	Lambertini	308
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	346
quiver	Draw commutative diagrams exported from <a href="https://q.uiver.app">https://q.uiver.app</a>	Unknown	507
quiz2socrative	Prepare questions for socrative quizzes	Lella	315
quizztex	Create quizzes like in TV shows	Pierquet	392
quotation	Typeset an attributed quotation	Unknown	507
quotchap	Decorative chapter headings	Klever, Tinnefeld	290
quote	Match pairs of double-quote characters	Goatley	230
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	157
quoting	Consolidated environment for displayed text	Titiz	494
quotmark	Consistent quote marks	Talbot	476
quran-bn	Bengali translations to the quran package	Razavian	405
quran-de	German translations to the quran package	Razavian	405
quran-ur	Urdu translations to the quran package	Razavian	405
quran	An easy way to typeset any part of The Holy Quran	Razavian	405
qyxf-book	Book Template for Qian Yuan Xue Fu	You	549
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	367
r2bib	Convert refer and EndNote files to BibTeX	Mathar	338
ragged	Generic ragged left and ragged right options	Siebenmann	448
ragged2e	Alternative versions of "ragged"-type commands	Schröder, Peischl	437
raggedr	Set an entire document raggedright	Kilfiger	284
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	418

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	318
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	259
ran_toks	Randomise token strings	Story	464
randbild	Marginal pictures	Ebermann	201
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	135
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	176
randomwalk	Random walks using TikZ	Le Floch	217
randtext	Randomise the order of characters in strings	Duan	199
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	193
rangen	Generate random integers, rational and decimal numbers	Story	464
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	342
ransom	A “very bad typewriter” font	Knuth	294
ratex	A package for German lawyers	Vosberg	522
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Hösner	261
rawfonts	Low level font compatibility mode for L <sup>A</sup> T <sub>E</sub> X	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	271
rawprint	Print raw Russian text	Veytsman	518
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	500
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	242
rct-multi	Typeset RCS version control in multiple-file documents	Scharrer	429
rct-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	419
rct	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	437
rctinfo	Support for the revision control system	Vollmer	521
ReadableCV	A highly readable and good looking CV and letter class	Stone	461
readarray	Read, store and recall array-formatted data	Segletes	441
readprov	Provides GetFileInfo without the need to load the file	Lück	328
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	429
realcalc	Macros for real arithmetic calculations	Buchholz	163
realhats	Put real hats on symbols instead of ^	Scroggs, Townsend	440
realscripts	Access OpenType subscript and superscript glyphs	Robertson	411
realtranspose	The “real” way to transpose a Matrix	Quentin	400
rec-thy	Commands to typeset recursion theory papers	Gerdes	226
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	325
recipebook	Typeset 5.5” x 8” recipes for browsing or printing	Granger	235
recipecard	Typeset recipes in note-card-sized boxes	Reish	407
recorder-fingering	Package to display recorder fingering diagrams	Munn	357
rectopma	Recycle top matter	Benciolini	149
recycle	A font providing the “recyclable” logo	Green, Pakin	237
redefine	Conditional macro, etc., definitions	Unknown	507
redis	A Hebrew font	Goldberg	231
REdit	Menu-based editor	Rogalla	416
refcheck	Check references (in figures, table, equations, etc)	Motygin	354
refcount	Counter operations with label references	Oberdiek	374
refenums	Define named items and provide back-references with that name	Kopp	299
refer-tools	Convert between refer format and BibT <sub>E</sub> X format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke	336
refer	Convert a BibT <sub>E</sub> X bibliography to refer format	McHale	342
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibT <sub>E</sub> X	Kiefel	283
reflectgraphics	Techniques for reflecting graphics	Reiche	406
refman	Format technical reference manuals	Kielhorn, Partl	283
refreshpdf	Refresh PDF files “remotely”	Gerhardt	226
refstyle	Advanced formatting of cross references	Els	205

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
regcount	Display the allocation status of the $\TeX$ registers	Drucbert	198
regexpatch	High level patching of commands	Gregorio	239
register	Typeset programmable elements in digital hardware (registers)	Lovell	326
regstats	Information about register use	Münch	355
reledmac	Typeset scholarly editions	Rouquette	421
reledpar	Typeset scholarly editions in parallel texts	Rouquette	421
relenc	A "relaxed" font encoding	Hellström	252
relsize	Set the font size relative to the current font size	Swift, Arseneau	469
removefr	Remove from counter-reset lists	Arseneau	135
remreset	Remove counters from reset list	Carlisle	171
renditions	Multiple versions from the same content	Story	465
reotex	Draw Reo Channels and Circuits	Oliveira	377
repeat	Repeat execution of macros	Eijkhout	203
repeatindex	Repeat items in an index after a page or column break	Harders	248
reper	MetaPost macros for secondary school mathematics teachers	Péault	387
repltext	Control how text gets copied from a PDF file	Pakin	383
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	490
required	Packages "required" of a L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team, Rahtz, Schmidt, Volovich	492
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	374
res	A resumé class	Krishnamurthy, DeCorte	302
rescansync	Re-scan tokens with synctex information	user202729	511
resizegather	Automatically resize overly large equations	Oberdiek	374
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	195
ResolSysteme	Work on linear systems using xint or py luatex	Pierquet	392
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	518
rest-api	Describing a rest api	Klein	289
resumecls	Typeset a resume both in English and Chinese	Hu	263
resumemac	Plain $\TeX$ macros for resumé	Hosek	262
returntgrid	Semi-automatic grid typesetting	Fischer	215
reverxii	Playing Reversi in $\TeX$	Le Floch	217
revnum	Reverse enumerate	Wilms	536
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	235
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	376
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	377
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	377
rftc2bib	Generate BibTeX entries for IETF RFCs	Mortier	353
rfil	Ruby font installer library	Gundlach	241
RGB	Tables of RGB colour parameters	Loreti	325
rgltxdoc	Common code for documentation of the author's packages	Grewe	239
ribbonproofs	Drawing ribbon proofs	Wickerson	535
richtext	Create rich text strings	Story	465
rit-fonts	Malayalam fonts by Rachana Institute of Typography (RIT)	Radhakrishnan	400
rjlparschap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	313
rlepf	Rewrite labels in EPS graphics	Rourke	421
rmannot	Create rich media annotations in a PDF file	Story	465
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	425
rmligs	Remove incorrect ligatures in German documents	Jacke	267
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	342
rmthm	Use a roman font for theorem statements	Verwer	515
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	512

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Robot Man	A fun demo of AcroTeX eDucation Bundle facilities	Story	465
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	453
roboto	Support for the Roboto family of fonts	Tennent	483
robust-externalize	Cache anything (TikZ, python, ...) in a robust, efficient and pure way	Colisson	184
robustcommand	Declare robust command, with \newcommand checks	Ebermann	201
robustindex	Create index with pagerefs	van der Kallen	276
rojud	A font with the images of the counties of Romania	Bazon	144
romanbar	Write roman number with "bars"	Münch	355
romanbarpagenumber	Typesetting roman page numbers	Schneider	435
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	406
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	408
romanneg	Roman page numbers negative	Wolczko	540
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	414
rorlink	Create ROR symbols which links to the given ROR-IDs	Lukas	330
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	207
rotate-textures	Box rotation macros for Textures	Karney	277
rotate	Rotate T <sub>E</sub> X boxes	Unknown	507
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	209
rotchiffre	Perform simple rotation cyphers	Oberdiek	374
rotfloat	Rotate floats	Sommerfeldt	454
rotpages	Typeset sets of pages upside-down and backwards	Callegari	169
rotunda	Rotunda manuscript book-hand font	Wilson	538
RoueQuestions	Draw a "question wheel" (roue de questions)	Vignal Danilet	190
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	232
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	190
rplain	Redefines the plain pagestyle	Sommerfeldt	454
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	380
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	224
rsc	BibTeX style for use with RSC journals	Wright	542
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	452
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	445
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	407
rterface	Access to R analysis from within a document	Bogue	155
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	426
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	330
rtkinenc	Input encoding with fallback procedures	Hellström	252
rtklage	Make suit details for German courts	Vosberg	522
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	319
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	363
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	363
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	363
rubiktwoCube	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	363
ruhphen	Russian hyphenation	Volovich	522
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	297
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	359
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	203
rulerbox	Draw rulers around a box	Yang	546
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	458
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	140
rune	Two rune fonts	Grant, Lüddecke	236



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
runic	Fonts for Anglo-Saxon futharc script	Wilson	539
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	146
runtexshebang	A Lua script running L <sup>A</sup> T <sub>E</sub> X document files with T <sub>E</sub> X-style shebang	Yamamoto	545
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	446
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	326
rustic	Roman Rustic manuscript book-hand font	Wilson	539
rutitlepage	Radboud University Titlepage Package	Lubbers	326
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	518
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	400
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	447
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	311
<b>SSSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	269
sa-tikz	TikZ library to draw switching architectures	Fiandrino	213
sacsymb	“Sacred Symbols” prepared with TikZ	Nyaupane	369
sae	Typeset an SAE technical paper	Franke	220
saferef	Safer references through strong typing of references	Ashton	137
sageep	Format papers for the annual meeting of EEGS	Veytsman	518
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	386
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	471
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	507
sanhyph	Sanskrit hyphenation patterns	Codet	183
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	466
sankey	Draw Sankey diagrams with TikZ	Gaborit	223
sans	Exchange Roman and Sans faces in a document	Knappen	291
sanskrit-t1	Type 1 version of ‘skt’ fonts for Sanskrit	Korop	300
sanskrit	Sanskrit support	Haisman, Wikner	243
sansmath	Maths in a sans font	Arseneau	135
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	142
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	142
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	152
sarabian	Archaic South Arabian script font	Wilson, Stanier	540
SASnRdisplay	Typeset SAS or R code or output	Madsen	334
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	427
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	427
sauterfonts	Use Sauter’s fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	142
saveenv	Save environment content verbatim	user202729	511
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	304
savesym	Redefine symbols where names conflict	Göbel	230
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	383
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	467
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	507
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	507
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	426
scalebar	Create scalebars for maps, diagrams or photos	Lake	308
scaleft	Rescale fonts to arbitrary sizes	Carlisle	171
scalere	Constrained scaling and stretching of objects	Segletes	441
scanpages	Support importing and embellishing scanned documents	Sharpe	445
schedule	Weekly schedules	Alexander, Deneault	131
schedule209	Typeset schedules	Pfennig	390
schemabloc	Draw block diagrams, using TikZ	Papanicola	385
schemata	Print topical diagrams	Schaum	430
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	403
schemeweb	Simple support for literate programming in Lisp	Ramsdell	403
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	526

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ScholaX	Extension of T <sub>E</sub> XGyreSchola (New Century Schoolbook) with math support	Sharpe	445
schooldocs	Various layout styles for school documents	Missier	349
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	391
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	533
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	206
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	258
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	329
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	300
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	336
scientificpaper	Format a scientific paper for journal publication	Aycock	138
scientificviewer	MacKichan software viewer	Pearson	387
SciKGT <sub>E</sub> X	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	154
sciposter	Make posters of ISO A3 size and larger	Wilkinson	536
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	499
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	187
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	390
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	330
scorecard	Format a Baseball scorecard	Wall	529
Scrabble	Commands for Scrabble boards	Pierquet	392
scraddr	Provide data from scrlltr2’s address files	Kohm	297
scrambledenvs	Create and print scrambled environments	Chen	177
scrartcl	Koma-Script ‘article’ class	Kohm	297
scratch	Draw programs like “scratch”	Tellechea	479
scratch3	Draw programs like “scratch”	Tellechea	479
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	403
scrbase	Provide basic features for KOMA-Script	Kohm	297
scrbook	Koma-Script ‘book’ class	Kohm	297
scrdate	Calendar date operations	Kohm	297
screen	Prepare a document for a simple previewer	Unknown	508
screenplay-pkg	Package version of the screenplay document class	Munn	357
screenplay	A class file to typeset screenplays	Pate	386
scrextend	Use of components of KOMA-Script by other packages	Kohm	297
scrindex	Make index package work with Koma-script classes	Oberdiek	374
script-font	Handwriting font	Vanroose	512
script	Variant report and book styles	Neukam, Lichti	362
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	208
ScriptT <sub>E</sub> X	Macros for scripts and screenplays	McCarthy	341
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	399
scrjrn1	Typeset diaries or journals	Pinson	394
scrjura	Koma-Script support for lawyers, etc	Kohm	297
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script’s scrlayer	Kohm	298
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	298
scrlayer-scrpage	Define and manage page styles	Kohm	298
scrlayer	Manage text ‘layers’ within Koma-Script	Kohm	297
scrletter	Letter extension to KOMA-Script classes	Kohm	298
scrfile	Installation control for koma-script packages	Kohm	298
scrlltr2	Koma-Script ‘letter’ class	Kohm	298
scrlltr2copy	A letter class option file for the automatic creation of copies	Niepraschk	366
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	298
screprt	Koma-Script ‘report’ class	Kohm	298
scrttime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	298
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	298

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
scsnowman	Snowman variants using TikZ	Yamashita	546
scyrillic	A family of cyrillic fonts	Samarin, Glonti	426
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	150
sdṛt	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	267
sdthesis	Thesis Template of Shandong University	Huang	264
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	330
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	208
seceqn	Number theorems by section	Leichter	314
secnum	A macro to format section numbering intuitively	Gau	225
secret	Put security classification marks in a document	Duchier	199
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	398
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	536
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	260
sectsty	Control sectional headers	McDonnell	342
seealso	Improve the performance of \see macros with makeindex	Liu	320
sehph	Hyphenation patterns for Swedish	Rynning	425
selectp	Select pages to be output	Arseneau	135
selectpage	Select pages to be output from a document	Knuth	294
selinput	Semi-automatic detection of input encoding	Oberdiek	374
selnolig	Selectively disable typographic ligatures	Loretan	325
SemanTeX	Semantic, keyval-based mathematics	Ørsted	379
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	174
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	360
semaphor	Semaphore alphabet font	Zýka	555
semesterplanner	Create beautiful semester timetables and more	Schneider	434
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	551
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	255
semproc	Seminar proceedings	Columbus	184
SemTeX	Deals with stripped SemanTeX documents	Ørsted	379
semtrans	Transliteration of semitic languages	Knappen	291
sentences	Numbered lists for sentences	Unknown	508
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	319
seppnum	Print numbers in a "friendly" format	Raichle	403
seqsplit	Split long sequences of characters in a neutral way	Veytsman	518
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	213
serbian-book	Support for use of memoir in Serbian	Filipović	213
serbian-date-lat	Updated date typesetting for Serbian	Filipović	213
serbian-def-cyr	Serbian cyrillic localization	Filipović	213
serbian-lig	Control ligatures in Serbian	Filipović	213
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	213
serial	Generate serial letters	Pedersen	388
sesmanuel	Class and package for sesamath books or paper	Charpentier	176
sesstime	Session and timing information in lecture notes	Beisert	148
setdeck	Typeset cards for Set	Whieldon	534
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	374
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	249
setspaceenhanced	An enhancement of the setspace package	Kohm	298
setstrut	Automatic strut computation	von Bechtolsheim	146
settobox	Assigning dimensions of a box to a length register	Oberdiek	374
settosize-ltx	Scale text to make it fit a given width	Rahtz	402
settosize	Scale text to given width	Taylor	479

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	272
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	549
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	210
sexam	Package for typesetting arabic exam scripts	Laouidji	310
sf298	Standard form 298	Cochran, Rochford	183
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	386
sffms	Typesetting science fiction/fantasy manuscripts	DeMarco	192
sfg	Draw signal flow graphs	Schmid	431
sfheaders	Sans headers	Loreti	325
sfmath	Sans-serif mathematics	Dietrich	194
sfwmac	A set of definitions for Unix system documentation	Unknown	508
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	380
sgmlcmt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	291
shadbox	Shade the background of any box	Glazkov	229
shade	Shade pieces of text	Schmitt	434
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	161
Shaded theorems	Theorem environments that are shaded	Hefferon	250
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	355
shadow	Shadow boxes	Orlandini	379
shadowtext	Produce text with a shadow behind it	Zwols	555
shalom	A simple Hebrew typesetting bundle	Böttcher	158
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	136
shapepatch	Transfig patch supporting shapepar	Gollwitzer	231
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	232
shavian	A Shavian spelling alphabet font	Stanier	458
shdoc	Float environment to document the shell commands of a terminal session	Laube	311
shellesc	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
shhyphl	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	354
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	447
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	257
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	299
short-math-guide	Guide to using amsmath and related packages to typeset mathematical notation with L <sup>A</sup> T <sub>E</sub> X	The AMS	486
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	344
shortlst	Compact lists by running several items per line	Hansen	245
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	138
shorttoc	Table of contents with different depths	Drucbert	198
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	490
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X 2e	Pégourié-Gonnard	388
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	282
showdim	Variants on printing dimensions	Downes	197
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	366
showframe	Draw a page-layout diagram	Niepraschk	366
showhyphenation	Marking of hyphenation points	Kelkel	279
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	241
showkerning	Showing kerns in a document	Kelkel	279
showkeys	Show label, ref, cite and bib keys	Carlisle	171
showlabels	Show label commands in the margin	Gray	237
showtags	Print the tags of bibliography entries	Beebe	147
shsulet	A letter document style for use at SHSU	Greenwade	238
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	317
shuffle	A symbol for the shuffle product	Lejay, Gilbey	315
si	A comprehensive (SI) units package	Wright	542

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
siam	Styles for SIAM publications	Gray, Cipolone	236
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	292
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	366
sidenotes	Typeset notes containing rich content, in the margin	Thomas	492
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	528
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	355
siggraph	SIGGRAPH conference class	Kartch	278
signchart	Create beautifully typeset sign charts	Mottaz	353
Sikumuna	Lyx template for Hebrew article format	Rutenberg	425
silence	Selective filtering of error messages and warnings	Pock, Isambert	395
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	175
simple-resume-cv	Template for a simple resume or curriculum vitae (CV), in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Scrivena	440
simple-thesis-d...	Template for a simple thesis or dissertation (Ph.D. or master’s degree) or technical report, in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Scrivena	440
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	312
simplecd	Simple CD, DVD covers for printing	Majoros	335
simplecv	A simple class for writing curricula vitae	Lasgouttes	311
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	157
simpleinvoice	Easy typesetting of invoices	Lohne	320
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	479
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	514
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	174
simpler-wick	Simpler Wick contractions	Ellis	204
simples-matrices	Define matrices by given list of values	Henel	254
simplewick	Simple Wick contractions	Kolorenc	299
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	237
simplivre	Write your books in a simple and clear way	XU	545
simpsons	Metafont source for Simpsons characters	Chen	177
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	282
sines	Calculate sin function values	Walker	529
sinhala	Support for the Sinhala language	Saparamadu	426
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	450
SISTyle	Package to typeset SI units, numbers and angles	Els, Wright	205
sitem	Save the optional argument of \item	Majkrzak	335
siunits	International System of Units	Wright, Heldoorn	543
siunitx	A comprehensive (SI) units package	Wright	542
skak	Fonts and macros for typesetting chess games	Hoffmann	259
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	194
skb	Tools for a repository of long-living documents	van der Meer	344
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	449
skeldoc	Placeholders for unfinished documents	Hetland	256
sketch	A 3d sketch language translator	Ressler	408
skeycommand	Create commands using parameters and keyval in parallel	Musa	359
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	359
skills	Create proficiency tests	Giraud	228
skmath	Extensions to the maths command repertoire	Sigurdhsson	449
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	449
skull	A font to draw a skull	Grove	240
slantsc	Access different-shaped small-caps fonts	Harders	248
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	546
slashed	Put a slash through characters	Carlisle	171
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	450
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	340



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	223
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	468
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	528
slidenotes	Typeset slides accompanied by notes	van der Meer	344
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	350
slideshow	Generate slideshow with MetaPost	McPhee	343
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	447
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	478
smaller	Choose an "adjacent" size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	186
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	338
smalltalk	Typeset Smalltalk program fragments	Wolczko	540
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	544
smartdiagram	Generate diagrams from lists	Fiandrino	213
smartmn	Make hyphens print as minus signs where appropriate	Knappen	291
smartref	Extend L <sup>A</sup> T <sub>E</sub> X's \ref capability	Bilotta	152
smartunits	Converting between common metric and Imperial units	Mathas	338
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	175
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	438
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	486
snaptodo	A todo that snaps to the closer side	Wang	530
snote	Shaped notes for MusicTeX	Colburn	183
snotex	Typeset notes, in the margin	Niederberger	364
sober	Makes appearance of standard styles more "sober"	Poppelier	396
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	158
softfonts	Manage the "soft fonts" in a LaserWriter printer	Small Planet Software	451
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	287
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	287
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	287
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	287
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	287
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	288
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	288
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	288
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	288
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	288
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	288
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	288
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	288
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	288
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	288
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	288
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	288
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	288
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	288
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	288
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	288
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	288
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	289
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	289
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	289
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	289
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	289
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	289

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	289
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	289
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	289
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	271
songbook	Package for typesetting song lyrics and chord books	Rath	404
songproj	Generate Beamer slideshows with song lyrics	Ortolo	379
songs	Produce song books for church or fellowship	Hamlen	245
sorhyph	Upper Sorbian hyphenation patterns	Werner	534
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	380
soton	University of Southampton-compliant slides	Blanco	153
soul	Hyphenation for letterspacing, underlining, and more	Oberdiek	375
soulpos	A fancy means of underlining	Bezós López	322
soup	Generate alphabet soup puzzles	Simers	449
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	490
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	259
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	259
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	259
SouthArabian	A font for an archaic South Arabia script	Stanier	458
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	185
spacekern	Kerning between words and against space	Kelkel	280
spacingtricks	Addressing various spacing issues	Missier	349
spain	Bibliography style for Spanish documents	Fernandez	212
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	400
spanish-mx	Typeset Spanish as in Mexico	Rivera	410
spark-otf	Support OpenType Spark fonts	Voß	526
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	320
spath3	Manipulate “soft paths” in PGF	Stacey	458
spbookmark	Customize superscripts and subscripts	Yi	549
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	176
spelling	Support for spell-checking of LuaTeX documents	Hennig	255
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	398
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	224
sphyphb	Experimental Spanish hyphenation patterns	Medina	344
spiderweb	A tool for building WEB systems	Ramsey	404
spie	Support for formatting SPIE Proceedings manuscripts	Hanson, SPIE Support	246
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	387
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	329
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	446
split	Box two chunks of text side-by side	Skinner	451
splitbib	Split and reorder your bibliography	Markey	337
splitindex	Unlimited number of indexes	Kohm	298
spot	Spotlight highlighting for Beamer	Hendrickson	253
spotcolor	Spot colours for pdfLaTeX	Elstner	205
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	479
springer	Macros for Springer journals	Springer Verlag	457
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	186
spverbatim	Allow line breaks within \verb and verbatim output	Pakin	383
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	203
sqrcaps	Square Capitals manuscript book-hand font	Wilson	539
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	213
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	213
sr-vorl	Class for Springer books	Dabelow	187

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	459
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	500
srcredact	A tool for redacting sources	Veytsman	518
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	532
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	271
srune	Saxon rune font	Lüddecke	329
sseq	Typesetting spectral sequence charts	Bauer	143
sshdbk10	Sans headers in book style	Unknown	508
sslides	Slides with headers and footers	Salimi	426
ssquote	Use the cmssq fonts	Vieth, Goossens	519
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	367
stabular	Multipage tabular	Tolušis	495
stack	Tools to define and use stacks	Bayart	143
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	441
stackrel	Enhancement to the \stackrel command	Oberdiek	375
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	493
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	375
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	429
stanli	TikZ Library for Structural Analysis	Hackl	243
starfont	The StarFont Sans astrological font	Skala	451
starray	A structured array (of properties) based on expl3	Frigeri	222
startex	An XML-inspired format for student use	Langmyhr	310
statex	Statistics style	Sparapani	455
statex2	Statistics style	Sparapani	455
statistics	Compute and typeset statistics tables and graphics	Rivaud	409
statistik	Store statistics of a document	Niedermair	365
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	133
statrep	Displays SAS code and results of running the code	Arnold	134
staves	Typeset Icelandic staves and runic letters	Syropoulos	470
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	414
stdpage	Standard pages with n lines of at most m characters each	Verweyen	516
stealcaps	“Steal” small capitals	Giannotti	227
steinmetz	Print Steinmetz notation	Gregorio	239
stellenbosch-2	Stellenbosch University thesis bundle	Els	205
stellenbosch	Stellenbosch thesis bundle (legacy version)	Els	205
step	A free Times-like font	Miller	348
stepgreek	A free Times/Elsevier-style Greek font	Miller	348
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	296
stfloats	Commands to control the presentation of floats	Tolušis	496
SticksToo	A reworking of STIX2	Sharpe	445
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	492
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	492
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	492
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	271
stoneipa	Support for the Stone Sans Phonetic font	Velleman	514
storebox	Storing information for reuse	Scharrer	429
storecmd	Store the name of a defined command in a container	Musa	359
strands	Draw objects constructed from strands	Arcis	133
streetex	Structural organic chemistry	Strokov	466
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	379
string-diagrams	Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ	Brasolin	160

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
stringenc	Converting a string between different encodings	Oberdiek	375
stringstrings	String manipulation for cosmetic and programming application	Segletes	441
structmech	A TikZ command set for structural mechanics drawings	Chang	175
struktex	Draw Nassi-Shneiderman charts	Hoffmann	259
sttools	Various macros	Tolušis, Statulevičius	496
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	466
Student Handouts	Management and styling of student handout projects	Fennell	211
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	418
sty2dtx	Create a .dtx file from a .sty file	Scharrer	429
style-showcase	Make a web page to compare styles	Hefferon	250
styledcmd	Handling multiple versions of user-defined macros	De Donato	196
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	416
subcaption	Support for sub-captions	Sommerfeldt	454
subdepth	Unify maths subscript height	Robertson	411
subdocs	Multifile documents	Bezós López	322
subeqn	Package for subequation numbering	Arseneau, Braams	136
subeqnarray	Equation array with sub numbering	Braams	159
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	183
subfigmat	Automates layout when using the subfigure package	Kleb	286
subfigure	Deprecated: Figures divided into subfigures	Cochran	182
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	426
subfloat	Sub-numbering for figures and tables	Harders	248
sublabel	Sub-number counters	Daly	189
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	208
substances	A database of chemicals	Niederberger	364
substitutefont	Obsolete package to combine font families for different font encodings	Milde	347
substr	Deal with substrings in strings	Harders	248
subsupscripts	A range of sub- and superscript commands	Bresciani	161
subtext	Easy text-style subscripts in math mode	Jørgensen	274
sudoku	Create sudoku grids	Abraham	128
sudokubundle	A set of sudoku-related packages	Wilson	539
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	329
suffix	Define commands with suffixes	Kastrup	279
suftesi	A document class for typesetting theses, books and articles	Valbusa	512
sugconf	SAS(R) user group conference proceedings document class	Fehd	211
superiors	Attach superior figures to a font family	Sharpe	445
supertabular	A multi-page tables package	Braams	159
suppose	Abbreviate the word “Suppose”	Lounsbury	326
susy	Macros for SuperSymmetry-related work	Turlay	499
suthesis	Typeset a Stanford University thesis	Pallas	383
sverb	A set of verbatim text manipulations	Wooding	541
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	206
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	245
svgcolor	Define SVG named colours	Caprio	170
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	429
svn-prov	Subversion variants of \Provides... macros	Scharrer	429
svn	Typeset Subversion keywords	Lewis	317
svninfo	Typeset Subversion keywords	Brucker	163
svrsymbols	A font with symbols for use in physics texts	Syropoulos	470
swebib	Swedish bibliography styles	Engelbrechtsen	206
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	205
swfigure	Insert large images that do not fit into a single page	Beccari	145
swiftex	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	468
Swimgraf	Graphical/textual representations of swimming performances	Osborne	380

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
switcheml	Obfuscate email addresses (now obsolete)	Duan	199
swrule	Lines thicker in the middle than at the ends	Dussa	200
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	235
syllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	514
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	218
symbolindex	Generate a list of symbols with different subgroups	Holzmann	261
SympyCalc	Work with SymPy and PyLuaTeX	Pierquet	392
sympytex	Include symbolic computation (using sympy) in documents	Molteno	351
Synapsen	Reference management tool for BibTeX	Krajewski	301
synctex-parser	SyncTeX output file parser	Laurens	311
syngen	A tool for generating syntax diagrams from BNF	Klöcker	290
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	267
syntax-mdw	Typeset syntax descriptions	Wooding	541
syntax2	Creation of syntax diagrams	Worsch	542
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	391
syntonly	Run a document through L <sup>A</sup> T <sub>E</sub> X for syntax checking	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	350
syntrace	Labels for tracing in a syntax tree	Mathieu	339
synttree	Typeset syntactic trees	van Zuijlen	555
syriac	A font for Syriac written in Estrangelo	Stanier	459
syscontrolletters	Support for Systems and Control Letters	Balemi, Truöl	139
systeme	Format systems of equations	Tellechea	479
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	332
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	306
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	491
t1infos	Utilities for PostScript fonts	Baruchel	142
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	275
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	540
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	256
t2	Support for using T2 encoding	Volovich, Lemberg	522
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	347
tabbing	Tabbing with accented letters	Drucbert	198
tabbingbox	Save a tabbing environment in a box	Unknown	508
tabfigures	Maintain vertical alignment of figures	Ummels	501
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	308
tableauVariations	Variation tables in MetaPost	Mazoit	341
tableaux	Construct tables of signs and variations	Kisselhoff	286
tablefootnote	Permit footnotes in tables	Münch	356
tableof	Tagging tables of contents	Burnol	167
tables	Tables without the need for a preamble	Cowan, Taylor	186
tablestyles	Styles for tables with new commands	Pospiech	397
tablists	Tabulated lists of short items	Lapko	310
tablor	Create tables of signs and of variations	Connan	184
tabls	Better vertical spacing in tables and arrays	Arseneau	136
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	349
tabriz-thesis	A template for the University of Tabriz	Damanafshan	189
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	406
tabstackengine	“Tabbing” front-end to stackengine	Segletes	441
tabto-generic	”Tab” to a measured position in the line	Arseneau	136
tabto-ltx	“Tab” to a measured position in the line	Arseneau	136
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	179
tabularborder	Remove excess space at left and right of tabular	Fink	214
tabularcalc	Calculate formulas in a tabular environment	Tellechea	480



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tabularew	A variation on the tabular environment	Saba	425
tabularht	Tabular environments with height specified	Oberdiek	375
tabularkv	Tabular environments with key-value interface	Oberdiek	375
tabulararray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	332
tabulars-e	Examples from the book "Typesetting tables with L <sup>A</sup> T <sub>E</sub> X"	Voß	526
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
tabulary	Tabular with variable width columns balanced	Carlisle	171
tabvar	Typesetting tables showing variations of functions	Flipo	216
tabverb	Verbatim text respecting TAB characters	Fine	214
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	321
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	367
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	215
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	535
talos	A Greek cult font from the eighties	Tsolomitis	498
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	328
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	337
tamil-omega	Tamil support for Omega/Aleph	Alex	130
tangle	Generate compilable source from web	Knuth	294
tango-weevil	A simple Web system	Minyard	348
tangocolors	Use colors from the Tango color palette	Preuße	398
TangramTikZ	Tangram puzzles, with TikZ	Pierquet	392
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	268
tape	Generate cassette labels from a simple database	Podar	395
tapir	A simple geometrical font	Mitek	349
tasks	Horizontally columned lists	Niederberger	365
taylor	Macros for category-theoretic diagrams	Taylor	478
tbe	Extracts from "TeX by Example"	Borde	156
tccompat	Provide compatibility names for textcomp.sty	Knappen	291
tclldoc	Doc/docstrip for tcl	Hellström	252
tcltexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	466
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	340
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	466
tcvn	Vietnamese Windows support	Quy	400
tdclock	A ticking digital clock package for PDF output	Randez	404
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	499
tdsfrmath	Macros for French teachers of mathematics	Henel	254
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	266
Technica	Typesetting for the humanities	Boggio-Togna	155
technics	A package to format technical documents	Nilsson	367
technion-thesis...	Template for theses on the Technion graduate school	Shuval	447
techreport	Generate Technical Reports using USC thesis style	Cochran	183
ted	A (primitive) token list editor	Pégourié-Gonnard	388
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	131
telprint	Format German phone numbers	Oberdiek	375
telugu	(La)TeX Support for writing the Telugu Language	Mukkavilli	355
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	211
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	454
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	397
tempora	Greek and Cyrillic to accompany Times	Sharpe	445
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	193
tengwar	Font to set Tolkien's Tengwar script	Urban	510
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	224
tensind	Typeset tensors	Bezos López	322
tensor	Typeset tensors	Piff, Ratcliffe	393

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
termcal-de	German localization for termcal	Friedl	221
termcal	Print a class calendar	Mitchell	349
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	526
termlist	Label any kind of term with a continuous counter	Rellermeyer	407
termmenu	The package provides support for terminal-based menus using expl3	Allred	132
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	226
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	140
testeq	An equality test for use in MetaPost	Vieth	519
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	446
testfont	A testbed for font evaluation	Knuth	294
testhyphens	Testing hyphenation patterns	Beccari	145
testidx	Dummy text for testing index styles and indexing applications	Talbot	476
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	486
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	207
tetragonos	Four-Corner codes of Chinese characters	Yang	546
teubner	Philological typesetting of classical Greek	Beccari	145
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	161
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	341
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	252
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	182
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	431
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	252
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	252
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	268
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	268
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	268
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	268
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	268
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pianowski	269
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	268
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	268
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	268
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	268
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	147
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	542
tex-it	Controller for T <sub>E</sub> X processing	Walsh	530
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	425
tex-label	Place a classification on each page of a document	Komarath	299
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	476
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	262
tex-math	Maths mode documentation for OS/2 users	Hahn	243
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olšák	378

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	497
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	156
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	535
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	531
tex-vpat	TeX Accessibility Conformance Report	Veytsman	518
TeX	A sophisticated typesetting engine	Knuth	294
tex2bib	Extract a BibTeX database from a document source	Friendly	222
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	219
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	550
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	451
tex2rtf	TeX translator, output formats include RTF	Smart	451
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	214
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	180
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	260
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	485
texaccents	Convert composite accented characters to Unicode	Milanesi	347
texapi	Macros to write format-independent packages	Isambert, Robbers	267
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	175
texbook	The source of The T <sub>E</sub> Xbook	Knuth	294
texbuch	"The little T <sub>E</sub> XBook"	Cremer	186
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	203
texcad32	Win32 drawing package for mathematical diagrams	Unknown	508
texchord	Typeset guitar-chord diagrams	Hoffman	259
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	415
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	233
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	430
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	222
texdeps	Find the dependencies of a (La)TeX file	Cozens	186
texdiff	Compare documents and produce tagged merge	Doll, Günay	195
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	167
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	241
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	137
texdoctk	Easy access to package documentation	Ruedas, Harcombe	424
texdraw	Graphical macros, using embedded PostScript	Kabal	276
texed	A T <sub>E</sub> X shell for OS/2	Stippich	461
texemplar	A class for the journal of CervanTeX	Bezos López	322
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	208
texfilt	A (La)TeX log filter	Baker	139
TeXFindPkg	Query or install T <sub>E</sub> X packages and their dependencies	Lyu	332
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	151
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	508
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	221
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	398
texi2roff	Translate texinfo to troff	Erlebacher	206
texi2www	Converts texinfo to display on the Web	Singletary	450
texilikechaps	Format chapters with a texi-like format	Rivera	410
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	450
texindex	Simple indexing using standard Unix commands	Unknown	508
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	220
texinfo	Texinfo documentation system	Free Software Foundation	220
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	219
TeXline	A T <sub>E</sub> X-based magazine	Clark	182

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	320
texlist	Typeset program listings	Forkosh	218
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	483
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	442
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	366
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	487
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	487
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	487
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	360
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	191
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	380
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	307
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	425
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	308
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	258
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	276
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	174
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	304
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	174
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Movahhedian	354
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	535
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	156
texosquery	Cross-platform Java application to query OS information	Talbot	476
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	330
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	218
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	409
texpictex	Use tpic special commands in PiCT <sub>E</sub> X	Grunwald	240
texplate	A tool for creating document structures based on templates	Cereda	175
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	314
TeXProject	A package for project management	Bressan, Gurari	161
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	553
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	222
texshade	Package for setting nucleotide and peptide alignments	Beitz	148
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	351
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	466
texshop	TeX front end for use on MacOS X	Koch	295
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	359
texsketch	A drawing package for OS/2	Bahnes	138
texsort	Sort/compress numerical lists	Tolušis	496
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	202
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	132
TeX T1	TeX format from Washington State University	Guenther	241
text2bib	A PHP script to convert references to BibTeX	Osborne	380
textarea	Control the text area dynamically	Rozhenko	424
textcase	Case conversion ignoring mathematics, etc	Carlisle	171
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	402
textcsc	Simple commands for caps-to-small-caps text	Granet	235
textfit	Fit text to a desired size	Rahtz, Taylor	402
textglos	Typeset and index linguistic gloss abbreviations	Weber	532

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
textgreek	Upright greek letters in text	Michlmayr	345
textmerg	Merge text in $\TeX$ and $\LaTeX$	Piff, Fairbairns, Carlisle	393
textool	A SunOS DVI viewer	Ilieve	266
texttoolspro	Tools for documentation written in $\LaTeX$	Algaba	131
textopo	Annotated membrane protein topology plots	Beitz	148
textpath	Setting text along a path with MetaPost	Hennig	255
textpos	Place boxes at arbitrary positions on the $\LaTeX$ page	Gray	237
textualicomma	Use the textual comma character as decimal separator in math mode	Friedl	221
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	276
texvc	Use MediaWiki $\LaTeX$ commands	Schubotz	438
texware	Utility programs for use with $\TeX$	Knuth	294
tfmpk	A viewer for tfm and pk font files	Medini	344
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	310
tfruppee	A font offering the new (Indian) Rupee symbol	Jørgensen	275
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	539
tgrind	Produce beautiful program listings using plain $\TeX$	Jacobson	269
tgrind209	Support tgrind in $\LaTeX$ 2.09	Unknown	508
thai-rmit	A font for Thai script	Kent	280
thai-usl	A font for Thai script	Kent	280
thaienum	Thai labels in enumerate environments	Janthong	270
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	278
ThailaTeX	Typeset Thai texts with standard $\LaTeX$ classes	Karoonboonyanan	278
thaispec	Thai Language Typesetting in $\XeLaTeX$	Promkam	398
thalie	Typeset drama plays	Paternault	387
theanodidot	TheanoDidot fonts with $\LaTeX$ support	Tennent	484
theanomodern	Theano Modern fonts with $\LaTeX$ support	Tennent	484
theanooldstyle	Theano OldStyle fonts with $\LaTeX$ support	Tennent	484
theapa	APA (American Psychology Association) Reference Citation for $\LaTeX$	Ryu	425
theatre	A sophisticated package for typesetting stage plays	Hinque	257
theorem	Manipulate theorem environments	Mittelbach, $\LaTeX$ Team	351
theoremref	References with automatic theorem names	Jeřábek	272
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	375
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	245
these	Bibliography style for French theses	Herrb	255
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	496
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	305
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	405
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	308
thesis	Typeset thesis	Matiaske	339
thinsp	A stretchable $\backslash$ thinspace for $\LaTeX$	Jørgensen	275
thirteen	Print dates of Friday 13th days	Unknown	508
thmbox	Decorate theorem statements	Beffara	148
thmtools	Extensions to theorem environments	Schwarz, Chou	440
thorshammer	Assessment based on AcroTeX quizzes	Story	465
threadcol	Organize document columns into PDF “article thread”	Pakin	383
threecol	Three-column newsletter output	Unknown	508
threecolumn	$\LaTeX$ output in three columns	Greenwade	238
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	330
3DLDF	Three-dimensional drawing with MetaPost output	Finston	214
threeparttable	Tables with captions and notes all the same width	Arseneau	136
threeparttablex	Notes in longtables	Madsen	334
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	289
thsmc	Metrics and $\LaTeX$ support for Sans Mono Condensed Font	Veytsman	518



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	163
thubeamer	A beamer theme for Tsinghua University	Yang	546
thucoursework	Coursework template for Tsinghua University	Zhao	553
thumb	Thumb marks in documents	Holm Christensen	181
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	375
thumbs	Create thumb indexes	Münch	356
thumby	Create thumb indexes for printed books	Goldgaber	231
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	545
		TUNA Association	
tib	A bibliographic preprocessor	Alexander, Kremer, Kolb	130
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Schwartz, Knight, Wujastyk	439
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Emmel	205
ticollege	Graphical representation of keys on a standard scientific calculator	De Sousa	455
tidyres	Create formal resumes easily	Liang	318
tie	Allow multiple web change files	Guntermann	242
tif2eps	A PostScript program for converting TIFF files to EPS	Jackowski, Pianowski, Strzelczyk	269
tiff	The tiff graphics package	Leffler	314
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Hein	251
tikz-among-us	Create some AmongUs characters in TikZ environments	Zucattelli	555
TikZ-Bagua	Draw Bagua symbols in Yijing	WANG	531
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	Luttinen	332
tikz-bbox	Precise determination of bounding boxes in TikZ	Unknown	508
tikz-cd	Create commutative diagrams with TikZ	Stoffel	461
tikz-dependency	A library for drawing dependency graphs	Pighin	393
tikz-dimline	Technical dimension lines using PGF/TikZ	Gross	240
tikz-ext	A collection of libraries for PGF/TikZ	Unknown	508
TikZ-Feynman	Feynman diagrams with TikZ	Dohse	195
tikz-feynman	Feynman diagrams with TikZ	Ellis	204
tikz-imagelabels	Put labels on images using TikZ	Plüss	395
tikz-inet	Draw interaction nets with TikZ	de Falco	210
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	Niepraschk	366
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Laus	311
tikz-ladder	Draw ladder diagrams using TikZ	Laus	311
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	458
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	354
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucattelli	555
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	233
tikz-network	Draw networks with TikZ	Hackl	243
tikz-nfold	Triple, quadruple, and n-fold paths with TikZ	Schulz	438
tikz-opm	Typeset OPM diagrams	Hoffmann	259
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	222
tikz-page	Small macro to help building nice and complex layout materials	Gross	240
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	431
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	426
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	180
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	311
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	311
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	409
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	430
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	430
tikz-truchet	Draw Truchet tiles	Scroggs	440
tikz2d-fr	Work with some 2D TikZ commands (French)	Pierquet	392

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz3d-fr	Work with some 3D figures	Pierquet	392
TikZbricks	Drawing bricks with TikZ	Unknown	508
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	425
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	508
tikzfill	TikZ libraries for filling with images and patterns	Sturm	467
tikzinclude	Import TikZ images from collections	Schwenk, Berg	440
TikZlings	A collection of cute little animals and similar creatures	Unknown	508
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	458
TikZmarmots	Drawing little marmots in TikZ	Unknown	508
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	426
tikzpackets	Display network packets	Paciorek	381
tikzpagenodes	A single TikZ node for the whole page	Scharrer	430
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	216
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	223
Tikzpingus	Penguins with TikZ	Sihler	449
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	409
tikzscale	Resize pictures while respecting text size	Häcker	243
tikzsymbols	Some symbols created using TikZ	Vitecek	520
tikztosvg	A utility for rendering TikZ diagrams to SVG	Unknown	509
tikzviolinplots	Draws violin plots from data	Callil-Soares	169
tile-graphic	Create tiles of a graphical file	Story	465
tilings	A TikZ library for drawing tiles and tilings	Stacey	458
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	220
time-gen	Print the time (12-hour clock)	Sen	442
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	393
timeline	Typeset time-lines, for planning, etc	Unknown	509
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	402
timetab	Typeset timetables	Oetiker	376
timetable	Generate timetables	Verunek	515
timing-diagrams	Draw timing diagrams	Moy	354
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	340
tinot	Tinot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
tinyC21	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	395
tip	Macro examples from "TeX in Practice"	von Bechtolsheim	146
tipa-de	German translation of tipa documentation	Leistner	315
tipa	Fonts and macros for IPA phonetics characters	Rei	406
tipauni	Producing Unicode characters with TIPA commands	Unknown	509
tipfr	Produces calculator's keys with the help of TikZ	De Sousa	455
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezoz López	322
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	266
titlecaps	Setting rich-text input into Titling Caps	Segletes	441
titlefoot	Add special material to footer of title page	Presnell	398
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	440
titlepages	Sample titlepages, and how to code them	Wilson	539
titlepic	Add picture to title page of a document	ten Cate	174
titleps	Page style control	Bezoz López	322
titleref	A "\titleref" command to cross-reference section titles	Arseneau	136
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	469
titlesec	Select alternative section titles	Bezoz López	322
titletoc	Alternative headings for toc/lof/lot	Bezoz López	322
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	414
tkbibtex	A portable editor and browser for BibTeX files	Corke	185
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	319
tkhyph	Hyphenation patterns for Turkish	MacKay	333

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	465
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	339
tkz-berge	Macros for drawing graphs of graph theory	Matthes	339
tkz-bernoulli	Draw Bernoulli trees with TikZ	Pierquet	392
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	339
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	339
tkz-fct	Tools for drawing graphs of functions	Matthes	339
tkz-graph	Draw graph-theory graphs	Matthes	340
tkz-kiviat	Draw Kiviat graphs	Matthes	340
tkz-linknodes	Link nodes in mathematical environments	Matthes	340
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	527
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	340
tkzexample	Package for the documentation of all tkz-* packages	Matthes	340
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	302
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	263
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	350
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	349
tlc3-examples	All examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, third edition	Mittelbach	349
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	397
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	421
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	467
tlmgrBasics	A simplified documentation for tlmgr	Tennent	484
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	346
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	433
tmview	A DVI previewer for SVGA displays	Moor	351
to-be-determined	Highlight text passages that need further work	Bugayenko	165
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	554
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	509
tocbasic	Management of tables/lists of contents (and the like)	Kohm	298
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	414
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	200
tocenter	Centring (and other) Page Layout	Rozhenko	424
tocloft	Control table of contents, figures, etc	Robertson, Wilson	414
tocstyle	Define style of Table of contents (etc) files	Kohm	298
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	414
todo	Make a to-do list for a document	Garcia-De Castro	174
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	346
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	269
tokcycle	Build tools to process tokens from an input stream	Segletes	441
tokenizer	A tokenizer	Herpers	255
tolkienfonts	Use TTF “Tolkien” fonts from the WWW with pdfTeX	Barton	142
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	177
toolbox	Tool macros	Väth	513
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	208
topfloat	Move floats to the top of the page	Macchia	333
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	160
TOPletter	Letter class for the Politecnico di Torino	Torchiano	496
topsection	An un-numbered top level section	Rozhenko	424
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	145
totalcount	Commands for typesetting total values of counters	Sommerfeldt	454
totcount	Find the last value of a counter	Koutavas	300
totpages	Count pages in a document, and report last page number	Müller	355
tpcmfont	Computer modern fonts in “true point sizes”	Knuutila	295
tpic2pdftex	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	254

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	314
TpX	A drawing tool for Windows	Tsyplakov	499
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	458
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	206
trace	Make sensible use of T <sub>E</sub> X tracing in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
tracking	Adjust tracking of strings	Glazkov	229
tracklang	Language and dialect tracker	Talbot	476
trademarks	A collection of trademarks and the like	Unknown	509
trajan	Fonts from the Trajan column in Rome	Wilson	539
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
tramlines	A package for creating tramlines (lines above and below a title used by lawyers in the UK)	Granet	235
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	156
transfig	Transform xfig pictures into many other formats	Smith	452
translation-arr...	French translation of the documentation of array	Drucbert	198
translation-ars...	German version of arsclassica	Römer, Gessinger	418
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	418
translation-boo...	French translation of the documentation of booktabs	Drucbert	198
translation-che...	German version of chemsym	Römer, Heuke	418
translation-dco...	French translation of the documentation of dcolumn	Drucbert	198
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	418
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	329
translation-eur...	German version of europecv	Römer, Fischer	418
translation-fil...	German version of filecontents	Römer, Berndt	418
translation-foo...	A German translation of the documentation of footmisc	Römer	418
translation-mor...	German version of moreverb	Römer, Biniok	418
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	198
translation-pst...	A German translation of the documentation of pst-jtree	Römer	418
translation-tab...	French translation of the documentation of Tabbing	Drucbert	198
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	365
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	543
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	534
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	375
tree-dvips	Trees and other linguists' macros	Pease	387
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	206
treesvr	Tree macros	Vanroose	512
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	154
treetex-plain	Draw trees	Brueggemann-Klein, Wood	163
trfsigns	Typeset transform signs	Rascher	404
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	479
trimspaces	Trim spaces around an argument or within a macro	Robertson	411
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	543
trsym	Symbols for transformations	Holfert	261
truchet	Truchet tiling in MetaPost	Roegel	416
truecols	Colour facilities for SliTeX	Love	326
truetypermetrics	Metrics for some TrueType font families	Penninga	389
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	142
truncate	Truncate text to a specified width	Arseneau	136
truthtable	Automatically generate truth tables for given variables and statements	Flück	217
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	484
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	367
tsemllines	Support for the ancient \emline macro	Schlemmer	431
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	244

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tsvtemplate	Apply a template to a tsv file	Renkema	408
tt2001	Type 1 EC fonts generated by $\TeX$ trace	Szabó	472
ttf-howto	Using TrueType fonts with $\TeX$ systems	Harders	248
ttf2mf	Convert True Type fonts to Metafont	Motygin	354
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	316
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siebert, Henlich	532
ttf2tex	Use TrueType fonts with $\text{teTeX}$	Lehman	314
ttftogf	Convert True Type fonts to GF format	Vasil'ev	513
tth	A $\TeX$ to HTML translator	Hutchinson	265
ttn	TeX and TUG news archive	Thiele	492
ttt	A Tibetan Transcript Transliterator for $\text{L}^{\text{A}}\TeX$	Steiner	460
tucv	Support for typesetting a CV or résumé	Louthan	326
tuda-ci	$\text{L}^{\text{A}}\TeX$ templates of Technische Universität Darmstadt	Peischl	389
tudscr	Corporate Design of Technische Universität Dresden	Hansch	245
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	230
tugboat-plain	Plain $\TeX$ macros for TUGboat	Beeton, Berry	147
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	147
tugboat	$\text{L}^{\text{A}}\TeX$ macros for TUGboat articles	Fairbairns, Berry	208
tui	Thesis style for the University of the Andes, Colombia	Vaughan	514
turabian-format...	Formatting based on Turabian's Manual	Abdool	128
turabian	Create Turabian-formatted material using $\text{L}^{\text{A}}\TeX$	Surber	467
turkish	$\text{L}^{\text{A}}\TeX$ Support for Typesetting Turkish	MacKay	333
turkishintro	An introduction to $\text{L}^{\text{A}}\TeX$ , in Turkish	Rakhimov	403
turkmen	Babel support for Turkmen	Annagurban	133
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	164
turnthepage	Provide "turn page" instructions	Merciadri	345
TVS	TeX Versioning System	Antos	133
twcal	Calligraphic font for typesetting handwriting	Weinmann	533
tweb	A web system for $\TeX$ macro sources	Bzyl	168
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	552
twemojis	Use Twitter's open source emojis through $\text{L}^{\text{A}}\TeX$ commands	Rosell	419
twocolumns	Knuth's two-column output macros	Knuth	294
2in1	Print two pages on a single page	Saxena	427
twoopt	Definitions with two optional arguments	Oberdiek	375
twoside	Two-side typesetting in Plain $\TeX$	Unknown	509
twoup-gen	Macros to print two-up	Van Zandt, Voß	551
twoup1tx	Print two virtual pages on each physical page	Hansen	245
txfonts	Times-like fonts in support of mathematics	Ryu	425
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	498
txgreek	Shape selection for TX fonts Greek letters	Burnol	167
txp	Draw text along a path	Muelas	354
txt	Output documents via terminals, line printers, etc	Droms	197
txt2latex	Convert text by fixing special chars and quote marks	Miller	348
txt2tex	Add $\text{L}^{\text{A}}\TeX$ markup to plain text	Jansons	270
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	445
type1cm	Arbitrary size font selection in $\text{L}^{\text{A}}\TeX$	Carlisle	171
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	522
typearea	Set page margins	Kohm, Neukam	299
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in $\text{L}^{\text{A}}\TeX$	Grewe	239
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	441
typeface	Select a balanced set of fonts	Jones	273
typehtml	Typeset HTML directly from $\text{L}^{\text{A}}\TeX$	Carlisle	171
typeoutfileinfo	Display class/package/file information	Lück	328
typespec	Create font samplers	Moye	354
typewriter	Typeset with a randomly variable monospace font	Carlisle	171



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
typicons	Font containing a set of web-related icons	Vigil	519
typoid	Macros for font diagnostics	Ratti	404
typografie	A tutorial on typography	Reichert	406
typogrid	Print a typographic grid	Harders	248
tzplot	Plot graphs with TikZ abbreviations	Cho	180
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	395
uaclasses	University of Arizona thesis and dissertation format	Oliver	377
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	261
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	188
uassign	Environments and options for typesetting university assignments	Esau	206
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	550
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	521
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	440
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	172
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	277
ucph-revy	Musical script formatting	Levin Hansen	245
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	272
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	141
ucthesis	University of California thesis format	Gildea	228
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	357
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	163
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	438
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	130
uestcthesis	Thesis class for UESTC	Fujun	222
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	222
ugarite	Fonts for Ugaritic cuneiform script	Wilson	539
ugaritic	A font for Ugaritic	Stanier	459
uhc	Fonts for the Korean language	Un	501
uhassignment	A document class for typesetting homework assignments	Wittenburg	540
uhrzeit	Time printing, in German	Meltzer	344
unthesis	University of Houston thesis document style	Georgakopoulos	226
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	383
uiucthesis	UIUC thesis class	Czoschke, Hull	187
ukbill	A class for typesetting UK legislation	Granet	235
ukdate	Typeset date in a UK-ish form	Clark	182
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	543
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	448
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	509
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	500
ulem	Package for underlining	Arseneau	136
ulqda	Support of Qualitative Data Analysis	Griffin	239
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	231
ulsy	Extra mathematical characters	Goldschmitt	231
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	311
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	384
umbclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	190
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	287
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	229
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	454

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
umoline	Underline text allowing line breaking	Nakashima	360
umrand	Package for fancy box frames	Schrell, Hörstmeier	436
umthesis	Dissertations at the University of Michigan	Felty	211
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	470
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	155
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	514
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	221
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	212
uncial	Uncial manuscript book-hand font	Wilson	539
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	250
underlin-generic	Multi-word underlining	Gildea	228
underlin	Underlined running heads	Schöpf	435
underoverlap	Position decorations over and under expressions	Helvensteijn	253
underscore	Control the behaviour of “_” in text	Arseneau	136
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	509
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	144
undolabl	Override existing labels	Münch	356
undump	Make a new executable with format loaded	Thomas	493
unfinished	Mark unfinished parts of a document	Unknown	509
unfonts-core	TrueType version of Un-fonts	Un	501
unfonts-extra	TrueType version of Un-fonts	Un	501
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	299
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	188
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	188
unicode-alphabets	Macros for using characters from Unicode’s Private Use Area	Eriksen	206
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	282
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Wright, L <sup>A</sup> T <sub>E</sub> X Team	543
unicode-math-input	Allow entering Unicode symbols in math formulas	user202729	511
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	412
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	271
unicodfonttable	A Unicode font table generator	Mittelbach	349
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	152
unifront	Give notes a unique front page for every chapter and section	Wei	533
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	389
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	553
uninormalize	Unicode normalization support	Hoftich	260
uniquecounter	Provides unlimited unique counter	Oberdiek	375
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	509
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	228
unitconv	Convert a length into one with another unit	Voß	526
unitipa	TIPA typefaces with Unicode characters as input	Unknown	509
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	401
units	Typeset units	Reichert	407
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	246
universa	Herbert Bayer’s ‘universal’ font	Holm Christensen	181
universalis	Universalis font, with support	Tennent	484
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	456
unixman	Typeset to look like Unix man output	Barton-Davis	142
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	347
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	343
unpacked	Unpacked copy of the L <sup>A</sup> T <sub>E</sub> X sources	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach, Lamport	491

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	217
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	344
unswthesis	UNSW theses	Zaitseff	550
untex	Strip (La)T <sub>E</sub> X commands from source file	Staats, Endisch	457
uol-physics-report	A L <sup>A</sup> T <sub>E</sub> X document class for writing lab reports	Suchard	467
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	132
uowthesis	Document class for dissertations at the University of Wollongong	Ye	549
uowthesistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	240
upca	Print UPC-A barcodes	Mrkus	354
updatemarks	Extract and update marks from boxes	Unknown	509
upgreek	Upright Greek letters	Schmidt, Harcombe	433
uplatex	pLaTeX2e and miscellaneous macros for upT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	334
upmendex	Multilingual index processor	Tanaka	477
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	224
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	283
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	186
upref	Ensure references are upright	The AMS	486
uptex-base	Plain T <sub>E</sub> X formats and documents for upT <sub>E</sub> X	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	334
uptex-fonts	Fonts for use with upT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	334
uptex	Unicode version of pT <sub>E</sub> X	Tanaka	477
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pT <sub>E</sub> X	Zhang	553
urcls	Beamer and scr <sub>l</sub> tr2 classes and styles for the University of Regensburg	Peischl	389
uri	Hyperlinks for a wide range of URIs	Münch	356
url	Verbatim with URL-sensitive line breaks	Arseneau	136
urlbst	Web support for BibT <sub>E</sub> X	Gray	237
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	510
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	511
URW-base35	URW 'Base 35' font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	510
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	433
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	511
urw	URW free font support	URW GmbH	510
urwchancal	Use URW's clone of Zapf Chancery as a maths alphabet	Sharpe	445
urwvf	Support for use of free URW fonts	Wierzbicki	535
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	183
usebib	A simple bibliography processor	Gregorio	239
usenix	Style option to do Usenix conference proceedings	Steiner	460
ushort	Shorter (and longer) underlines and underbars	Väth	513
ushyph	US hyphenation patterns	Kuiken	305
uspace	Giving meaning to various Unicode space characters	Haisman	243
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	399
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	491
ut-backref	Modified backref	Utcke	511
ut-thesis	University of Toronto thesis style	Pitt, Knight	395
utexasthesis	University of Texas at Austin graduate thesis style	Brown	163
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	289
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	275
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	168

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
utfsym	Provides various Unicode symbols	Spittank	455
util-half	A half-tone font	Unknown	509
utopia	Adobe Utopia fonts	Adobe	128
utorontothesis	A thesis class definition for University of Toronto	Bernecky	150
utthesis	Thesis package for the University of Texas at Austin	Das	190
uvalletter	Unofficial letterhead template for the University of Amsterdam	Piazzai	390
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	393
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	393
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	393
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	393
uwmslide	Slides with a simple Power Point like appearance	Benedict	149
uwthesis	University of Washington thesis class	Fox	219
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	219
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	329
vak	BibTeX style for Russian Theses, books, etc	Melnikov	344
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	147
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	283
variations	Typeset tables of variations of functions	Obrecht	376
varindent	Make paragraph indentation match the length of the line above	Arseneau	136
varindex	Luxury frontend to the \index command	Väth	513
varioref	Intelligent page references	Mittelbach	349
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	262
varsects	A simple package for controlling headings	Taupin	478
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	554
varwidth	A variable-width minipage	Arseneau	136
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	321
vc	The vc (version control) bundle	Hennig, Hieber	255
vcell	Vertical alignment of content inside table cells	Dionne	194
vdm	Typesetting VDM schemas	Wolczko	540
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	311
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	202
venn	Creating Venn diagrams with MetaPost	Hefferon	250
venndiagram	Creating Venn diagrams with TikZ	Talbot	476
venturisADF	Venturis ADF fonts collection	Harendal, Rees	249
verbasef	VERBatim Automatic Splitting of External Files	Thompson	493
verbatim-gen	Generic macros for setting text verbatim	Taylor	479
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	509
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	147
verbatim	Reimplementation of and extensions to L <sup>A</sup> T <sub>E</sub> X verbatim	Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	435
verbatimbox	Deposit verbatim text in a box	Segletes	441
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	334
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	209
verbinp	"8-bit" verbatim	Perske	390
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	554
verbtex	Verbatim, interpreting non-ascii text	Perske	390
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	353
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	188
verifica	Typeset (Italian high school) exercises	Dossena	196
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	400
verse	Aids for typesetting simple verse	Robertson, Wilson	414
version	Conditionally include text	Bellantoni, Arseneau	149
versions	Optionally omit pieces of text	Lück	328

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
versionotes	Display brief notes on verso pages	Gray	237
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	414
vertex	Styles for economics working papers and journals	Varian	513
vf-howto	Tutorial on creating virtual fonts	Schmitz	434
vf-knuth	Knuth on virtual fonts	Knuth	294
vfcomb	VF author support	Berdnikov	150
vfinst	Virtual font installation support	Hoenig	258
vfware	Tools for virtual font metrics	Knuth	294
vgrid	Overlay a grid on the printed page	Lawrence	312
vhistory	Support for creating a change log	Wertenaue	534
vicentino	Vicentino fonts	Kraml, Kilfiger	301
vietnet	Preprocessor and macros for Vietnamese	Tran	496
viipart	7pt-article class	Zadka	550
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	554
vispeech	Using Bell's Visible Speech alphabet	Shoulson	447
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	276
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	383
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	174
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	417
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	174
vita	Configurable class for curricula vitarum	Brodnik	162
vita209	A Curriculum Vitae style	Border	157
vmargin	Set various page dimensions	Kuhlmann	304
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	209
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	291
vntr-x-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	300
vntr-x	Support for Vietnamese	Thành, Lemberg, Kotucha	485
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	515
volumes	Typeset only parts of a document, with complete indexes etc	Küster	306
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	526
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	526
vowel	Draw vowel charts for phonetic research	Rei	406
vpage	Set page sizes	Kuhlmann	304
vpe	Source specials for PDF output	Oberdiek	375
vplutils	Manipulate (virtual) property lists	Duggan	199
vpp	View and (selectively) Print PDF and PostScript	Dekker	191
vrbl	Verbatim macros in plain T <sub>E</sub> X	van der Laan	307
vrblxin	Verbatim input support	Thompson	493
vrslon	Add version number to a DVI file	Dahlgren	188
vruler	Numbering text	Jiang	273
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	295
vtable	Vertical alignment of table cells	Paciorek	381
VTeX/Free	TeX system and PDF support for Linux and OS/2	MicroPress	346
vutex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	540
vvcode	Reliable encoder for binary files via email	Kempson	280
vwcol	Variable-width multiple text columns	Robertson	412
vxu	Document classes for Vaxjo University	Nyqvist	369
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	433
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	276
wadalab	Wadalab (Japanese) font packages	Lemberg	316
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	152
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	536
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	181



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
warning	Global warnings at the end of the logfile	Harders	248
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	415
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	433
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	258
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	529
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	283
watermark	Draw “watermarks” on the output page	Rozhenko	424
weave	Generate T <sub>E</sub> X source from web	Knuth	294
web	The original literate programming system	Knuth	294
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	532
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	424
web9pt	Nine-point web listings	Unknown	509
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	233
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	397
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	539
webmacss	Use sans serif font in Web listings	Unknown	510
webomints	Webomints font support	Loreti	326
WebQuiz	Write interactive web based quizzes	Mathas	338
weekday	Generate “day of week”	Vulis	528
wheelchart	Draw wheelcharts with TikZ	Floré	217
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	383
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	535
widetable	An environment for typesetting tables of specified width	Beccari	145
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	350
wiggly	Draw wiggly lines under text	Garavelli	224
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	329
williams	Miscellaneous macros by Peter Williams	Williams	536
willowtreebook	Easy basic book class, built on memoir	McKay	342
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	300
window	Create windows in paragraphs	Schalück	428
windvi	MS-Windows DVI viewer	Popineau	396
windycity	A Chicago style for BibLaTeX	Chase	176
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	450
winemtex	EmTeX for windows	Unknown	510
Winfonts	Use fonts distributed with Windows XP	Pichaureau	391
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	407
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	155
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	354
withargs	In-place argument substitution	Helvensteijn	253
witharrows	“Aligned” math environments with arrows for comments	Pantigny	384
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	149
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	355
wmf2eps	Windows metafile conversion	Schulter	438
wmf2epsc	Windows metafile conversion	Schulter	438
wncyr	University of Washington cyrillic fonts	The AMS	486
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	384
wnri	Ridgeway’s fonts	Ridgeway, Pandey	409
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	510
woctag	Generate the German weekday name for a date	Schrell	436
Woff2OT	Woff to OpenType converter	Frane Jr	275
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	155
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	180
word2x	Word 6 format converter	Simpson	450
wordcloud	Drawing wordclouds with MetaPost and Lua	Chupin	181
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	197

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
wordle	Create wordle grids	Pierquet	392
wordlike	Simulating word processor layout	Fenn	211
WordML2LaTeX	XSLT to transform a WordML file to a LaTeX2e source	Dambra	189
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	540
worksheet	Easy creation of worksheets	Zöllner	555
worldflags	Drawing flags with TikZ	Haager	242
wotree	Draw Warnier/Orr diagrams	Gurari	242
WP2LaTeX	Convert WordPerfect documents to LaTeX	Fojtik	218
wrapfig	Produces figures which text can flow around	Arseneau	136
wrapfig2	Wrap text around figures	Beccari	145
wrapstuff	Wrapping text around stuff	Lee	313
wright	Define commands with optional arguments	Unknown	510
WriteOnGrid	Write on grid lines	Pierquet	392
wrtfile	Write TeX files from a TeX document	Smith	452
wsemclassic	LaTeX class for Bavarian school w-seminar papers	Rosenberger	419
wsuipa	International Phonetic Alphabet fonts	Guenther	241
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	289
WTRef	Extend LaTeX's cross-reference system	Asakura	137
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	388
xarticle	A LaTeX 2.09 document style with 7pt, 8pt and 9pt options	Unknown	510
xassocnt	Associated counters stepping simultaneously	Hupfer	265
xbibfile	Create and search BibTeX databases	Maloney	335
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	280
xbmks	Create a cross-document bookmark tree	Story	465
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	216
XCharter	Extension of Bitstream Charter fonts	Sharpe	445
xcite	Use citation keys from a different document	Gregorio	239
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	313
xcmr	A crossed-out version of Computer Modern	Unknown	510
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	265
xcoffins	Rich boxed material for LaTeX 3	LaTeX Team	491
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	379
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	187
xcolor	Driver-independent color extensions for LaTeX and pdfLaTeX	Kern, LaTeX Team	280
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	551
xcookybooky	Typeset (potentially long) recipes	Harder	247
xcpdftips	Natbib citations with PDF tooltips	Kocic	295
xdoc	Extending the LaTeX doc system	Hellström	252
xduthesis	XeLaTeX template for writing Xidian University Thesis	Qi	399
xduts	Xidian University TeX Suite	Unknown	510
xdvi	A DVI previewer for the X Window System	Vojta	521
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	405
xexchangebar	An extension of package changebar that can be used with XeLaTeX	Syropoulos	470
xecjk	Support for CJK documents in XeLaTeX	Lee, Liu, Sun, Jiang	313
xecolor	Support for color in XeLaTeX	Khalighi, bidi-tex GitHub Organisation	282
xecolour	Support for colour in XeLaTeX	Khalighi, bidi-tex GitHub Organisation	282
xecyr	Using Cyrillic languages in XeTeX	Shipunov	447
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	470
xeindex	Automatic index generation for XeLaTeX	Isambert, Robbers	267
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	233

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	354
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	282
xesearch	A string finder for XeTeX	Isambert, Robbers	267
xesoul	Use the soul package with X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	470
xespotcolor	Spot colours support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	470
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	333
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	175
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	352
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	460
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	470
xetex-itrans	Itrans input maps for use with X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	128
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	446
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	460
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	281
xetexfontinfo	Report font features in XeTeX	Kew	281
xetexko	Typeset Korean with Xe(La)TeX	Kim	284
XeTeXref	Reference documentation of XeTeX	Robertson, Berry	412
xevlna	Insert non-breakable spaces using XeTeX	Wagner	529
xfakebold	Fake a regular font for bold characters	Voß	526
xfig	XWindows vector drawing program	Smith	452
xfor	A reimplementation of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	476
xfp	Interface to the L <sup>A</sup> T <sub>E</sub> X3 floating point unit	L <sup>A</sup> T <sub>E</sub> X Team	491
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	260
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	491
xgreek	Greek Language Support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	470
xhfill	Extending \hrulefill	Voß	526
xifthen	Extended conditional commands	Noirel	367
xii-lat	Christmas silliness (Latin)	Carlisle	172
xii	Christmas silliness (English)	Carlisle	172
xindex	Unicode-compatible index generation	Voß	526
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	282
xindy	A general-purpose index processor	Kehr, Schrod	279
xint	Expandable operations on long numbers	Burnol	167
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	167
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	457
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	262
xkcdcolors	xkcd names of colors	Giannetti	227
xkeyval	Extension of the keyval package	Adriaens	129
xkvltxp	Provision for expandable macros in package options	Adriaens	129
xkvview	Xkeyval viewer	Adriaens	129
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	163
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	197
xlop	Calculates and displays arithmetic operations	Charpentier	176
xltable	Longtable support with possible X-column specifier	Voß, Niepraschk	527
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	412
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	456
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	284
xmltex	Support for parsing XML documents	Carlisle	172
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	453
xmthesis	XMU thesis style	Cao	169

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	367
xoptarg	Expandable macros that take an optional argument	Noirel	367
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	491
xpatch	Extending etoolbox patching commands	Gregorio	239
xpdf	Viewing and manipulating PDF files	Noonburg	367
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	193
xpeek	Define commands that peek ahead in the input stream	Salomon	426
xpiano	An extension of the piano package	Gregorio	239
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	223
xpinyin	Automatically add pinyin to Chinese characters	Lee	313
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	264
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	404
xq	Support for writing about xiangqi	Weinhold, Pipping	533
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	172
xr	References to other L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, Drucbert, L <sup>A</sup> T <sub>E</sub> X Team	172
xrefwarn	Only one warning for an undefined citation	Verwer	515
xsavebox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	235
xsim	eXercise Sheets IMproved	Niederberger	365
xskak	An extension to the skak package for chess typesetting	Fischer	216
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	172
xstring	String manipulation for (La)TeX	Tellechea	480
xtab	Break tables across pages	Robertson, Wilson	414
xtcpts	Defining language-dependent text macros	Fricke	221
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	309
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	491
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	451
XteXShell	A shell/editor	Hofmann	259
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	424
xtuthesis	XTU thesis template	Dongdong	196
xunicode	Generate Unicode characters from accented glyphs	Moore	352
xurl	Allow URL breaks at any alphanumerical character	Voß	526
xwatermark	Graphics and text watermarks on selected pages	Musa	359
xwpick	Pick an image from an X display	Chernyaev	178
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	521
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	419
xymtex	Typesetting chemical structures	Fujita	222
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	169
xypic	Flexible diagramming macros	Rose, Moore	419
xytree	Tree macros using XY-Pic	Un	501
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	155
yafoot	A bundle of miscellaneous footnote packages	Nakashima	360
yagusylo	A symbol loader	Henel	254
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	233
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	207
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	333
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	246
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	153

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
yax	Yet Another Key System	Isambert, Robbers	267
yazd-thesis	A template for the Yazd University	Damanafshan	189
yb-book	Template for YB Branded Books	Bugayenko	165
ycbook	A versatile book class	Cherem	178
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	430
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	353
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	216
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	162
yfonts	Support for old German fonts	Schmidt, Preining	433
yfrak	Old German Fraktur font	Haralambous	246
ygoth	Old German Gothic font	Haralambous	246
ymath	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	246
yi4latex	Yi (Southern Chinese) support	Corff	185
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	436
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	246
yinit	Old German decorative initials	Haralambous	246
york-thesis	A thesis class file for York University, Toronto	Gall	224
young	Young tableaux	Knappen, Wormer	292
youngtab	Typeset Young-Tableaux	Börchers	156
yplan	Daily planner type calendar	Nickalls, Harders	363
yquant	Typesetting quantum circuits in a human-readable language	Desef	193
yswab	Old German Schwabacher font	Haralambous	246
yt4pdf	Play YouTube videos in a PDF	Story	465
ytableau	Many-featured Young tableaux and Young diagrams	Reich	406
ytex	Macro package developed at MIT	Brotsky	162
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	510
zahl2string	Format numbers as German words	Sauer	427
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	347
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	146
zebra-goodies	A collection of handy macros for paper writing	Xue	545
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	190
zed	Typeset Z specifications	Spivey	456
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	223
zennote	Streamline your note-taking process!	Liang	318
zero	Start list (etc.) numbering at zero	Verhoeff	514
zhlineskip	Line spacing for CJK documents	Zhang	552
zhlipsum	Chinese dummy text	Zeng	552
zhmakeindex	Makeindex replacement for Chinese users	Liu	320
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	320
zhmetrics-uptex	Chinese font metrics for upTeX	Liu	320
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	531
zhnumber	Typeset Chinese representations of numbers	Lee	313
zhspacing	Spacing for mixed CJK-English documents in XeTeX	Dian, Lee	194
ziffer	Conversion of punctuation in maths mode	Väth	513
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	308
zip	Barcodes for USA ZIP code	Smith	452
zitie	Create CJK character calligraphy practicing sheets	Unknown	510
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	445
zootaxa-bst	A BibTeX style for the journal Zootaxa	Ballen	140
zref-check	Flexible cross-references with contextual checks based on zref	Barros	141
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	141
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	141



Package	Caption	Author	Page
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	375
zwggetfdate	Get package or file date	Wagner	529
zwpagelayout	Page layout and crop-marks	Wagner	529
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	184
zxjafbfont	Fallback CJK font support for xeCJK	Yato	548
ZXjafont	Set up Japanese font families for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	548
ZXjatype	Standard conforming typesetting of Japanese, for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	548
ZzTeX	A full-featured T <sub>E</sub> X macro package for producing books, journals, and manuals	Anagnostopoulos	132

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 URL: <https://ctan.org/pkg/consdiag>  
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- *The fancyhdrboxed package. Elaborate page headers, specified in a non-L<sup>A</sup>T<sub>E</sub>X language*. 2018-09-15. Version 1.0. LICENSE: gpl. Easy and fast creation of page headers for the documentation of Software Engineering Projects, using a mini language implemented in python that generates code that is then embedded in headers specified in the usual way, using .  
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 MIRROR: <https://mirror.ctan.org/support/fancyhdrBoxed>
  - *The gentabtex package. Python helper for creating tables*. 2021-03-24. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/support/gentabtex>
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 URL: <https://ctan.org/pkg/grapher>  
 MIRROR: <https://mirror.ctan.org/support/grapher>
  - *The TeEncontreX package. Help for users of T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/teencontrex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/TeEncontreX>
  - *The texttoolspro package. Tools for documentation written in L<sup>A</sup>T<sub>E</sub>X*. 2019-11-14. Version 1.1. LICENSE: other-free. A small set of utilities for doing documentation in L<sup>A</sup>T<sub>E</sub>X intended mainly for programmers. Includes: for creating structured boxes, one inside another so the structure of data and functions can be easily shown; , a front-end filter of L<sup>A</sup>T<sub>E</sub>X-modified code, so you can write sections in a relative way; and , a L<sup>A</sup>T<sub>E</sub>X class that allows up to 14 levels of nesting, needed for doing documentation.  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/fast-diagram>
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 URL: <https://ctan.org/pkg/newspaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newspaper>
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 MIRROR: <https://mirror.ctan.org/web/clip>

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

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

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 URL: <https://ctan.org/pkg/lingtrees>  
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 URL: <https://ctan.org/pkg/textsurgery>  
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URL: <https://ctan.org/pkg/oxford>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/oxford>

Antos, David. *The TVS package. TeX Versioning System*. 2016-06-24. Version 1.28. LICENSE: gpl  
URL: <https://ctan.org/pkg/tvs>  
MIRROR: <https://mirror.ctan.org/support/TVS>

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URL: <https://ctan.org/pkg/calorie>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/calorie.sty>

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URL: <https://ctan.org/pkg/circuit-macros>  
MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)

Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files*. 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but can process more than one change file at the same time.  
URL: <https://ctan.org/pkg/knit>  
MIRROR: <https://mirror.ctan.org/web/knit>

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URL: <https://ctan.org/pkg/arraymaker>  
MIRROR: <https://mirror.ctan.org/support/arraymaker>

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URL: <https://ctan.org/pkg/cluttex>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>

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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/strands>

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

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

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

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayer>
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 URL: <https://ctan.org/pkg/longfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
- *The statrep package. Displays SAS code and results of running the code*. 2017-04-18. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/statrep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
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 URL: <https://ctan.org/pkg/gloss>  
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 URL: <https://ctan.org/pkg/mkpkfontdir>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
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 URL: <https://ctan.org/pkg/braket>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>
- *The cancel package. Place lines through maths formulae*. 2016-06-24. Version 2.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/cancel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
  - *The cases package. Numbered cases environment*. 2020-04-03. Version 3.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cases>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cases>
  - *The chapterbib package. Multiple bibliographies in a document*. 2016-06-24. Version 1.17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chapterbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite package. Improved citation handling in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 5.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite-bundle package. Citation management bundle*. 2016-06-24. LICENSE: other-free. A collection of packages related to managing citations:  
 URL: <https://ctan.org/pkg/cite-bundle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The dotseqn package. Flush left equations with dotted leaders to the numbers*. 2016-06-24. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dotseqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>
  - *The drftcite package. Print the bibliography in "draft" mode*. 2018-01-06. Version 3.91. LICENSE: other-free  
 URL: <https://ctan.org/pkg/drftcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>
  - *The framed package. Framed or shaded regions that can break across pages*. 2016-06-24. Version 0.96. LICENSE: other-free  
 URL: <https://ctan.org/pkg/framed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/framed>
  - *The fwlw package. Get first and last words of a page*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/fwlw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
  - *The import package. Establish input relative to a directory*. 2020-04-03. Version 6.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/import>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/import>
  - *The longdiv package. Long division arithmetic problems*. 2020-04-11. Version 1. LICENSE: pd. Work out and print integer long division problems. Use: . The numerator and denominator (divisor and dividend) must be integers, and the quotient is an integer too. leaves the remainder from the division at the bottom of its diagram of the problem.

- URL: <https://ctan.org/pkg/longdiv>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/longdiv.tex>
- Arseneau, Donald. *The magaz package. Magazine layout.* 2016-06-24. Version 0.4. LICENSE: other-free  
URL: <https://ctan.org/pkg/magaz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magaz>
- *The nolbreaks package. No line breaks in text.* 2016-06-24. Version 1.2. LICENSE: pd. Use to prevent line breaks in “some text”. This has the advantage over that glue (rubber space) remains flexible. Most common cases are handled here ( is disabled, for example) but spaces hidden in macros or can still create break-points.  
URL: <https://ctan.org/pkg/nolbreaks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc.* 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://ctan.org/pkg/notoccite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
  - *The nth package. Generate English ordinal numbers.* 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
URL: <https://ctan.org/pkg/nth>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document.* 2016-06-24. Version 2.2b. LICENSE: l<sup>a</sup>tp<sub>s</sub>  
URL: <https://ctan.org/pkg/optional>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/oubraces>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
  - *The overcite package. Compressed lists of superscript numerical citations.* 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
URL: <https://ctan.org/pkg/overcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement.* 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
URL: <https://ctan.org/pkg/placeins>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place.* 2016-06-24. Version 2.0. LICENSE: pd. This T<sub>E</sub>X file provides various mechanisms (for plain T<sub>E</sub>X and close relatives) to let insertions (footnotes, topins, pageins, etc.) float within their appropriate section, but to prevent them from intruding into the following section, even when sections do not normally begin a new page. (If your sections normally begin a new page, just use to flush out insertions.)  
URL: <https://ctan.org/pkg/placeins-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>
  - *The random package. Generating “random” numbers in T<sub>E</sub>X.* 2020-04-15. Version 0.2. LICENSE: pd  
URL: <https://ctan.org/pkg/random>  
MIRROR: <https://mirror.ctan.org/macros/generic/random>
  - *The removefr package. Remove from counter-reset lists.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/removefr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>
  - *The sansmath package. Maths in a sans font.* 2016-06-24. Version 1.1. LICENSE: pd. The package defines a new math version , and a command that behaves somewhat like  
URL: <https://ctan.org/pkg/sansmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sansmath>
  - *The selectp package. Select pages to be output.* 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/selectp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selectp>

- Arseneau, Donald. *The shapepar package. A macro to typeset paragraphs in specific shapes*. 2018-01-06. Version 2.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/shapepar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shapepar>
- *The tabs package. Better vertical spacing in tables and arrays*. 2016-06-24. Version 3.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tabs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabs>
  - *The tabto-generic package. "Tab" to a measured position in the line*. 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://ctan.org/pkg/tabto-generic>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/tabto.tex>
  - *The tabto-ltx package. "Tab" to a measured position in the line*. 2019-03-05. Version 1.4. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/tabto-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabto>
  - *The threeparttable package. Tables with captions and notes all the same width*. 2016-06-24. LICENSE: other-free. Provides a scheme for tables that have a structured note section, after the caption. This scheme provides an answer to the old problem of putting footnotes in tables — by making footnotes entirely unnecessary. Note that a is not a float of itself; but you can place it in a or a environment, if necessary.  
 URL: <https://ctan.org/pkg/threeparttable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttable>
  - *The titleref package. A "titleref" command to cross-reference section titles*. 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://ctan.org/pkg/titleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titleref>
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 URL: <https://ctan.org/pkg/truncate>  
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 URL: <https://ctan.org/pkg/zref-check>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>
  - *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref.* 2023-08-14. Version 0.4.2. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.  
 URL: <https://ctan.org/pkg/zref-clever>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
  - *The zref-vario package. Extended L<sup>A</sup>T<sub>E</sub>X page cross-references with varioref and zref-clever.* 2023-08-15. Version 0.1.9. LICENSE: lppl1.3c. This package offers a compatibility layer for to be used alongside . It provides counterparts to ’s main reference commands, each of which essentially does some (scoped) setup for , then calls the original one.  
 URL: <https://ctan.org/pkg/zref-vario>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-vario>
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 URL: <https://ctan.org/pkg/bartel-chess-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/bartel-chess-fonts>
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 URL: <https://ctan.org/pkg/pagelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagelayout>
- Barth, Andreas. *The pbm2tex package. Translate PBM format to L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pbm2tex>  
 MIRROR: <https://mirror.ctan.org/support/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<sup>A</sup>T<sub>E</sub>X 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.



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

Barthelmann, Klaus Georg. *The sauterfonts package. Use Sauter's fonts in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/sauterfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauterfonts>

Bartholdi, Laurent. *The ltb2bib package. Converts amsrefs' .ltb bibliographical databases to BibTeX format*. 2018-01-07. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ltb2bib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/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://ctan.org/pkg/csassignments>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csassignments>

Barton, Ariel. *The knitting package. Produce knitting charts, in Plain T<sub>E</sub>X or L<sup>A</sup>T<sub>E</sub>X*. 2019-04-06. Version 3.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/knitting>  
MIRROR: <https://mirror.ctan.org/fonts/knitting>

— *The sansmathaccent package. Correct placement of accents in sans-serif maths*. 2020-02-01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/sansmathaccent>  
MIRROR: <https://mirror.ctan.org/fonts/sansmathaccent>

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URL: <https://ctan.org/pkg/sansmathfonts>  
MIRROR: <https://mirror.ctan.org/fonts/sansmathfonts>

— *The tolkienfonts package. Use TTF "Tolkien" fonts from the WWW with pdfT<sub>E</sub>X*. 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/tolkienfonts>  
MIRROR: <https://mirror.ctan.org/fonts/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 `ps`, that will read a TrueType font and produce an Adobe Type 42 (PFA) font as output.  
URL: <https://ctan.org/pkg/truetype42>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/TrueTypeToType42>

Barton-Davis, Paul. *The unixman package. Typeset to look like Unix man output*. 2016-06-24. Version 1.2. LICENSE: noinfo  
URL: <https://ctan.org/pkg/unixman>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/unixman>

Barton-Davis, Paul and Niall Mansfield. *The add-wes package. A "book" style for Addison-Wesley house style*. 2020-08-29. Version 1.05. LICENSE: other-free  
URL: <https://ctan.org/pkg/add-wes>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/add-wes.sty>

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MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/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://ctan.org/pkg/bbfig>  
MIRROR: <https://mirror.ctan.org/support/bbfig>

Batista, Facundo. *The jupyterotex package. Include whole or partial Jupyter notebooks in L<sup>A</sup>T<sub>E</sub>X documents*. 2020-10-28. Version 0.1. LICENSE: apache2  
URL: <https://ctan.org/pkg/jupyterotex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jupyterotex>



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 URL: <https://ctan.org/pkg/lshort-mongo1>  
 MIRROR: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongo1>
- *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://ctan.org/pkg/mnhyphn>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/mnhyphn.tex>
  - *The mongolian-babel package. A language definition file for Mongolian in Babel*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mongolian-babel>  
 MIRROR: <https://mirror.ctan.org/language/mongolian/babel>
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 URL: <https://ctan.org/pkg/appends-latex>  
 MIRROR: <https://mirror.ctan.org/info/appends-latex>
- Bauer, Tilman. *The lwasseq package. Drawing spectral sequences in LuaL<sup>A</sup>T<sub>E</sub>X*. 2023-01-10. LICENSE: lppl1.3. The package is an update of the author's package, for use with LuaL<sup>A</sup>T<sub>E</sub>X. This version uses less memory, and operates faster than the original; it also offers several enhancements.  
 URL: <https://ctan.org/pkg/lwasseq>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/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 `tikz`, and shares that systems large demands for T<sub>E</sub>X system memory. Its geometric commands are based on a turtle graphics model, and control structures such as loops and conditionals are available.  
 URL: <https://ctan.org/pkg/sseq>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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)T<sub>E</sub>X mathematics commands produces an unsatisfactory result.)  
 URL: <https://ctan.org/pkg/isotope>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isotope>
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 URL: <https://ctan.org/pkg/dinat>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/dinat>
- Baumann, Timo. *The BibArts package. "Arts"-style bibliographical information*. 2023-06-18. Version 2.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibarts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibarts>
- *The germkorr package. Change kerning for German quotation marks*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/germkorr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
- Bautista, Tomás. *The abstyles-babel package. Adaptable styles for use with Babel*. 2016-06-24. LICENSE: other-free. This set of BibT<sub>E</sub>X styles is a version of the `abstyles`, modified so that the styles react to operations.  
 URL: <https://ctan.org/pkg/abstyles-babel>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/abstyles-babel>
- Bayart, Benjamin. *The esieecv package. Curriculum vitae for French use*. 2021-06-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/esieecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ESIEEcV>
- *The french-translations package. French translation project*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/french-translations>  
 MIRROR: <https://mirror.ctan.org/info/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 T<sub>E</sub>X's own stack. As an example of how the stacks might be used, the documentation offers a small "reinput" package that implements the backbone of the package.  
 URL: <https://ctan.org/pkg/stack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/undertilde>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/gitver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitver>
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MIRROR: <https://mirror.ctan.org/fonts/rojud>
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URL: <https://ctan.org/pkg/colorweb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorweb>
- Bean, Jules. *The mathlig package. Define maths "ligatures".* 2020-04-11. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/mathlig>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/mathlig.tex>
- Beasley, David. *The make\_latex package. L<sup>A</sup>T<sub>E</sub>X Makefile.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/make-latex>  
MIRROR: [https://mirror.ctan.org/support/make\\_latex](https://mirror.ctan.org/support/make_latex)
- Beaudrap, Niel de. *The modref package. Customisation of cross-references in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/modref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modref>
- Beccari, Claudio. *The ar package. Capital A and capital R ligature for Aspect Ratio.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/ar>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ar>
- *The aspectratio package. Capital A and capital R ligature for Aspect Ratio.* 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/aspectratio>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aspectratio>
- *The babel-friulan package. Babel/Polyglossia support for Friulan(Furlan).* 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package provides a language description file that enables support of Friulan either with or with .  
URL: <https://ctan.org/pkg/babel-friulan>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/friulan>
- *The babel-piedmontese package. Babel support for Piedmontese.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. 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://ctan.org/pkg/babel-piedmontese>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
- *The babel-romansh package. Babel/Polyglossia support for the Romansh language.* 2016-06-24. LICENSE: lppl1.3. The package provides a language description file that enables support of Romansh either with or with .  
URL: <https://ctan.org/pkg/babel-romansh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
- *The begingreek package. Greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only.* 2022-05-16. Version 1.7. LICENSE: lppl1.3c. This simple package defines a greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/begingreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begingreek>
- *The canoniclayout package. Create canonical page layouts with memoir.* 2022-11-01. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/canoniclayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/canoniclayout>
- *The cbfonts-fd package. L<sup>A</sup>T<sub>E</sub>X font description files for the CB Greek fonts.* 2019-07-18. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cbfonts-fd>  
MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>

- Beccari, Claudio. *The codicefiscaleitaliano package. Test the consistency of the Italian personal Fiscal Code*. 2016-06-24. Version 1.2. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/codicefiscaleitaliano>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codicefiscaleitaliano>
- *The curve2e package. Extensions for package pict2e*. 2023-07-10. Version 2.3.1. LICENSE: lpl1.3c. The package extends the drawing capacities of the that serves as a L<sup>A</sup>T<sub>E</sub>X2e replacement for picture mode. In particular, curve2e introduces new macros for lines and vectors, new specifications for line terminations and joins, arcs with any angular aperture, arcs with arrows at one or both ends, generic curves specified with their nodes and the tangent direction at these nodes.  
 URL: <https://ctan.org/pkg/curve2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curve2e>
  - *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://ctan.org/pkg/ecclesiastic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecclesiastic>
  - *The euclideangeometry package. Draw geometrical constructions*. 2023-07-11. Version 0.2.2. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/euclideangeometry>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euclideangeometry>
  - *The fixltxhyph package. Allow hyphenation of partially-emphasised substrings*. 2016-06-24. Version 0.4. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/fixltxhyph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>
  - *The ithyph package. Hyphenation patterns for the Italian language*. 2018-10-09. Version 4.8g. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/ithyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ithyph.tex>
  - *The lahyph package. Hyphenation patterns for the Latin language*. 2016-11-05. Version 3.1. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/lahyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>
  - *The latin package. Latin language definition for Babel*. 2016-06-24. Version 2/0f. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/latin>  
 MIRROR: <https://mirror.ctan.org/language/latin>
  - *The Lxfonts package. Set of slide fonts based on CM*. 2016-06-24. Version 2.0b. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/lxfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/lxfonts>
  - *The pm-isomath package. Poor man ISO math for pdfL<sup>A</sup>T<sub>E</sub>X users*. 2021-08-26. Version 1.2.00. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/pm-isomath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/swfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
  - *The testthyphens package. Testing hyphenation patterns*. 2016-06-24. Version 0.7. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/testthyphens>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testthyphens>
  - *The teubner package. Philological typesetting of classical Greek*. 2023-08-26. Version 5.8.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/teubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
  - *The TOPtesi package. Bundle for typesetting multilanguage theses*. 2020-09-06. Version 6.4.06. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/toptesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package. An environment for typesetting tables of specified width*. 2020-01-15. Version 2.1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/widetable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
  - *The wrapfig2 package. Wrap text around figures*. 2023-09-03. Version 6.2.1. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/wrapfig2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
- Beccari, Claudio and Enrico Gregorio. *The imakeidx package. A package for producing multiple indexes*. 2016-10-15. Version 1.3e. LICENSE: lpl1.3. 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<sup>A</sup>T<sub>E</sub>X documents processed with pdfLaTeX, Xe<sup>L</sup>A<sub>T</sub>E<sub>X</sub> and LuaLaTeX. If is used for processing the index entries, no particular setting up is needed when T<sub>E</sub>X Live is used. Using or other programs it is necessary to enable shell escape; shell escape is also needed if is used.

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

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

Beccari, Claudio and Serge Rosmorduc. *The cbcoptic package. Coptic fonts and L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/cbcoptic>

MIRROR: <https://mirror.ctan.org/language/coptic/cbcoptic>

Beccari, Claudio and Apostolos Syropoulos. *The cbgreek-complete package. Complete set of Greek fonts.* 2019-07-18. LICENSE: lppl

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Bechtolsheim, Stephan von. *The setstrut package. Automatic strut computation.* 2016-06-24. LICENSE: noinfo

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

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/setstrut.tex>

— *The tip package. Macro examples from “TeX in Practice”.* 2016-06-24. Version 1.0. LICENSE: nosell

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

MIRROR: <https://mirror.ctan.org/info/examples/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://ctan.org/pkg/zbmath-review-template>

MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zbmath-review-template>

Becker, Bernd. *The ltxdiff package. A Win32 program that compares tokens in two .tex files.* 2016-06-24. Version 0.9.0. LICENSE: nosource

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

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

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  - *The poormanlog package. Logarithms and powers with (almost) 9 digits*. 2022-05-25. Version 0.07. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/poormanlog>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poormanlog>
  - *The pxgreek package. Shape selection for PX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X maths users of the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\alpha`) 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://ctan.org/pkg/pxgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/tableof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tableof>
- Burnol, Jean-François. *The texdimens package. Conversion of T<sub>E</sub>X dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to T<sub>E</sub>X dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://ctan.org/pkg/texdimens>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
- *The txgreek package. Shape selection for TX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X users who use the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., ) 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://ctan.org/pkg/txgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/txgreek>
  - *The xint package. Expandable operations on long numbers*. 2022-06-11. Version 1.4m. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xint>  
 MIRROR: <https://mirror.ctan.org/macros/generic/xint>
  - *The xintsession package. Interactive computing sessions (fractions, floating points, polynomials)*. 2021-11-01. Version 0.4alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xintsession>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xintsession>
- Burnus, Tobias. *The m-pictex package. Enable PicTeX to run with L<sup>A</sup>T<sub>E</sub>X*. 2023-03-28. LICENSE: other-free  
 URL: <https://ctan.org/pkg/m-pictex>
- Burt, John. *The brandeis-thesis package. A class for Brandeis University M.A. theses*. 2023-08-15. Version 3.3. 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://ctan.org/pkg/brandeis-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-thesis>
- *The edmargin package. Multiple series of endnotes for critical editions*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/edmargin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/endheads>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endheads>
  - *The poemscol package. Typesetting Critical Editions of Poetry*. 2020-08-09. Version 3.1415926. LICENSE: lppl1.3c. The package offers L<sup>A</sup>T<sub>E</sub>X macros for typesetting critical editions of poetry. Its features include automatic linenumbers, 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://ctan.org/pkg/poemscol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poemscol>
- Burt, John and Meghan Peck. *The brandeis-dissertation package. Class for Brandeis University dissertations*. 2023-08-15. Version 3.14. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/brandeis-dissertation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/pst-barcode>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-barcode>
- Busa, Jan and Tobias Oetiker. *The lshort-slovak package. Slovak introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl. A Slovak translation of Oetiker's .  
 URL: <https://ctan.org/pkg/lshort-slovak>  
 MIRROR: <https://mirror.ctan.org/info/lshort/slovak>
- Busch, Wolf-Dieter. *The dinbrief-gui package. GUI for L<sup>A</sup>T<sub>E</sub>X package dinbrief*. 2016-06-24. LICENSE: lppl. Graphical user interface for the L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/dinbrief-gui>
- MIRROR: <https://mirror.ctan.org/support/dinbrief-gui>
- Busdraghi, Fabiano. *The Layaureo package. A package to improve the A4 page layout*. 2016-06-24. Version 0.2. LICENSE: lppl. This package produces a wide page layout for documents that use A4 paper size. Moreover, LayAureo provides both a simple hook for leaving an empty space which is required if pages are bundled by a press binding (use option `big`), and an option called `big` which it forces `typearea` to become maximum.
- URL: <https://ctan.org/pkg/layaureo>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
- 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://ctan.org/pkg/bussproofs>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
- Buxbaum, Engelbert. *The alchemist package. Typeset alchemist and astrological symbols*. 2023-04-10. Version 1.00. LICENSE: gpl,lppl
- URL: <https://ctan.org/pkg/alchemist>
- MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/alchemist>
- *The biochemistry-colors package. Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry*. 2017-06-05. Version 1.00. LICENSE: lppl,gpl
  - URL: <https://ctan.org/pkg/biochemistry-colors>
  - MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>
  - *The css-colors package. Named colors for web-safe design*. 2018-01-06. Version 1.02. LICENSE: lppl,gpl. This package defines web-safe colors for use with D.P. Carlisle's package. It is intended for both authors and package writers (e.g. to create color themes).
  - URL: <https://ctan.org/pkg/css-colors>
  - MIRROR: <https://mirror.ctan.org/macros/latex/contrib/css-colors>
  - *The latex-course package. A L<sup>A</sup>T<sub>E</sub>X course as a projected presentation*. 2016-06-24. Version 2. LICENSE: gpl. A brief Beamer-based slide presentation on L<sup>A</sup>T<sub>E</sub>X, based on `ltx-course`, which the author has translated to English and taken to L<sup>A</sup>T<sub>E</sub>X2e/Beamer. Additional material was taken from the `ltx-course`.
  - URL: <https://ctan.org/pkg/latex-course>
  - MIRROR: <https://mirror.ctan.org/info/latex-course>
- Bzyl, Wlodek. *The i-ching package. An i-ching package*. 2016-06-24. LICENSE: gpl. A complete Plain T<sub>E</sub>X-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://ctan.org/pkg/i-ching>
- MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
- *The tweb package. A web system for T<sub>E</sub>X macro sources*. 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing T<sub>E</sub>X macro sources.
  - URL: <https://ctan.org/pkg/tweb>
  - MIRROR: <https://mirror.ctan.org/web/tweb>
- Bzyl, Wlodek and Staszek Wawrykiewicz. *The utf8mex package. Tools to produce formats that read Polish language input*. 2016-06-24. LICENSE: pd
- URL: <https://ctan.org/pkg/utf8mex>
- MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>
- Cadiou, Aurélien. *The ladder package. Draw simple ladder diagrams using TikZ*. 2017-10-09. LICENSE: mit
- URL: <https://ctan.org/pkg/ladder>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
- Cagnol, John. *The mrcheckbib package. A BibT<sub>E</sub>X file verification tool*. 2016-06-24. LICENSE: gpl
- URL: <https://ctan.org/pkg/mrcheckbib>
- MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics*. 2023-01-19. Version 3.35. LICENSE: lppl,gpl
- URL: <https://ctan.org/pkg/kpfonts>
- MIRROR: <https://mirror.ctan.org/fonts/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://ctan.org/pkg/draftwatermark>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>

- Callegari, Sergio. *The everypage package. Provide hooks to be run on every page of a document.* 2020-10-18. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everypage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everypage>
- *The flippdf package. Horizontal flipping of pages with pdfLaTeX.* 2020-10-27. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/flippdf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flippdf>
  - *The rotpages package. Typeset sets of pages upside-down and backwards.* 2016-06-24. Version 3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rotpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
- Callil-Soares, Pedro. *The tikzviolinplots package. Draws violin plots from data.* 2023-03-23. Version 0.7.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikzviolinplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
- Calvani, Massimo. *The prepr package. Preprint macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prepr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf.* 2016-06-24. Version 1.40. LICENSE: lppl. This package provides a command much like hyperref’s that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn’t allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
 URL: <https://ctan.org/pkg/breakurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
- Campani, Carlos. *The beamer-tut-pt package. An introduction to the Beamer class, in Portuguese.* 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/beamer-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
- *The cursolatex package. A L<sup>A</sup>T<sub>E</sub>X tutorial.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cursolatex>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
  - *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese.* 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xypic-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
- Camps, Jean-Baptiste. *The biblatex-enc package. BibL<sup>A</sup>T<sub>E</sub>X style for the École nationale des chartes (Paris).* 2017-06-19. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-enc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
- Cannayen, Igathinathane. *The ndsu-thesis-2022 package. North Dakota State University disquisition class 2022.* 2022-07-15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
- Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (L<sup>A</sup>T<sub>E</sub>X 2.09).* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drop>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
- Cao, Camuse. *The xmuthesis package. XMU thesis style.* 2020-10-12. Version 0.4.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xmuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
- Cappelletti, Luca. *The adigraph package. Augmenting directed graphs.* 2019-01-29. Version 1.7.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/adigraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
- *The lectures package. A document class for quickly drafting nice looking lecture notes.* 2020-02-02. Version 1.0.5. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X documentclass provides a number of gimmicks to draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .  
 URL: <https://ctan.org/pkg/lectures>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>

- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals*. 2016-06-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle's small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle's more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dotlessj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>
  - *The elocalloc package. Local allocation macros for L<sup>A</sup>T<sub>E</sub>X 2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the L<sup>A</sup>T<sub>E</sub>X 2015 allocation macros.  
 URL: <https://ctan.org/pkg/elocalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>
  - *The fix2col package. Fix miscellaneous two column mode features*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fix2col>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fix2col>
  - *The fragments package. Fragments of L<sup>A</sup>T<sub>E</sub>X code*. 2018-09-13. LICENSE: collection  
 URL: <https://ctan.org/pkg/fragments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The graphics-pln package. LaTeX-style graphics for Plain T<sub>E</sub>X users*. 2022-12-02. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hhline package. Better horizontal lines in tabulars and arrays*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hhline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The latex-context-ppchtex package. Legacy stub to allow loading pictex as m-pictex*. 2023-03-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-context-ppchtex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-context-ppchtex>
  - *The ltxtable package. Longtable and tabularx merge*. 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X command robust*. 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.

- URL: <https://ctan.org/pkg/makerobust209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
- Carlisle, David. *The mylatex package. Make a format containing a document's preamble.* 2020-10-28. LICENSE: lppl  
URL: <https://ctan.org/pkg/mylatex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
- *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X's standard styles use two page styles, one on normal pages and one on 'opening' pages with or , etc. Unfortunately there is only easy access to changing one of these two so if you want something other than 'plain' on the opening pages you must use on each such page. The package does provide a more flexible interface, but if you just want an empty page style on all pages then this package will do the job.  
URL: <https://ctan.org/pkg/nopageno>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>
  - *The plain-ltx package. Make plain T<sub>E</sub>X files L<sup>A</sup>T<sub>E</sub>Xable.* 2022-03-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/plain-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>
  - *The pslatex package. Use PostScript fonts by default.* 2023-06-25. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/pslatex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pslatex>
  - *The pspicture package. PostScript picture support.* 2016-06-24. LICENSE: lppl. A replacement for L<sup>A</sup>T<sub>E</sub>X's picture macros, that uses PostScript commands. The package is now largely superseded by .  
URL: <https://ctan.org/pkg/pspicture>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pspicture>
  - *The remreset package. Remove counters from reset list.* 2022-03-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/remreset>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>
  - *The scalefmt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/scalefmt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefmt.sty>
  - *The showkeys package. Show label, ref, cite and bib keys.* 2023-06-09. Version 3.19. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/showkeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The slashed package. Put a slash through characters.* 2022-03-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/slashed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>
  - *The tabulary package. Tabular with variable width columns balanced.* 2018-01-06. Version 0.10. LICENSE: lppl. The package defines a -like environment , taking a 'total width' argument as well as the column specifications. The environment uses column types , , and for variable width columns ( , , , and normally justified). In contrast to 's X columns, the width of each column is weighted according to the natural width of the widest cell in the column.  
URL: <https://ctan.org/pkg/tabulary>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>
  - *The textcase package. Case conversion ignoring mathematics, etc.* 2023-07-27. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/textcase>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textcase>
  - *The type1cm package. Arbitrary size font selection in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
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 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
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  - *The mk package. A T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X maker*. 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, or plain T<sub>E</sub>X document. Essentially, mk uses for compilation, for viewing and printing.  
 URL: <https://ctan.org/pkg/mk>  
 MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
  - *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
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 URL: <https://ctan.org/pkg/old-arrows>  
 MIRROR: <https://mirror.ctan.org/fonts/old-arrows>
- *The verifica package. Typeset (Italian high school) exercises*. 2020-10-10. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/verifica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verifica>
- Downes, Michael J. *The aro-bend package. Exercises in T<sub>E</sub>X, with answers*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aro-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>
- *The cmdtrack package. Check used commands*. 2016-06-24. LICENSE: lppl1. The package keeps track of whether a command defined in a document preamble is actually used somewhere in the document. After the package is loaded in the preamble of a document, all (and similar command definitions) between that point and the beginning of the document will be marked for logging. At the end of the document a report of command usage will be printed in the T<sub>E</sub>X log, for example:  
 URL: <https://ctan.org/pkg/cmdtrack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>
- *The dialog1 package. Macros for constructing interactive L<sup>A</sup>T<sub>E</sub>X scripts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dialog1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dialog1>
- *The patchcmd package. Change the definition of an existing command*. 2016-06-24. Version 1.05. LICENSE: lppl. The package provides a command that can be used to add material at the beginning and/or the end of the replacement text of an existing macro. It works for macros with any number of normal arguments, including those that were defined with .

- URL: <https://ctan.org/pkg/patchcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/patchcmd>
- Downes, Michael J. *The showdim package. Variants on printing dimensions*. 2016-06-24. Version 1.2. LICENSE: lppl. A package for L<sup>A</sup>T<sub>E</sub>X providing a number of commands for printing the value of a T<sub>E</sub>X dimension. For example, yields the current value of rounded to the nearest tenth of a point.  
 URL: <https://ctan.org/pkg/showdim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showdim/showdim.sty>
- *The wordcount package. Estimate the number of words in a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 1.7. LICENSE: lppl. The package provides a relatively easy way of estimating the number of words in a L<sup>A</sup>T<sub>E</sub>X document that does not require or other DVI converters. It does however require something like Unix that can search a file for a particular string and report the number of matching lines. An accompanying shell script contains more information in its comments.  
 URL: <https://ctan.org/pkg/wordcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wordcount>
- Downes, Michael J., Morten Høgholm, Lars Madsen, Will Robertson, and Joseph Wright. *The breqn package. Automatic line breaking of displayed equations*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/breqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- *The mathstyle package. Manage mathematics typesetting style*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mathstyle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Downes, Michael J. and Peter R. Wilson. *The around-the-bend package. Typeset exercises in T<sub>E</sub>X, with answers*. 2016-06-24. LICENSE: lppl. This is a typeset version of the files of the , plus three extra questions (with their answers) that Michael Downes didn't manage to get onto CTAN.  
 URL: <https://ctan.org/pkg/around-the-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/AroBend>
- Dragone, Mario. *The xlatex package. A T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X shell for X-windows*. 2016-06-24. Version 3.3c. LICENSE: other-free  
 URL: <https://ctan.org/pkg/xlatex>  
 MIRROR: <https://mirror.ctan.org/support/xlatex>
- Drakos, Nikos, Ross Moore, Daniel Gildea, Paulo Ney de Souza, and Roland Stigge. *The latex2html package. Convert L<sup>A</sup>T<sub>E</sub>X into HTML documents*. 2019-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/latex2html>
- Drechsler, Patrick. *The pst-pad package. Draw simple attachment systems with PSTricks*. 2018-09-15. Version 0.3b. LICENSE: lppl. The package collects a set of graphical elements based on that can be used to facilitate display of attachment systems such as two differently shaped surfaces with or without a fluid wedged in between. These macros ease the display of wet adhesion models and common friction systems such as boundary lubrication, elastohydrodynamic lubrication and hydrodynamic lubrication.  
 URL: <https://ctan.org/pkg/pst-pad>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pad>
- Dreher, Simon. *The IMTEKda package. IMTEK thesis class*. 2016-06-24. Version 1.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/imtekda>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imtekda>
- Dreuw, Philippe and Thomas Deselaers. *The beamerposter package. Extend beamer and a0poster for custom sized posters*. 2018-04-23. Version 1.13. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/beamerposter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamerposter>
- Drews, Aaron. *The pfdicons package. Draw process flow diagrams in chemical engineering*. 2021-07-28. Version 1.0a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pfdicons>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pfdicons>
- Dreyer, Alexander. *The namespc package. Rudimentary C++-like namespaces in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/namespc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/namespc>
- Droms, Ralph. *The txt package. Output documents via terminals, line printers, etc*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/txt>  
 MIRROR: <https://mirror.ctan.org/support/txt>



- Drucbert, Jean-Pierre. *The export package. Import and export values of L<sup>A</sup>T<sub>E</sub>X registers*. 2016-06-24. Version 1.8. LICENSE: lppl  
 URL: <https://ctan.org/pkg/export>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/export>
- *The fepslatex package. French version of "graphics in L<sup>A</sup>T<sub>E</sub>X"*. 2016-06-24. LICENSE: gpl. This is the French translation of , and describes how to use imported graphics in L<sup>A</sup>T<sub>E</sub>X(2e) documents.  
 URL: <https://ctan.org/pkg/fepslatex>  
 MIRROR: <https://mirror.ctan.org/info/epslatex/french>
  - *The minitoc package. Produce a table of contents for each chapter, part or section*. 2021-10-31. Version 62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/minitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minitoc>
  - *The regcount package. Display the allocation status of the T<sub>E</sub>X registers*. 2016-06-24. Version 1.0. LICENSE: lppl. Adds a macro which displays the allocation status of the T<sub>E</sub>X registers. The display is written into the .log file as it is a bit verbose. An automatic call to is done at and .  
 URL: <https://ctan.org/pkg/regcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regcount>
  - *The shorttoc package. Table of contents with different depths*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shorttoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>
  - *The tabbing package. Tabbing with accented letters*. 2021-06-28. LICENSE: lppl1. By default, some of the tabbing environment's commands clash with default accent commands; L<sup>A</sup>T<sub>E</sub>X provides the odd commands , etc., to deal with the clash. The package offers a variant of the tabbing environment which does not create this difficulty, so that users need not learn two sets of accent commands.  
 URL: <https://ctan.org/pkg/tabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
  - *The translation-array-fr package. French translation of the documentation of array*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-array-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
  - *The translation-booktabs-fr package. French translation of the documentation of booktabs*. 2016-06-24. LICENSE: lppl. A french translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
  - *The translation-dcolumn-fr package. French translation of the documentation of dcolumn*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>
  - *The translation-tabbing-fr package. French translation of the documentation of Tabbing*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/translation-tabbing-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
- Drucbert, Jean-Pierre and Patrick W. Daly. *The translation-natbib-fr package. French translation of the documentation of natbib*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-natbib-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
- Drucbert, Jean-Pierre and Mathieu Goutelle. *The booktabs-fr package. French translation of booktabs documentation*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- Dryllerakis, K J. *The kdgreek package. Greek fonts and macros*. 2016-06-24. Version 3.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/kdgreek>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/kd>
- Du, Sicheng. *The gradient-text package. Decorate text with linear gradient colors*. 2023-01-24. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gradient-text>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradient-text>
- *The maze package. Generate random mazes*. 2023-01-10. Version 1.2. LICENSE: lppl1.3c. This package can generate random square mazes of a specified size. The mazes generated by this package are natural and their solution is not too obvious. The output it based on the environment.

- URL: <https://ctan.org/pkg/maze>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
- Duan, Charles. *The randtext package*. Randomise the order of characters in strings. 2016-06-24. LICENSE: lpp1  
URL: <https://ctan.org/pkg/randtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
- *The switchem1 package*. Obfuscate email addresses (now obsolete). 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/switchem1>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switchem1>
- Dübendorfer, Marco. *The grafik package*. EPS graphics under Windows. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/grafik>  
MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)
- Duchi, Claudio. *The datetime2-it-fulltext package*. Italian full text styles for the datetime2 package. 2016-06-24. Version 1.6. LICENSE: lpp1.3  
URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
- Duchier, Denys. *The bigtabular package*. Tabulars that can split at page boundaries. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bigtabular>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
- *The secret package*. Put security classification marks in a document. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/secret>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>
- Dudebout, Nicolas. *The matrix-skeleton package*. A PGF/TikZ library that simplifies working with multiple matrix nodes. 2022-11-14. Version 1.1. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.  
URL: <https://ctan.org/pkg/matrix-skeleton>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package*. Utilities for manipulating DVI files. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvibook>  
MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- *The PBMtoPK package*. Conversion between PBM and PK formats. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/pbmtopk>  
MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- *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 <http://www.picTeX.org>), the document is a useful aide-memoire for those who have read the manual.  
URL: <https://ctan.org/pkg/pictexsum>  
MIRROR: <https://mirror.ctan.org/info/pictex/summary>
- *The psmerge package*. Concatenate PostScript files. 2016-06-24. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psmerge>
- *The psutils package*. PostScript utilities. 2021-08-26. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psutils>
- *The vplutils package*. Manipulate (virtual) property lists. 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
URL: <https://ctan.org/pkg/vplutils>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dumont, Bastien. *The crossrefenum package*. Smart typesetting of enumerated cross-references for various T<sub>E</sub>X formats. 2023-02-20. Version 1.0.2. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/crossrefenum>  
MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>
- Dungs, Kevin. *The fontmfizz package*. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X. 2017-04-18. LICENSE: mit  
URL: <https://ctan.org/pkg/fontmfizz>  
MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>

- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation*. 2021-12-30. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/docsurvey>  
 MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files*. 2023-01-03. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dtxdescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats*. 2023-01-03. Version 2.08. 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 tocddata package, the name also appears in the List of Figures. Floats may be placed into a row environment, and are typeset to fit within the given number of columns, continuing to the next row if necessary. Nested sub-rows may be used to generate layouts such as two small figures placed vertically next to one larger figure. Subfloats are supported by two environments.  
 URL: <https://ctan.org/pkg/keyfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyfloat>
  - *The labelschanged package. Identify labels which cause endless “may have changed” warnings*. 2017-12-13. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/labelschanged>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
  - *The lwarp package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML*. 2023-08-28. Version 0.912. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lwarp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>
  - *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection*. 2023-06-29. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/metalogox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>
  - *The tocddata package. Adds names to chapters, sections, figures in the TOC and LOF*. 2023-01-03. Version 2.05. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tocdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/igo>  
 MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
 URL: <https://ctan.org/pkg/bondgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- Dussan, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/alertmessage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
- Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>
- *The swrule package. Lines thicker in the middle than at the ends*. 2020-04-11. LICENSE: other-free  
 URL: <https://ctan.org/pkg/swrule>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
- Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits*. 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.  
 URL: <https://ctan.org/pkg/qcircuit>  
 MIRROR: <https://mirror.ctan.org/graphics/qcircuit>

- Ebermann, Paul. *The dateiliste package. Extensions of the \listfiles concept*. 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by `\listfiles`), neatly laid out as a table. The main document can be included in the list, and a command is available for providing RCS-maintained data for printing in the file list.  
URL: <https://ctan.org/pkg/dateiliste>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
- *The exp-testopt package. Expandable \@testopt (and related) macros*. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the L<sup>A</sup>T<sub>E</sub>X kernel command `\testopt`, named `\exp@testopt`, and a more general `\exp@testopt`, both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.  
URL: <https://ctan.org/pkg/exp-testopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>
  - *The extpfeil package. Extensible arrows in mathematics*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides some more extensible arrows (usable in the same way as from `amsmath`), and a simple command to create new ones.  
URL: <https://ctan.org/pkg/extpfeil>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extpfeil>
  - *The faktor package. Typeset quotient structures with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.1b. LICENSE: lppl  
URL: <https://ctan.org/pkg/faktor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>
  - *The gmdoc-enhance package. Some enhancements to the gmdoc package*. 2016-06-24. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to “comment out” some code, and a macro to input other files in “normal” L<sup>A</sup>T<sub>E</sub>X mode.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
  - *The minipage-marginpar package. Minipages with marginal notes*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
  - *The noitcrul package. Improved underlines in mathematics*. 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>
  - *The pauldoc package. German L<sup>A</sup>T<sub>E</sub>X package documentation*. 2016-06-24. Version 0.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/pauldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
  - *The randbild package. Marginal pictures*. 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `randfig` and `randpic`), and `(randpic)` (the same, only without the automatically drawn coordinate system).  
URL: <https://ctan.org/pkg/randbild>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randbild>
  - *The robustcommand package. Declare robust command, with \newcommand checks*. 2016-06-24. Version 0.1. LICENSE: lppl. The package merely provides a variation of `\newcommand`, which checks for the existence of a command before declaring it robust.  
URL: <https://ctan.org/pkg/robustcommand>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/robustcommand>
- Ebinger, Carl-Clemens. *The AlfaSlabOne package. The Alfa Slab One font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-18. Version 0.0.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/alfaslabone>  
MIRROR: <https://mirror.ctan.org/fonts/alfaslabone>
- *The Archivo package. The Archivo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-03. Version 0.0.2. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/archivo>  
MIRROR: <https://mirror.ctan.org/fonts/archivo>
  - *The Arvo package. The Arvo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2020-12-24. LICENSE: ofl,lppl  
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- the , version 1.1. The fonts are copyright (c) 2011-2019, Omnibus-Type.  
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 URL: <https://ctan.org/pkg/addtoluatexpath>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/addtoluatexpath>
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 URL: <https://ctan.org/pkg/autopuncitems>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/autopuncitems>
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 URL: <https://ctan.org/pkg/bold-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
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 URL: <https://ctan.org/pkg/captdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>
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 URL: <https://ctan.org/pkg/checklab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
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 URL: <https://ctan.org/pkg/fixfoot>  
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 URL: <https://ctan.org/pkg/topcapt>  
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- doesn't matter if the argument is moving. (Full details of syntax and caveats about use are in comments in the file itself.)  
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 URL: <https://ctan.org/pkg/phfcc>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfextendedabstract>
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MIRROR: <https://mirror.ctan.org/fonts/paratype>
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URL: <https://ctan.org/pkg/ptsans>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/ptsans>
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 URL: <https://ctan.org/pkg/templates-fenn>  
 MIRROR: <https://mirror.ctan.org/info/templates/fenn>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/citeall>
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URL: <https://ctan.org/pkg/combofont>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combofont>
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URL: <https://ctan.org/pkg/newpax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newpax>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/french>
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 URL: <https://ctan.org/pkg/erewhon-math>  
 MIRROR: <https://mirror.ctan.org/fonts/erewhon-math>
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 URL: <https://ctan.org/pkg/euler-math>  
 MIRROR: <https://mirror.ctan.org/fonts/euler-math>
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 URL: <https://ctan.org/pkg/frhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/frhyph.tex>
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 URL: <https://ctan.org/pkg/kpfonts-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/kpfonts-otf>
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 URL: <https://ctan.org/pkg/lettrine>  
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  - *The xcharter-math package. XCharter-based OpenType Math font for LuaTeX and XeTeX*. 2023-07-20. Version 0.50. LICENSE: ofl,lppl1.3. This package provides an Unicode Math font meant to be used together with (extension of Bitstream Charter) in Lua<sup>A</sup>TeX or X<sub>ε</sub>LaTeX documents.  
 URL: <https://ctan.org/pkg/xcharter-math>  
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  - *The luakeys package. A Lua module for parsing key-value options*. 2023-01-13. Version 0.13.0. LICENSE: lppl1.3c. This package provides a Lua module that can parse key-value options like the T<sub>E</sub>X packages , , , etc. , however, accomplishes this task entirely by using the Lua language and does not rely on T<sub>E</sub>X. Therefore this package can only be used with the T<sub>E</sub>X engine . Since luakeys uses , the parsing mechanism should be pretty robust.  
 URL: <https://ctan.org/pkg/luakeys>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luakeys>
  - *The nodetree package. Visualize node lists in a tree view*. 2023-09-10. Version 2.3.0. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug informations in the console output when you compile a LuaTeX file. It uses a similar visual representation for node lists as the UNIX command for a folder structure.



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 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/nodetree>
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 URL: <https://ctan.org/pkg/tex2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/tex2bib>
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 URL: <https://ctan.org/pkg/texdepend>  
 MIRROR: <https://mirror.ctan.org/support/texdepend>
  - *The texref package. Find cross-references in a L<sup>A</sup>T<sub>E</sub>X file*. 2016-06-24. LICENSE: lppl. Texref reads a file, and (recursively) all and files referenced therein, collecting the names of all s, s and s as it goes. It then prints the list of labels together with information about where those labels are referenced in the file.  
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 MIRROR: <https://mirror.ctan.org/support/texref>
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 URL: <https://ctan.org/pkg/fribrief>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fribrief>
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 URL: <https://ctan.org/pkg/codedescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codedescribe>
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 URL: <https://ctan.org/pkg/democodetools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/democodetools>
  - *The starray package. A structured array (of properties) based on expl3*. 2023-06-04. Version 1.3. LICENSE: lppl1.3c,gpl  
 URL: <https://ctan.org/pkg/starray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/starray>
  - *The ufrgscca package. A bundle for undergraduate students final work/report (tcc) at UFRGS/EE*. 2023-09-24. Version 1.12. LICENSE: lppl1.3c,gpl. This bundled is aimed at producing undergraduate students’ final work/report at UFRGS/EE (Engineering School at the Federal University of Rio Grande do Sul), closely following ABNT rules (Brazilian Association for Technical Norms). It is composed of a main class, , and a set of auxiliary packages, some of which can be used independently.  
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 MIRROR: [https://mirror.ctan.org/macros/latex209/contrib/lfonts\\_ams/lfonts\\_ams.tex](https://mirror.ctan.org/macros/latex209/contrib/lfonts_ams/lfonts_ams.tex)
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xymtex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocgx>
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 URL: <https://ctan.org/pkg/bib2ml>  
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MIRROR: <https://mirror.ctan.org/systems/mac/textures/contrib/IdealFonts>
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URL: <https://ctan.org/pkg/chinesechess>  
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 URL: <https://ctan.org/pkg/asapsym>  
 MIRROR: <https://mirror.ctan.org/fonts/asapsym>
- *The mugsthesiS package. Thesis class complying with Marquette University Graduate School requirements.* 2022-09-01. Version 1.1. LICENSE: lpl1.3. The bundle offers a thesis class, based on , that complies with Marquette University Graduate School requirements.  
 URL: <https://ctan.org/pkg/mugsthesiS>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mugsthesiS>
- Geuzaine, Christophe. *The directory package. An address book using BibT<sub>E</sub>X.* 2017-04-18. Version 1.20. LICENSE: lpl  
 URL: <https://ctan.org/pkg/directory>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/directory>
- Gheorghies, Ovidiu. *The metauml package. MetaPost library for typesetting UML diagrams.* 2019-02-04. Version 0.2.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/metauml>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metauml>
- Gheri, Andrea. *The mycv package. A list-driven CV class, allowing TikZ decorations.* 2016-06-24. Version 1.5.6. LICENSE: lpl1.3. The class provides a set of functionality for writing "curriculum vitae" with different layouts. The idea is that a user can write some custom configuration directives, by means of which is possible both to produce different c.v. layouts and quickly switch among them. In order to process such directives, the class uses a set of lists, provided by the package . Basic support for using decorations is also provided.  
 URL: <https://ctan.org/pkg/mycv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mycv>



- Ghibo, Giuseppe. *The mma2ltx package. Use Mathematica graphics in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-01-06. Version 1.23. LICENSE: shareware  
 URL: <https://ctan.org/pkg/mma2ltx>  
 MIRROR: <https://mirror.ctan.org/graphics/mma2ltx>
- Giacomelli, Roberto. *The barracuda package. Draw barcodes with Lua*. 2022-06-23. Version 0.0.12. LICENSE: gpl2. The library is a modular Lua package for drawing barcode symbols. It provides modules for writing barcodes from a LuaTeX document. It is also possible to use Barracuda with a standalone Lua interpreter to draw barcodes in different graphic formats like SVG.  
 URL: <https://ctan.org/pkg/barracuda>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/barracuda>
- *The calctab package. Language for numeric tables*. 2016-06-24. Version 0.6.1. LICENSE: lppl. The calctab package helps the user to typeset a kind of economic table such as invoices, expense notes and liquidation, or other tabular material with a values column. The code computes sum and percentage with floating point numeric methods (using the package) and builds the render table task.  
 URL: <https://ctan.org/pkg/calctab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calctab>
- Giannetti, Romano. *The circledsteps package. Typeset circled numbers*. 2023-08-11. Version 1.3.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/circledsteps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/circledsteps>
- *The xkcdcolors package. xkcd names of colors*. 2023-08-11. Version 1.0.2. LICENSE: lppl1.3c,cc0  
 URL: <https://ctan.org/pkg/xkcdcolors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkcdcolors>
- Giannotti, Ruben. *The fetchcls package. Fetch the current class name*. 2017-09-10. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fetchcls>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchcls>
- *The lccaps package. Lowercased (spaced) small capitals*. 2018-01-26. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lccaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lccaps>
  - *The stealcaps package. “Steal” small capitals*. 2022-11-07. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/stealcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stealcaps>
- Gibbons, Jeremy and Alan Jeffrey. *The diagramf package. Labelled diagrams in Metafont*. 2016-06-24. Version 1.1. LICENSE: noinfo. The package provides a means of labelling diagrams each produced as a Metafont character in a ‘font’ which is produced using the Metafont package. L<sup>A</sup>T<sub>E</sub>X passes data to Metafont (by ordinary L<sup>A</sup>T<sub>E</sub>X file-writing mechanisms), and Metafont writes stuff into its log-file, which must then be extracted into a different file so that L<sup>A</sup>T<sub>E</sub>X can see it.  
 URL: <https://ctan.org/pkg/diagramf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/diagramf>
- Giese, Martin and Herbert Voß. *The pst-blur package. PSTricks package for “blurred” shadows*. 2016-06-24. Version 2.0. LICENSE: lppl. Pst-blur is a package built for use with . It provides macros that apply blurring to the normal shadow function of PSTricks.  
 URL: <https://ctan.org/pkg/pst-blur>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-slpe>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
- Giesecking, Martin. *The dvisvgm package. Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)*. 2023-07-07. Version 3.1. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/dvisvgm>  
 MIRROR: <https://mirror.ctan.org/dviware/dvisvgm>
- Gil, Yossi. *The addindex package. Add index entries to L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. LICENSE: noinfo. Addindex is C/Lex program to add index entries to a L<sup>A</sup>T<sub>E</sub>X document. You start with a ‘names database’, which looks like the section of a BibTeX database; addindex scans your L<sup>A</sup>T<sub>E</sub>X file for strings in the database, and adds commands for each match.  
 URL: <https://ctan.org/pkg/addindex>  
 MIRROR: <https://mirror.ctan.org/indexing/addindex>
- *The bashful package. Invoke bash commands from within L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.93. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bashful>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bashful>



- Gil, Yossi. *The unisugar package. Define syntactic sugar for Unicode L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.92. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unisugar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unisugar>
- Gilbey, Julian. *The ctie package. C version of tie (merging Web change files)*. 2018-01-06. Version 1.1. LICENSE: gpl. This is a version of converted for use with .  
 URL: <https://ctan.org/pkg/ctie>  
 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)
- Gilbey, Julian, Sebastian Rahtz, and Grant Gustafson. *The labels package. Print sheets of sticky labels*. 2016-06-24. Version .13. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/labels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
- Gildea, Daniel. *The ucthesi package. University of California thesis format*. 2016-06-24. Version 3.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ucthesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucthesi>
- Gildea, Stephen. *The geophysics package. Articles for the journal Geophysics*. 2021-12-29. LICENSE: nosell  
 URL: <https://ctan.org/pkg/geophysics>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/geophysics.sty>
- *The headerfooter package. Define the layouts of page headers and footers*. 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/headerfooter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>
- *The underlin-generic package. Multi-word underlining*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/underlin-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
- Gilg, Jürgen. *The cookybooky package. A L<sup>A</sup>T<sub>E</sub>X based package to easily typeset some professional looking cooking recipes*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cookybooky>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/pst-marble>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
- Gilg, Jürgen, Manuel Luque, Patrice Megrêt, 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://ctan.org/pkg/pst-electricfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-moire>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-magneticfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-magneticfield>
- Gill, Richard and J C Loredó-Osti. *The prodint package. A font that provides the product integral symbol*. 2016-06-24. LICENSE: ofl  
 URL: <https://ctan.org/pkg/prodint>  
 MIRROR: <https://mirror.ctan.org/fonts/prodint>
- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/harvmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/skills>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skills>
- Giromini, Raphaël. *The cahierprof package. Schedule and grade books for French teachers*. 2023-09-02. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/cahierprof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cahierprof>

- 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://ctan.org/pkg/piechart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-fr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fr3d>
  - Girou, Denis, Christophe Jorssen, Manuel Luque, and Herbert Voß. *The pst-labo package. Draw objects for Chemistry laboratories*. 2023-05-17. Version 2.06. 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://ctan.org/pkg/pst-labo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-fill>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
  - *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-gantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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://ctan.org/pkg/pst-gr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://ctan.org/pkg/pst-ob3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-poly>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
  - Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X*. 2018-09-15. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/uml>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
  - Glazkov, Dmitry A. *The shadbox package. Shade the background of any box*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/shadbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
  - *The tracking package. Adjust tracking of strings*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tracking>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
  - 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://ctan.org/pkg/eqnnumwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
  - Glenn, Paulley. *The chicago package. A "Chicago" bibliography style*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chicago>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
  - *The chicagoa 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://ctan.org/pkg/chicagoa>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoa.bst>
- Gliboff, Sander. *The biblatex-historian package. A Bib<sub>La</sub>T<sub>E</sub>X style*. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-historian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
 URL: <https://ctan.org/pkg/glonti>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/cmcyr>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats*. 2017-04-18. Version 3.50. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pstoeedit>  
 MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text*. 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.  
 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- *The newsltr package. Macros for making newsletters with Plain T<sub>E</sub>X*. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newsltr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newsltr>
- *The quote package. Match pairs of double-quote characters*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
- 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://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte*. 2018-04-05. Version 3.5.2. LICENSE: apache2  
 URL: <https://ctan.org/pkg/tufte-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
- Goel, Anil. *The figsinltx package. A tutorial on figures in L<sub>A</sub>T<sub>E</sub>X 2.09*. 2018-01-06. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figsinltx>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
- *The ltablex package. Table package extensions*. 2017-09-28. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/autoview>  
 MIRROR: <https://mirror.ctan.org/support/autoview>
- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool*. 2016-06-18. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/qbibman>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/qbibman>
- Goldasz, Janusz, Ryszard Kubiak, Tomasz Przechlewski, and Marcin Serwin. *The lshort-polish package. Introduction to L<sub>A</sub>T<sub>E</sub>X in Polish*. 2022-05-13. Version 6.4PL1. LICENSE: gpl2+. This is the Polish translation of .  
 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>

- Goldberg, Jacques. *The redis package. A Hebrew font*. 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong*. 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types 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://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>
- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books*. 2016-06-24. Version 0.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/thumby>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
- Goldschmitt, Ulrich. *The ulsy package. Extra mathematical characters*. 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format*. 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.  
 URL: <https://ctan.org/pkg/ulsy-ps>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding*. 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aurical>  
 MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar*. 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
 URL: <https://ctan.org/pkg/shapepatch>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
- Gomes, Hugo. *The pgf-PeriodicTable package. Create custom periodic tables of elements*. 2023-05-31. Version 2.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-periodictable>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-periodictable>
- *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ*. 2023-04-27. Version 3.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-spectra>  
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MIRROR: <https://mirror.ctan.org/fonts/yhmth>
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 URL: <https://ctan.org/pkg/fnbreak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnbreak>
- *The germbib package. German variants of standard BibT<sub>E</sub>X styles.* 2019-03-12. LICENSE: other-free  
 URL: <https://ctan.org/pkg/germbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/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://ctan.org/pkg/ginpenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/hfbright>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/hfbright>
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 URL: <https://ctan.org/pkg/hfoldsty>  
 MIRROR: <https://mirror.ctan.org/fonts/hfoldsty>
- *The hhtensor package. Print vectors, matrices, and tensors.* 2019-03-12. Version 0.61. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hhtensor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hhtensor>
- *The isodate package. Tune the output format of dates according to language.* 2019-03-12. Version 2.28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/isodate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodate>
- *The kerntest package. Print tables and generate control files to adjust kernings.* 2019-03-12. Version 1.32. LICENSE: lppl  
 URL: <https://ctan.org/pkg/kerntest>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kerntest>
- *The latexfileversion package. Prints the version and date of a L<sup>A</sup>T<sub>E</sub>X class or style file.* 2019-03-12. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latexfileversion>  
 MIRROR: <https://mirror.ctan.org/support/latexfileversion>
- *The leftidx package. Left and right subscripts and superscripts in math mode.* 2019-03-12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/leftidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
- *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.



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebox>
- Harders, Harald. *The nbaseprt package. Print numbers in non-decimal bases.* 2019-03-12. Version 0.11. LICENSE: lppl  
URL: <https://ctan.org/pkg/nbaseprt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
- *The numprint package. Print numbers with separators and exponent if necessary.* 2019-03-12. Version 1.39. LICENSE: lppl  
URL: <https://ctan.org/pkg/numprint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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 T<sub>E</sub>X and (on demand) of standard L<sup>A</sup>T<sub>E</sub>X mathematics environments. This is useful for class writers who want to encourage their users to use the environments provided by the package.  
URL: <https://ctan.org/pkg/onlyamsmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/repeatindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/slantsc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slantsc>
  - *The subfloat package. Sub-numbering for figures and tables.* 2019-03-12. Version 2.14. LICENSE: lppl  
URL: <https://ctan.org/pkg/subfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfloat>
  - *The substr package. Deal with substrings in strings.* 2019-03-12. Version 1.2. LICENSE: lppl1  
URL: <https://ctan.org/pkg/substr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/substr>
  - *The ttf-howto package. Using TrueType fonts with T<sub>E</sub>X systems.* 2019-03-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ttf-howto>  
MIRROR: <https://mirror.ctan.org/info/TrueType>
  - *The typogrid package. Print a typographic grid.* 2019-03-12. Version 0.21. LICENSE: lppl  
URL: <https://ctan.org/pkg/typogrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typogrid>
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URL: <https://ctan.org/pkg/warning>  
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- Harders, Harald and Morten Høgholm. *The contour package. Print a coloured contour around text.* 2019-03-12. Version 2.14. LICENSE: lppl  
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URL: <https://ctan.org/pkg/babelbib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
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MIRROR: <https://mirror.ctan.org/graphics/duotenzor>
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URL: <https://ctan.org/pkg/libris>  
MIRROR: <https://mirror.ctan.org/fonts/libris>
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- been modified and developed by the Arkandis Digital foundry. Support for using the fonts, in L<sup>A</sup>T<sub>E</sub>X, is also provided (and makes use of the package).
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 URL: <https://ctan.org/pkg/cmcyralt-ltx>  
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 URL: <https://ctan.org/pkg/adfathesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adfathesis>
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 URL: <https://ctan.org/pkg/setspace>  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/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://ctan.org/pkg/maad>  
 MIRROR: <https://mirror.ctan.org/info/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting*. 2016-06-24. LICENSE: other-free. Provides two new commands: and for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.  
 URL: <https://ctan.org/pkg/nestquot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
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 URL: <https://ctan.org/pkg/harnon-cv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>
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 URL: <https://ctan.org/pkg/arev>  
 MIRROR: <https://mirror.ctan.org/fonts/arev>
- *The free-math-font-survey package. A survey of available free Mathematics fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/free-math-font-survey>  
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- Hartmann, Richard. *The OpTeXcount package. Python script for counting words in OpTeX documents*. 2019-01-01. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/optexcount>  
 MIRROR: <https://mirror.ctan.org/support/optexcount>
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 URL: <https://ctan.org/pkg/flashmovie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>
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 URL: <https://ctan.org/pkg/latexbangla>  
 MIRROR: <https://mirror.ctan.org/language/bengali/latexbangla>
- Hassel, Frank. *The bdfchess package. Typeset correspondence chess games*. 2016-06-24. Version 1.2. LICENSE: nosell. A L<sup>A</sup>T<sub>E</sub>X (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess

- Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.  
 URL: <https://ctan.org/pkg/bdfchess>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/bdfchess>
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 MIRROR: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>
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 URL: <https://ctan.org/pkg/glossaries-nynorsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-nynorsk>
- Havlik, Denis. *The abstbook package. Books of abstracts*. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X class file for making ‘books of abstracts’, commonly used for conferences. It is based on report class, however has been redefined and shouldn’t be used.  
 URL: <https://ctan.org/pkg/abstbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>
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 URL: <https://ctan.org/pkg/mandi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
- Hecking, Lars, Thomas Williams, and Colin Kelley. *The gnuplot package. General purpose plotting program*. 2019-02-09. Version 5.2.6. LICENSE: other-free  
 URL: <https://ctan.org/pkg/gnuplot>  
 MIRROR: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
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 URL: <https://ctan.org/pkg/brief-t>  
 MIRROR: <https://mirror.ctan.org/support/brief-t>
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 URL: <https://ctan.org/pkg/obas>
- Hefferon, Jim. *The concrete-macros package. Consistent text and maths using concrete fonts*. 2016-06-24. LICENSE: noinfo. Aspiring users of Knuth’s concrete fonts are often recommended to use the and packages for consistent text and mathematics setting. This package loads both.  
 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
- *The escapeTeX package. Make plain text safe for use in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeX>
  - *The first-packages package. A short list of go-to L<sup>A</sup>T<sub>E</sub>X packages, aimed at a beginner*. 2021-01-02. LICENSE: cc0  
 URL: <https://ctan.org/pkg/first-packages>
  - *The Shaded theorems package. Theorem environments that are shaded*. 2020-01-08. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shadethm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
  - *The style-showcase package. Make a web page to compare styles*. 2016-06-24. Version 1.0.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/style-showcase>  
 MIRROR: [https://mirror.ctan.org/support/style\\_showcase](https://mirror.ctan.org/support/style_showcase)
  - *The undergradmath package. L<sup>A</sup>T<sub>E</sub>X Math for Undergraduates cheat sheet*. 2021-01-03. LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/undergradmath>  
 MIRROR: <https://mirror.ctan.org/info/undergradmath>
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 URL: <https://ctan.org/pkg/venn>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/venn>
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 URL: <https://ctan.org/pkg/first-latex-doc>  
 MIRROR: <https://mirror.ctan.org/info/first-latex-doc>

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 MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
- Heibl, Christoph. *The bracketkey package. Produce bracketed identification keys*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an environment for use when producing lists of species.  
 URL: <https://ctan.org/pkg/bracketkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
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 URL: <https://ctan.org/pkg/lookbibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/lookbibtex>
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 URL: <https://ctan.org/pkg/dice>  
 MIRROR: <https://mirror.ctan.org/fonts/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://ctan.org/pkg/epsdice>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epsdice>
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-3dplot>
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 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
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 URL: <https://ctan.org/pkg/mxedruli>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/mxedruli>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynom>
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 URL: <https://ctan.org/pkg/ksp-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ksp-thesis>
- Heitkoetter, Joerg. *The fancychapters package. Chapters with quotations*. 2016-06-24. Version 1.1. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/fancychapters.sty>
- Hejda, Tomas. *The chkfloat package. Warn whenever a float is placed "to far away"*. 2021-08-26. Version 0.1. LICENSE: lppl1.3. The package checks for floats that are placed too far from their origin. It was motivated by a question on the page.  
 URL: <https://ctan.org/pkg/chkfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>
- *The eqnalign package. Make eqnarray behave like align*. 2017-02-22. Version 1.0a. LICENSE: lppl1.3. The package makes environment behave like from . It is intended for quick-fixing documents that use . In cases where it fails, manual conversion to is required, but these cases should be seldom.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
- Helbig, Wolfgang. *The tex-ewd package. Macros to typeset calculational proofs and programs in Dijkstra's style*. 2016-06-24. LICENSE: bsd. Edsger W. Dijkstra and others suggest a and to construct programs. This package provides macros that support calculational

- proofs and Dijkstra’s “guarded command language”.  
 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
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 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
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 MIRROR: <https://mirror.ctan.org/language/hyphenation/fihyph>
- *The lshort-finnish package. Finnish introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. This is the Finnish translation of , with added coverage of Finnish typesetting rules.  
 URL: <https://ctan.org/pkg/lshort-finnish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/finnish>
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 MIRROR: <https://mirror.ctan.org/obsolete/language/malayalam>
- Hellingman, Jeroen and Anshuman Pandey. *The oriya package. Typesetting the Oriya script using TeX*. 2016-06-24. Version 0.99. LICENSE: other-free  
 URL: <https://ctan.org/pkg/oriya>  
 MIRROR: <https://mirror.ctan.org/language/oriya>
- Hellström, Lars. *The relenc package. A “relaxed” font encoding*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/relenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relenc>
- *The rtkinenc package. Input encoding with fallback procedures*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rtkinenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
  - *The tcldoc package. Doc/docstrip for tcl*. 2016-07-19. Version 2.40. LICENSE: lppl. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout’s Tool Command Language (Tcl, pronounced “tickle”, a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L<sup>A</sup>T<sub>E</sub>X, whereas the tcldoc class more parallels the ltxdoc class.  
 URL: <https://ctan.org/pkg/tcldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
  - *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system*. 2016-06-24. Version prot2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xdoc>
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 URL: <https://ctan.org/pkg/fontinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
- Helvensteijn, Michiel. *The concepts package. Keeping track of formal ‘concepts’ for a particular field*. 2021-03-01. Version 0.0.5-r1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/concepts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
- *The lt3graph package. Provide a graph datastructure for experimental L<sup>A</sup>T<sub>E</sub>X3*. 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://ctan.org/pkg/lt3graph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
- *The underoverlap package. Position decorations over and under expressions.* 2021-03-01. Version 0.0.1-r1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/underoverlap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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<sup>A</sup>T<sub>E</sub>X argument substitution. It also allows you to carefully control argument expansion using a L<sup>A</sup>T<sub>E</sub>X3-style argument specification. Uses range from creating readable string templates (akin to C’s function) to performing otherwise complex token-list manipulation.  
URL: <https://ctan.org/pkg/withargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros.* 2021-05-14. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/noindentafter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts.* 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set. L<sup>A</sup>T<sub>E</sub>X support is available from the package.  
URL: <https://ctan.org/pkg/cmoutlines>  
MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>
- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dingbat>  
MIRROR: <https://mirror.ctan.org/fonts/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/mpstoeps>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12” Ruler containing Points and Inches.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pointruler>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.  
URL: <https://ctan.org/pkg/getitems>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getitems>
- *The qrcode package. Generate QR codes in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.51. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/qrcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
  - *The spot package. Spotlight highlighting for Beamer.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/spot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
- Hendrickson, Anders O. F. and Matthieu Guerquin-Kern. *The moodle package. Generating Moodle quizzes via L<sup>A</sup>T<sub>E</sub>X.* 2023-01-28. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/moodle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moodle>
- Henel, Yvon. *The annee-scolaire package. Automatically typeset the academic year (French way).* 2020-07-29. Version 1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/annee-scolaire>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
- *The clefval package. Key/value support with a hash.* 2020-07-29. Version 0.1. LICENSE: lppl1.3c. This package provides only two macros viz. and to define then use pairs of key/value and gives a semblance of a hash. Syntax: to define the value associated to the key, does not produce text; to return the value linked to the key. Both arguments of are ‘moving’ as L<sup>A</sup>T<sub>E</sub>X defines the term and we have sometimes to protect them.  
URL: <https://ctan.org/pkg/clefval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clefval>

- Henel, Yvon. *The engpron package. Helps to type the pronunciation of English words*. 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engpron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engpron>
- *The engrec package. Enumerate with lower- or uppercase Greek letters*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engrec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/expose-expl3-dunkerque-2019>  
 MIRROR: <https://mirror.ctan.org/info/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  $\LaTeX$  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://ctan.org/pkg/modroman>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
  - *The nonumonpart package. Prevent page numbers on part pages*. 2016-06-24. Version 1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/nonumonpart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/paresse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
  - *The simples-matrices package. Define matrices by given list of values*. 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/simples-matrices>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
  - *The tdsfrmath package. Macros for French teachers of mathematics*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tdsfrmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
  - *The yagusylo package. A symbol loader*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/yagusylo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
- Henel, Yvon and Josselin Noirel. *The drac package. Declare active character substitution, robustly*. 2018-01-06. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/drac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/tpic2pdftex>  
 MIRROR: <https://mirror.ctan.org/graphics/tpic2pdftex>
- Henlich, Thomas. *The makeglos package. Include a glossary into a document*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/makeglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/marvosym>  
 MIRROR: <https://mirror.ctan.org/fonts/marvosym>
- Hennig, Matthias. *The jneurosci package. BibTeX style for the Journal of Neuroscience*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jneurosci>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jneurosci>
- *The jphysiol package. BibTeX style for the Journal of Physiology*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jphysiol>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>

- Hennig, Stephan. *The bpolynomial package. Drawing polynomial functions of up to order 3*. 2016-06-24. Version 0.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bpolynomial>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
- *The mcaption package. Put captions in the margin*. 2016-06-24. Version 3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/mpcolornames>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>
  - *The semioneside package. Put only special contents on left-hand pages in two sided layout*. 2016-06-24. Version 0.41. LICENSE: lppl  
 URL: <https://ctan.org/pkg/semioneside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semioneside>
  - *The spelling package. Support for spell-checking of LuaTeX documents*. 2016-06-24. Version 0.41. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/spelling>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>
  - *The textpath package. Setting text along a path with MetaPost*. 2016-06-24. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textpath>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
- Hennig, Stephan and Roland Hieber. *The vc package. The vc (version control) bundle*. 2018-06-11. Version 0.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>
- Hennings, Wilfried, Fernando Dorner, and Andreas Granzer. *The latex2rtf package. Convert L<sup>A</sup>T<sub>E</sub>X into Rich Text Format*. 2017-04-18. Version 2.3.8. LICENSE: lppl. Translates L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/latex2rtf>  
 MIRROR: <https://mirror.ctan.org/support/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 (ERAЕ), 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://ctan.org/pkg/economic>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic>
- Hensel, Martin. *The mhchem package. Typeset chemical formulae/equations and H and P statements*. 2021-12-31. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mhchem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mhchem>
- Hernández, Noel Merino. *The antique-spanish-units package. A short document about antique spanish units*. 2023-09-19. Version 1.4. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/antique-spanish-units>  
 MIRROR: <https://mirror.ctan.org/info/spanish/antique-spanish-units>
- Herpers, Sascha. *The tokenizer package. A tokenizer*. 2016-06-24. Version 1.1.0. LICENSE: lppl. A tokenizer for L<sup>A</sup>T<sub>E</sub>X. 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://ctan.org/pkg/tokenizer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/these>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/these.bst>

- Herz-Fischler, Roger. *The do-it-yourself-tex package. Back to Plain XeTeX*. 2019-03-19. Version 1.3. LICENSE: pd  
 URL: <https://ctan.org/pkg/do-it-yourself-tex>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/plain/do-it-yourself-tex>
- Heslin, Peter J. *The ellipsis package. Fix uneven spacing around ellipses in L<sup>A</sup>T<sub>E</sub>X text mode*. 2020-06-04. Version 1.8. LICENSE: lppl1.3c.  
 This is a simple package that fixes a problem in the way L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/ellipsis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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<sup>A</sup>T<sub>E</sub>X are built with , so the constraint should not be onerous).  
 URL: <https://ctan.org/pkg/ibycus-babel>  
 MIRROR: <https://mirror.ctan.org/language/greek/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://ctan.org/pkg/t1utils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/t1utils>
- Hetland, Magnus Lie. *The abspos package. Absolute placement with coffins*. 2022-09-24. Version 0.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/abspos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abspos>
- *The pseudo package. Straightforward pseudocode*. 2023-03-21. Version 1.2.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/pseudo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pseudo>
  - *The skeldoc package. Placeholders for unfinished documents*. 2021-02-25. Version 0.1.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/skeldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeldoc>
- Heuer, Johannes. *The la package. School handwriting fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/la>  
 MIRROR: <https://mirror.ctan.org/fonts/la>
- Heyl, Udo. *The china2e package. Font and macros for Chinese calendar*. 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/china2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/china2e>
- *The morse package. Support for printing Morse code signs*. 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/morse>  
 MIRROR: <https://mirror.ctan.org/fonts/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://ctan.org/pkg/inlinedef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
- *The marginfix package. Patch \marginpar to avoid overfull margins*. 2020-05-07. Version 1.2. LICENSE: lppl. Authors using L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/marginfix>  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/alphabib>
- *The shlatex package. L<sup>A</sup>T<sub>E</sub>X compilation script for Linux (written in Bash)*. 2016-06-24. Version 1.2b. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/support/shlatex>
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 URL: <https://ctan.org/pkg/labtex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/labtex>
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 URL: <https://ctan.org/pkg/makor2>  
 MIRROR: <https://mirror.ctan.org/language/hebrew/makor>
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 URL: <https://ctan.org/pkg/mathinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
- *The mathkit package. Generate maths fonts to match outline fonts.* 2016-06-24. Version 0.7. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathkit>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathkit>
- *The poetica package. Support for Adobe Poetica fonts in Type 1 format.* 2021-08-26. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/poetica>  
 MIRROR: <https://mirror.ctan.org/fonts/poetica>
- *The vfinst 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 .  
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 URL: <https://ctan.org/pkg/schwalbe-chess>  
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 MIRROR: <https://mirror.ctan.org/support/xtexshell>
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 URL: <https://ctan.org/pkg/annotation-pkg>  
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 URL: <https://ctan.org/pkg/raleway>  
 MIRROR: <https://mirror.ctan.org/fonts/raleway>
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 URL: <https://ctan.org/pkg/sourcecodepro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcecodepro>
- *The SourceSansPro package. Use SourceSansPro with T<sub>E</sub>X(-alike) systems*. 2020-04-26. Version 2.8. LICENSE: ofl,lppl1.3  
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 MIRROR: <https://mirror.ctan.org/fonts/sourceserifpro>
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 URL: <https://ctan.org/pkg/biblatex-iso690>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-iso690>
- *The ctanbib package. Export CTAN entries to bib format*. 2023-09-18. Version 0.2c. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/support/ctanbib>
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 URL: <https://ctan.org/pkg/linebreaker>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/linebreaker>

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- *The luavlna package. Prevent line breaks after single letter words, units, or academic titles*. 2023-06-21. Version 0.1l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luavlna>  
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  - *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://ctan.org/pkg/luaxml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaxml>
  - *The make4ht package. A build system for tex4ht*. 2023-02-24. Version 0.3m. LICENSE: lppl1.3. is a simple build system for , a T<sub>E</sub>X 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://ctan.org/pkg/make4ht>  
 MIRROR: <https://mirror.ctan.org/support/make4ht>
  - *The odsfile package. Read OpenDocument Spreadsheet documents as L<sup>A</sup>T<sub>E</sub>X tables*. 2023-09-07. Version 0.8. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/odsfile>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/odsfile>
  - *The sectionbreak package. L<sup>A</sup>T<sub>E</sub>X support for section breaks*. 2019-03-11. Version 0.1d. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/sectionbreak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats*. 2023-03-17. Version 0.3j. LICENSE: lppl1.3. This is a bundle of Lua scripts and L<sup>A</sup>T<sub>E</sub>X packages for conversion of L<sup>A</sup>T<sub>E</sub>X files to ebook formats such as epub, mobi and epub3. is used as the conversion engine.  
 URL: <https://ctan.org/pkg/tex4ebook>  
 MIRROR: <https://mirror.ctan.org/support/tex4ebook>
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 URL: <https://ctan.org/pkg/uninormalize>  
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 URL: <https://ctan.org/pkg/dblfloatfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>
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 URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>\**. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfrac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
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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://ctan.org/pkg/empheq>

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

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

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Holbrook, Joshua. *The uafthesis package. Document class for theses at University of Alaska Fairbanks*. 2020-12-30. Version 12.12. LICENSE: lppl

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Holkar, Rohit Dilip. *The latex-mr package. A practical guide to L<sup>A</sup>T<sub>E</sub>X and Polyglossia for Marathi and other Indian languages*. 2020-06-07. Version 1.0. LICENSE: lppl1.3. The package provides a short guide to L<sup>A</sup>T<sub>E</sub>X and specifically to the package. This document aims to introduce L<sup>A</sup>T<sub>E</sub>X and polyglossia for Indian languages. Though the document often discusses the language Marathi, the discussion applies to other India languages also, with some minute changes which are described in Section 1.2. We assume that the user of this document knows basic (La)TeX or has, at least, tried her hand on it. This document is not very suitable for first time users.

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

MIRROR: <https://mirror.ctan.org/info/latex-mr>

Holmes, Rich. *The anti package. Typeset an anti-particle in maths mode*. 2020-04-11. LICENSE: noinfo

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MIRROR: <https://mirror.ctan.org/macros/generic/misc/anti.tex>

Holt, Alexander and Jean-François Lamy. *The a4wide package. "Wide" a4 layout*. 2016-06-24. LICENSE: lppl1

URL: <https://ctan.org/pkg/a4wide>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a4wide>

Holzmann, Frédéric. *The symbolindex package. Generate a list of symbols with different subgroups*. 2016-06-24. LICENSE: gpl

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Höns, Robin. *The nlatexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and .Net (or Mono)*. 2016-06-24. Version 0.03. LICENSE: gpl

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

— *The ratexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and Ruby*. 2016-06-24. Version 0.13. LICENSE: gpl

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

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

Horn, Berthold K. P. and David Carlisle. *The psnfssx-em package. Support for the em family of fonts*. 2016-06-24. LICENSE: noinfo. The fonts were a commercial product of Y&Y, Inc, providing a set in Adobe Type 1 format that extended the Computer Modern set with accented glyphs suitable for arranging in L<sup>A</sup>T<sub>E</sub>X T1 encoding. This bundle provides a standard set of interfaces for using the fonts.

URL: <https://ctan.org/pkg/psnfssx-em>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/bbold-type1>

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

Horne, Roger. *The ltextex package. Typesetting legal documents using plain T<sub>E</sub>X*. 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 T<sub>E</sub>X. The

- bundle incorporates the ruled table macros from .  
 URL: <https://ctan.org/pkg/lextex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/lextex>
- Horvath, Kent. *The lewis package. Draw Lewis structures.* 2016-06-24. Version 0.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/lewis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lewis>
- Hosek, Don. *The apeqnum package. Number equations by appendix.* 2016-06-24. LICENSE: noinfo. A package (originally written for L<sup>A</sup>T<sub>E</sub>X 2.09, but will work in L<sup>A</sup>T<sub>E</sub>X 2e) to cause equation numbers in class (style), as A1, A2, A3, ..., B1, etc.  
 URL: <https://ctan.org/pkg/apeqnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>
- *The cmpica package. A Computer Modern Pica variant.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/cmpica>  
 MIRROR: <https://mirror.ctan.org/fonts/cmpica>
- *The epigram package. Display short quotations.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/epigram>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>
- *The landscape package. Set up for typesetting in landscape.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/landscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/landscape.sty>
- *The mflologo209 package. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
 URL: <https://ctan.org/pkg/mflogo209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/mf.sty>
- *The resumemac package. Plain T<sub>E</sub>X macros for resumé.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/resumemac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/resumemac>
- *The TeX-mag package. An on-line T<sub>E</sub>X magazine.* 2016-06-24. LICENSE: digest  
 URL: <https://ctan.org/pkg/tex-mag>  
 MIRROR: <https://mirror.ctan.org/info/digests/tex-mag>
- *The varisize package. Change font size in Plain T<sub>E</sub>X.* 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://ctan.org/pkg/varisize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/varisize>
- Hosek, Don, Leo Broska, and Don Hosek. *The breakcites package. Ensure that multiple citations may break at line end.* 2016-06-24. LICENSE: other-free. Makes a very minor change to the operation of the command. Note that the change is necessary in unmodified L<sup>A</sup>T<sub>E</sub>X; however, there remain packages that restore the undesirable behaviour of the command as provided in L<sup>A</sup>T<sub>E</sub>X 2.09. (Note that neither nor make this mistake.)  
 URL: <https://ctan.org/pkg/breakcites>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakcites>
- Hosek, Don and Hans-Martin Münch. *The morefloats package. Increase the number of simultaneous L<sup>A</sup>T<sub>E</sub>X floats.* 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/morefloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
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 MIRROR: <https://mirror.ctan.org/fonts/amiri>
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 MIRROR: <https://mirror.ctan.org/fonts/xits>
- Hosny, Khaled and Donald E. Knuth. *The punknova package. OpenType version of Knuth's Punk font.* 2016-06-24. Version 1.003. LICENSE: other-free  
 URL: <https://ctan.org/pkg/punknova>  
 MIRROR: <https://mirror.ctan.org/fonts/punknova>
- Hosny, Khaled and Caleb Maclennan. *The libertinus-fonts package. The Libertinus font family.* 2021-02-26. Version 7.040. LICENSE: ofl



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MIRROR: <https://mirror.ctan.org/fonts/libertinus-fonts>
- Hosoda, Masamichi. *The extractpdfmark package. Extract page mode and named destinations as PDFmark from PDF.* 2022-10-02. Version 1.1.1. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/extractpdfmark>  
MIRROR: <https://mirror.ctan.org/support/extractpdfmark>
- *The haranoaji package. Harano Aji Fonts.* 2023-06-11. Version 20230610. LICENSE: ofl  
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MIRROR: <https://mirror.ctan.org/fonts/haranoaji>
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URL: <https://ctan.org/pkg/haranoaji-extra>  
MIRROR: <https://mirror.ctan.org/fonts/haranoaji-extra>
- Hossain, M. Zahid. *The noconflict package. Resolve macro name conflict between packages.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/noconflict>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noconflict>
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URL: <https://ctan.org/pkg/bangla>  
MIRROR: <https://mirror.ctan.org/language/bengali/bangla>
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URL: <https://ctan.org/pkg/polynomial>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynomial>
- Hotta, Kohsaku. *The mathabx-type1 package. Outline version of the mathabx fonts.* 2016-06-24. LICENSE: lppl. This is an Adobe Type 1 outline version of the fonts.  
URL: <https://ctan.org/pkg/mathabx-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/mathabx>
- 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://ctan.org/pkg/hletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hletter>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tlc-article>
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URL: <https://ctan.org/pkg/musical>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musical>
- Hu, Xuan. *The resumec1s package. Typeset a resume both in English and Chinese.* 2020-04-20. Version 0.4.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/resumec1s>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/resumec1s>
- Hu, Zou. *The beamertheme-epyt package. A simple and clean theme for L<sup>A</sup>T<sub>E</sub>X beamer class.* 2017-04-18. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/beamertheme-epyt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/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://ctan.org/pkg/coloring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloring>
  - *The interchar package. Managing character class schemes in XeTeX.* 2017-04-18. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/interchar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/interchar>
- Huang, Alpha. *The latex-notes-zh-cn package. Chinese Introduction to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2021-12-29. Version 1.20. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-notes-zh-cn>  
MIRROR: <https://mirror.ctan.org/info/latex-notes-zh-cn>

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URL: <https://ctan.org/pkg/block>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/block>
- Huang, Jing. *The Evangelion-JFM package*. A Japanese font metric supporting many advanced features. 2023-08-25. Version 1.0.5 (b). LICENSE: mit. This package provides a Japanese Font Metric supporting vertical and horizontal typesetting, ‘linegap punctuations’, ‘extended fonts’, and more interesting and helpful features using traditional (‘’) and simplified (‘’) Chinese or Japanese fonts under LuaTeX-jā. It also makes full use of the ‘priority’ feature, meeting the standards, and allows easy customisation.  
URL: <https://ctan.org/pkg/evangelion-jfm>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/evangelion-jfm>
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URL: <https://ctan.org/pkg/sduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sduthesis>
- *The xprintlen package*. Print  $\TeX$  lengths in a variety of units. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xprintlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xprintlen>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcmthesis>
- Huang, Pin-Yen. *The Beamertheme-SimpleDarkBlue package*. Template for a simple presentation. 2021-07-28. LICENSE: pd  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simplesdarkblue>
- *The beamertheme-SimplePlus package*. A simple and clean theme for  $\LaTeX$  beamer. 2022-11-02. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/beamertheme-simpleplus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simpleplus>
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URL: <https://ctan.org/pkg/parnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parnotes>
- Hughes, Chris. *The latexindent package*. Indent a  $\LaTeX$  document, highlighting the programming structure. 2023-09-23. Version 3.23.2. LICENSE: gpl3  
URL: <https://ctan.org/pkg/latexindent>  
MIRROR: <https://mirror.ctan.org/support/latexindent>
- Hülse, Rainer and Wolfgang Kaspar. *The expdlist package*. Expanded description environments. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/expdlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/expdlist>
- Hunt, Neil. *The pstex package*. Processor for including figures in  $\LaTeX$ . 2016-06-24. Version 1.8. LICENSE: nosell. The bundle provides a package whose macros write details of required figures to the file; a separate processor then calculates precise details of the graphic inclusion.  
URL: <https://ctan.org/pkg/pstex>  
MIRROR: <https://mirror.ctan.org/graphics/pstex>
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URL: <https://ctan.org/pkg/assocnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/assocnt>
- *The cntperchap package*. Store counter values per chapter. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cntperchap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntperchap>
- *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://ctan.org/pkg/crossreftools>  
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 URL: <https://ctan.org/pkg/jumplines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jumplines>
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 URL: <https://ctan.org/pkg/xassoccnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xassoccnt>
  - *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://ctan.org/pkg/xcntperchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/javadvi>  
 MIRROR: <https://mirror.ctan.org/dviware/javadvi>
- Hutchinson, Ian. *The figflow package. Flow text around a figure.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/figflow>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/figflow>
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 URL: <https://ctan.org/pkg/tth>  
 MIRROR: <https://mirror.ctan.org/support/tth/dist>
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 URL: <https://ctan.org/pkg/amslatexdoc-vietnamese>  
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 URL: <https://ctan.org/pkg/ctantools>  
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  - *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://ctan.org/pkg/extarrows>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extarrows>
  - *The ktv-texdata package. Extract subsets of documents.* 2020-03-19. Version 05.34. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ktv-texdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ktv-texdata>
  - *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://ctan.org/pkg/nththeorem-vn>  
 MIRROR: <https://mirror.ctan.org/info/translations/nththeorem/vn>
  - *The pydocstrip package. Scripted version of  $\LaTeX$  docstrip.* 2020-03-19. LICENSE: gpl. Pydocstrip is a Python script that provides several facilities not available via the  $\LaTeX$  standard .  
 URL: <https://ctan.org/pkg/pydocstrip>  
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 URL: <https://ctan.org/pkg/epix>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basque-book>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basque-date>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ekaia>
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 URL: <https://ctan.org/pkg/courier>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/psfonts/ibm/courier>
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 URL: <https://ctan.org/pkg/techexplorer>
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 URL: <https://ctan.org/pkg/asypictureb>  
 MIRROR: <https://mirror.ctan.org/graphics/asypictureb>
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 URL: <https://ctan.org/pkg/textool>  
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 URL: <https://ctan.org/pkg/listofanswers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listofanswers>
- Irwin, Oliver. *The frpseudocode package. French translation for the algorithmicx package*. 2020-08-10. Version 0.3.0. LICENSE: lppl1.3c. 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://ctan.org/pkg/frpseudocode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frpseudocode>
- Isambert, Paul. *The lecturer package. On-screen presentations for (almost) all formats*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lecturer>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lecturer>
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 URL: <https://ctan.org/pkg/librarian>  
 MIRROR: <https://mirror.ctan.org/macros/generic/librarian>
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URL: <https://ctan.org/pkg/ftnxtra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftnxtra>
  - *The ghab package. Typeset ghab boxes in L<sup>A</sup>T<sub>E</sub>X.* 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.  
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/impsproc>
  - *The mpgraphics package. Process and display MetaPost figures inline.* 2019-09-08. Version 0.3. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/parisa>  
MIRROR: <https://mirror.ctan.org/fonts/parisa>
  - *The parsitex package. A localized Persian and bidirectional extension of T<sub>E</sub>X.* 2019-09-08. Version 3.10. LICENSE: pd  
URL: <https://ctan.org/pkg/parsitex>  
MIRROR: <https://mirror.ctan.org/systems/parsitex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/roundbox>
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URL: <https://ctan.org/pkg/showcharinbox>  
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  - *The simurgh package. Typeset Parsi in LuaLaTeX.* 2019-09-08. Version 0.01b. LICENSE: gpl2  
URL: <https://ctan.org/pkg/simurgh>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/simurgh>
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URL: <https://ctan.org/pkg/tram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tram>
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unicode-bidi>
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 URL: <https://ctan.org/pkg/defoldfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/defoldfonts>
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 URL: <https://ctan.org/pkg/floatrowbyctobasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatrowbyctobasic>
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 MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-4>
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 URL: <https://ctan.org/pkg/koma-script-examples-5>  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
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 URL: <https://ctan.org/pkg/luaindex>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaindex>
  - *The makelabels package. Add a ‘\makelabels’ feature to KOMA-Script letter classes and package*. 2021-08-21. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/makelabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makelabels>
  - *The marginnote package. Notes in the margin, even where \marginpar fails*. 2023-09-07. 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://ctan.org/pkg/marginnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginnote>
  - *The normalcolor package. Changing \normalcolor*. 2016-11-16. Version r11. LICENSE: lppl1.3. This package provides a command with the same syntax as the command either of package or of package . However, will not change the colour but the / color.  
 URL: <https://ctan.org/pkg/normalcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/normalcolor>
  - *The pfarrei package. L<sup>A</sup>T<sub>E</sub>X support of pastors’ and priests’ work*. 2016-06-24. Version r36. LICENSE: lppl1.3. In “Die T<sub>E</sub>Xnische Komödie” (issue 1/2013) Christian Justen described his use of L<sup>A</sup>T<sub>E</sub>X in his work as priest (similar requirements may be encountered in the work of pastors and other ministers of religion). One point was to arrange A5 pages onto A4 landscape paper, either side-by-side or as a booklet. Justen made two bash scripts for this job; the package provides one texlua script for both requirements. (Note that file should have execute permissions in any installation.)  
 URL: <https://ctan.org/pkg/pfarrei>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pfarrei>
  - *The rule-d package. Provide L<sup>A</sup>T<sub>E</sub>X3 commands for typesetting rules*. 2021-06-18. Version 23. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rule-d>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
  - *The scraddr package. Provide data from scrlltr2’s address files*. 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.  
 URL: <https://ctan.org/pkg/scraddr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrartcl package. Koma-Script ‘article’ class*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrartcl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrbase package. Provide basic features for KOMA-Script*. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrbase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
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 URL: <https://ctan.org/pkg/scrbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrdate package. Calendar date operations*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrdate>  
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  - *The scrextend package. Use of components of KOMA-Script by other packages*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrextend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrjura package. Koma-Script support for lawyers, etc*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrjura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer package. Manage text ‘layers’ within Koma-Script*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c. The package is part of the , and provides control of ‘background’ and ‘foreground’ layers for a page style description.  
 URL: <https://ctan.org/pkg/scrlayer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>



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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrlayer-fancyhdr>
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 URL: <https://ctan.org/pkg/scrlayer-notecolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer-scrpage package. Define and manage page styles*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c. This package is the part of the bundle that provides an end user interface to , allowing the user to define and manage page styles by controlling page headers and footers. The end user interface is compatible enough to that of the earlier package, so that users should easily be able to switch from the older package to the newer, more powerful, one.  
 URL: <https://ctan.org/pkg/scrlayer-scrpage>  
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  - *The scrletter package. Letter extension to KOMA-Script classes*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrfile package. Installation control for koma-script packages*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
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 URL: <https://ctan.org/pkg/scr1ttr2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrpage2 package. Control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X*. 2022-07-04. Version 3.30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrpage2>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The scrreprt package. KOMA-Script 'report' class*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrreprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files*. 2023-04-28. Version 0.1.99. LICENSE: lppl1.3c. The package provides a means of sending all L<sup>A</sup>T<sub>E</sub>X , table of contents, and other miscellaneous output via the L<sup>A</sup>T<sub>E</sub>X file. The mechanism subverts the mechanism of , and means there will never be a “No room for new ” message.  
 URL: <https://ctan.org/pkg/scrwfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrwfile>
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 URL: <https://ctan.org/pkg/setspaceenhanced>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspaceenhanced>
  - *The splitindex package. Unlimited number of indexes*. 2020-03-09. Version 1.2c. LICENSE: lppl. SplitIndex consists of a L<sup>A</sup>T<sub>E</sub>X package, , and a small program, . The package may be used to produce one index or several indexes. Without splitindex (for example, using the package), the number of indexes is limited by the number of T<sub>E</sub>X's output streams. But using the program you may use even more than 16 indexes: splitidx outputs only a single file and the program splits that file into several raw index files and calls your favorite index processor for each of the files.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/splitindex>
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 URL: <https://ctan.org/pkg/tocbasic>  
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 URL: <https://ctan.org/pkg/plantuml>  
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 URL: <https://ctan.org/pkg/refenums>  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/innerScript>
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MIRROR: <https://mirror.ctan.org/fonts/vntex-nonfree>
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 URL: <https://ctan.org/pkg/chordbars>  
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 URL: <https://ctan.org/pkg/bmeps>
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 URL: <https://ctan.org/pkg/dktools>
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 URL: <https://ctan.org/pkg/fig2lat>
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 URL: <https://ctan.org/pkg/fig2vect>
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- Krieg, Christian. *The OSDA package. Commands for Proceedings of the Workshop on Open-Source Design Automation*. 2023-04-08. Version 1.2.0. LICENSE: lppl1.3,other-nonfree. This package automatically places a copyright notice as an un-numbered footnote on the title page of a document that calls , indicating the information on the workshop where the paper was presented, along with additional information on the host conference, the license under which the document is published, and a link to the corresponding web page of the paper. The generated copyright notice contains a logo of the workshop, and a QR code that



points to the paper’s web page (to lead to further material). For cases when the copyright notice is not automatically set in the title page’s footnote, the copyright notice can be set manually as well.

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

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

Krishnamurthy, Venkat and Michael DeCorte. *The res package. A resumé class*. 2018-01-06. LICENSE: nosell

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resume/res.cls>

Krommes, John A. *The fweb package. A literate programming tool working with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.62. LICENSE: gpl. FWEB is based on an early version (0.5) of Silvio Levy’s . The ‘F’ stands for Fortran (which motivated the initial development), but FWEB now supports multiple-language programming in C, C++, Fortran, Ratfor, and T<sub>E</sub>X.

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

MIRROR: <https://mirror.ctan.org/web/fweb>

Kroonenberg, Siep. *The epspdf package. Converter for PostScript, EPS and PDF*. 2023-02-13. Version 0.6.5.1. 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://ctan.org/pkg/epspdf>

MIRROR: <https://mirror.ctan.org/support/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://ctan.org/pkg/epspdf-extra>

MIRROR: <https://mirror.ctan.org/obsolete/support/epspdf-extra>

— *The epspdf-setup package. epspdf with GUI installer*. 2023-02-14. 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 T<sub>E</sub>X installation. On other platforms, the plain epspdf package should suffice.

URL: <https://ctan.org/pkg/epspdf-setup>

MIRROR: <https://mirror.ctan.org/obsolete/support/epspdf-setup>

— *The latexcourse-rug package. A L<sup>A</sup>T<sub>E</sub>X course book*. 2018-01-06. Version 1.1. LICENSE: other-free

URL: <https://ctan.org/pkg/latexcourse-rug>

MIRROR: <https://mirror.ctan.org/info/latexcourse-rug>

— *The tlaunch package. A Windows GUI to run a networked T<sub>E</sub>X Live as if installed locally*. 2023-03-09. Version 0.5.3. LICENSE: gpl3+

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

MIRROR: <https://mirror.ctan.org/obsolete/support/tlaunch>

Kroutikov, Mike. *The churchslavonic package. Typeset documents in Church Slavonic language using Unicode*. 2023-06-24. Version 0.2.4. LICENSE: mit

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

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Kroutikov, Mike and Aleksandr Andreev. *The fonts-churchslavonic package. Fonts for typesetting in Church Slavonic language*. 2023-06-24. Version 2.3. LICENSE: ofl

URL: <https://ctan.org/pkg/fonts-churchslavonic>

MIRROR: <https://mirror.ctan.org/fonts/fonts-churchslavonic>

Kruchinin, Stanislav. *The disser package. Class and templates for typesetting dissertations in Russian*. 2017-03-06. Version 1.5.0. LICENSE: lppl1.3

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

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

Krüger, Marcel. *The aligned-overset package. Fix alignment at \overset or \underset*. 2018-04-04. Version 0.1.0. LICENSE: lppl1.3c. This package allows the base character of or to be used as the alignment position for the aligned math environments.

URL: <https://ctan.org/pkg/aligned-overset>

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

— *The fontawesome5 package. Font Awesome 5 with L<sup>A</sup>T<sub>E</sub>X support*. 2022-05-02. Version 5.15.4. LICENSE: ofl,lppl1.3c. This package provides L<sup>A</sup>T<sub>E</sub>X support for the included “Font Awesome 5 Free” icon set. These icons were designed by and released under the SIL OFL 1.1 license. The commercial “Pro” version is also supported, if it is installed and X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X is used.

URL: <https://ctan.org/pkg/fontawesome5>

MIRROR: <https://mirror.ctan.org/fonts/fontawesome5>

— *The hyperbar package. Add interactive Barcode fields to PDF forms*. 2018-07-07. Version 0.1. LICENSE: lppl1.3c

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

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URL: <https://ctan.org/pkg/inputnormalization>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/generic/inputnormalization>
- *The intopdf package. Embed non-PDF files into PDF with hyperlink*. 2022-07-26. Version 0.4.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/intopdf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intopdf>
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URL: <https://ctan.org/pkg/lua-uni-algos>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lua-uni-algos>
  - *The luamathalign package. More flexible alignment in amsmath environments*. 2022-05-04. Version 0.3. LICENSE: lppl1.3c. Allow aligning mathematical expressions on points where where directly using is not possible, especially in nested macros or environments.  
URL: <https://ctan.org/pkg/luamathalign>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamathalign>
  - *The luapstricks package. A PSTricks backend for LuaLaTeX*. 2023-05-23. Version 0.10. LICENSE: lppl1.3. This package enables the use of directly in LuaL<sup>A</sup>T<sub>E</sub>X documents, without invoking external programmes, by implementing a PostScript interpreter in Lua. Therefore it does not require shell escape to be enabled or special environments, and instead allows PSTricks to be used exactly like in based documents.  
URL: <https://ctan.org/pkg/luapstricks>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/luapstricks>
  - *The LuauL package. Underlining for LuaLaTeX*. 2022-06-01. Version 0.2.0. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lua-ul>
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URL: <https://ctan.org/pkg/autotab>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/autotab>
- Krumeich, Alexander. *The biber-linux-aarch64 package. Biber binaries for Linux\_aarch64*. 2023-09-04. Version 2.19. LICENSE: artistic2. These are binaries for the linux-aarch64 platform. See for documentation, sources, and all else.  
URL: <https://ctan.org/pkg/biber-linux-aarch64>  
MIRROR: <https://mirror.ctan.org/biblio/biber/biber-linux-aarch64>
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URL: <https://ctan.org/pkg/antomega>  
MIRROR: <https://mirror.ctan.org/obsolete/systems/omega/contrib/antomega>
- *The cm-lgc package. Type 1 CM-based fonts for Latin, Greek and Cyrillic*. 2016-06-24. Version 0.5. LICENSE: gpl  
URL: <https://ctan.org/pkg/cm-lgc>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-lgc>
  - *The grkfinst package. Install Greek Type 1 fonts*. 2016-06-24. Version 0.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/grkfinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/grkfinst>
  - *The ofntinst package. Install Type 1 for use with Omega*. 2016-06-24. Version 0.2.2. LICENSE: lppl. This is a plug-in for , which takes several Type 1 fonts and merges them into one large (Unicode) virtual font for use with Omega.  
URL: <https://ctan.org/pkg/ofntinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/ofntinst>
- Kryukov, Alexey and Christian Justen. *The psgreek package. L<sup>A</sup>T<sub>E</sub>X support for Greek Type 1 fonts*. 2016-06-24. Version 0.6. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/psgreek>  
MIRROR: <https://mirror.ctan.org/fonts/greek/psgreek>
- Kryukov, Alexey, Nikola Lečić, Robert Alessi, and Bob Tennent. *The oldstandard package. OldStandard fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2023-05-17. Version 2.6. LICENSE: ofl,lppl,gpl

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- Kubica, Marek. *The texments package. Using the Pygments highlighter in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.2.0. LICENSE: lppl. A package which allows to use the Pygments highlighter inside L<sup>A</sup>T<sub>E</sub>X documents. supports syntax colouring of over 50 types of files, and ships with multiple colour schemes.  
 URL: <https://ctan.org/pkg/texments>  
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- Kuhlmann, Marco. *The fmp package. Include Functional MetaPost in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fmp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fmp>
- Kuhlmann, Vincent. *The highlightlatex package. Syntax highlighting for L<sup>A</sup>T<sub>E</sub>X*. 2021-03-18. LICENSE: mit. This package provides extensive colored syntax highlighting for L<sup>A</sup>T<sub>E</sub>X. For this purpose it builds on the generic package.  
 URL: <https://ctan.org/pkg/highlightlatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/highlightlatex>
- Kuhlmann, Volker. *The dvipsconfig package. Collection of dvips PostScript headers*. 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dvipsconfig>  
 MIRROR: <https://mirror.ctan.org/dviware/dvipsconfig>
- *The ieeepes package. IEEE Power Engineering Society Transactions*. 2016-06-24. Version 4.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ieeepes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ieeepes>
  - *The lhelp package. Miscellaneous helper packages*. 2016-06-24. Version 2.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lhelp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lhelp>
  - *The listbib package. Lists contents of BibTeX files*. 2016-06-24. Version 2.2. LICENSE: gpl. Generates listings of bibliographic data bases in format — for example for archival purposes. Included is a listbib.bst which is better suited for this purpose than the standard styles.  
 URL: <https://ctan.org/pkg/listbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listbib>
  - *The makefonts package. Shell scripts to generate bitmaps from Metafont sources*. 2016-06-24. Version 2.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/makefonts>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/makefonts>
  - *The photo package. A float environment for photographs*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/photo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/photo>
  - *The savefnmark package. Save name of the footnote mark for reuse*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/savefnmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savefnmark>
  - *The vmargin package. Set various page dimensions*. 2018-01-06. Version 2.5. LICENSE: lppl. Provides a macro to set various margins as well as dimensions for header/footer and page dimensions. Most common paper sizes, paper orientation, disabling of headers and footers, and two sided printing are supported. The vmargin package does not rely on other packages and was designed with speed and size in mind. Its user interface might not be very fancy, but it's fast, small, and gets the job done. If you are looking for something more elaborate try the package.  
 URL: <https://ctan.org/pkg/vmargin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vmargin>
  - *The vpage package. Set page sizes*. 2016-06-24. LICENSE: lppl. Set page sizes for many different pages. This package is now superseded by .  
 URL: <https://ctan.org/pkg/vpage>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/vpage.sty>
- Kuhlmann, Volker and Matthew Hebley. *The listing package. Produce formatted program listings*. 2018-01-06. Version 1.2. LICENSE: lppl. The listing environment is provided and is similar to figure and table, although it is not a floating environment. Includes support for , , and introduces , , . It produces a file. It does not change (unless the option is used), so packages that change the layout of still work.  
 URL: <https://ctan.org/pkg/listing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listing>

- Kuhn, Jonathan. *The interactiveworkbook package. LaTeX-based interactive PDF on the Web*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/interactiveworkbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveworkbook>
- Kuhn, Matthew R. *The ascelike package. Bibliography style for the ASCE*. 2016-06-24. Version 2.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ascelike>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ascelike>
- Kuhn, Tobias. *The bchart package. Draw simple bar charts in L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18. Version 0.1.3. LICENSE: mit  
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 URL: <https://ctan.org/pkg/ite>  
 MIRROR: <https://mirror.ctan.org/support/ite>
- Kuhnert, Sebastian. *The apptools package. Tools for customising appendices*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an command to add code to a hook that is executed when is called by the user. Additionally, a T<sub>E</sub>X conditional and a L<sup>A</sup>T<sub>E</sub>X-style conditional are provided to check if has already been called.  
 URL: <https://ctan.org/pkg/apptools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apptools>
- *The bibleref-parse package. Specify Bible passages in human-readable format*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package parses Bible passages that are given in human readable format. It accepts a wide variety of formats. This allows for a simpler and more convenient interface to the functionality of the package.  
 URL: <https://ctan.org/pkg/bibleref-parse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-parse>
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 URL: <https://ctan.org/pkg/ushyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ushyph>
- Kuipers, Tobias. *The harpoon package. Extra harpoons, using the graphics package*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/harpoon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harpoon>
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 URL: <https://ctan.org/pkg/exam-lite>  
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- *The jourcl package. Cover letter for journal submissions*. 2022-12-16. LICENSE: cc-by-sa-4  
 URL: <https://ctan.org/pkg/jourcl>  
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- *The jourrr package. A L<sup>A</sup>T<sub>E</sub>X template for journal rebuttal letters*. 2023-06-17. LICENSE: cc-by-sa-4  
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 URL: <https://ctan.org/pkg/thesis-gwu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thesis-gwu>
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 URL: <https://ctan.org/pkg/gradstudentresume>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradstudentresume>
- *The medstarbeamer package. Beamer document class for MedStar Health Research Institute*. 2018-04-22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/medstarbeamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/medstarbeamer>
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 URL: <https://ctan.org/pkg/mfwl>  
 MIRROR: <https://mirror.ctan.org/info/MFwL>
- Kumar, Shanu. *The hindawi-latex-template package. A L<sup>A</sup>T<sub>E</sub>X template for authors of the Hindawi journals*. 2021-02-21. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hindawi-latex-template>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hindawi-latex-template>
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- URL: <https://ctan.org/pkg/blackboard>  
MIRROR: <https://mirror.ctan.org/info/symbols/blackboard>
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URL: <https://ctan.org/pkg/doublestroke>  
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URL: <https://ctan.org/pkg/morehelp>  
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URL: <https://ctan.org/pkg/okuda>  
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URL: <https://ctan.org/pkg/jkthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jkthesis>
- Kurz, Vladislav and Daniel Taupin. *The t1-fraktur package. A pair of fraktur font families in T1 encoding*. 2016-06-24. LICENSE: noinfo  
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MIRROR: <https://mirror.ctan.org/fonts/t1-fraktur>
- Kusakabe, Yukoh. *The asternote package. Annotation symbols enclosed in square brackets and marked with an asterisk*. 2022-07-15. Version 1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/asternote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asternote>
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URL: <https://ctan.org/pkg/hideanswer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hideanswer>
  - *The inlinelabel package. Assign equation numbers to inline equations*. 2022-07-15. Version 1.2.1. LICENSE: mit  
URL: <https://ctan.org/pkg/inlinelabel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinelabel>
  - *The jpneduenumerate package. Enumerative expressions in Japanese education*. 2022-07-15. Version 1.2. LICENSE: mit  
URL: <https://ctan.org/pkg/jpneduenumerate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpneduenumerate>
  - *The jpnedumathsymbols package. Mathematical equation representation in Japanese education*. 2022-07-15. Version 1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/jpnedumathsymbols>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpnedumathsymbols>
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URL: <https://ctan.org/pkg/mathematica>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/Mathematica3.0>
- Küster, Frank. *The alnumsec package. Alphanumeric section numbering*. 2016-06-24. Version 0.03. LICENSE: lppl. This package allows you to use alphanumeric section numbering, for instance “A. Introduction ... III. International Law”. Its output is similar to , but you can use the standard L<sup>A</sup>T<sub>E</sub>X sectioning commands, so that it is possible to switch numbering schemes easily. Greek letters, double letters (bb) and different delimiters around them are supported.  
URL: <https://ctan.org/pkg/alnumsec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alnumsec>
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URL: <https://ctan.org/pkg/labbook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labbook>
  - *The volumes package. Typeset only parts of a document, with complete indexes etc*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/volumes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/volumes>
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URL: <https://ctan.org/pkg/guarani>  
MIRROR: <https://mirror.ctan.org/language/guarani>
  - *The luahyphenrules package. Loading patterns in Lua<sup>A</sup>T<sub>E</sub>X with language.dat*. 2020-08-28. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luahyphenrules>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/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<sup>A</sup>T<sub>E</sub>X running over ). This distribution has pre-alpha status, and is offered for experimentation and to attract contributions.  
URL: <https://ctan.org/pkg/mem>  
MIRROR: <https://mirror.ctan.org/macros/latex/exptl/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://ctan.org/pkg/soulpos>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/soulpos>
  - *The subdocs package. Multifile documents*. 2019-07-06. Version 0.1. LICENSE: mit  
URL: <https://ctan.org/pkg/subdocs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdocs>
  - *The tensind package. Typeset tensors*. 2019-07-06. Version 1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/tensind>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tensind>
  - *The texemplar package. A class for the journal of CervanTeX*. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/texemplar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Texemplar>
  - *The tipos package. Description of fonts for T<sub>E</sub>X, in Spanish*. 2023-06-10. LICENSE: nosource. The document describes (in Spanish) the large amount of types of files for fonts (‘tipo’ means ‘font’ in Spanish). has been by Thomas Ruedas.  
URL: <https://ctan.org/pkg/tipos>  
MIRROR: <https://mirror.ctan.org/obsolete/info/spanish/tipos>
  - *The titleps package. Page style control*. 2019-10-16. Version 2.13. LICENSE: mit  
URL: <https://ctan.org/pkg/titleps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titlesec package. Select alternative section titles*. 2021-07-05. Version 2.14. LICENSE: mit  
URL: <https://ctan.org/pkg/titlesec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/titletoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>



- López, Javier Bezos and Johannes L. Braams. *The babel package. Multilingual support for L<sup>A</sup>T<sub>E</sub>X, LuaLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and Plain T<sub>E</sub>X*. 2023-09-29. Version 3.95. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/base>
- *The babel-albanian package. Support for Albanian within babel*. 2020-11-25. Version 1.0d. LICENSE: lppl1.3. The package provides support for typesetting Albanian (as part of the system).  
 URL: <https://ctan.org/pkg/babel-albanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
  - *The babel-czech package. Babel support for Czech*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Czech in . Some shortcuts are defined, as well as translations to Czech of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>
  - *The babel-danish package. Babel contributed support for Danish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Danish conventions in a document (or a subset of the conventions, if Danish is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>
  - *The babel-dutch package. Babel contributed support for Dutch*. 2021-08-29. Version 3.8l. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Dutch conventions in a document (or a subset of the conventions, if Dutch is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>
  - *The babel-english package. Babel support for English*. 2017-06-07. Version 3.3r. LICENSE: lppl1.3. The package provides the language definition file for support of English in . Care is taken to select hyphenation patterns for British English and Australian text, and default (“”) patterns for Canadian and USA text.  
 URL: <https://ctan.org/pkg/babel-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
  - *The babel-finnish package. Babel support for Finnish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language description file that enables support of Finnish with .  
 URL: <https://ctan.org/pkg/babel-finnish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>
  - *The babel-interlingua package. Babel support for Interlingua*. 2018-01-13. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-interlingua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>
  - *The babel-irish package. Babel support for Irish*. 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-irish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>
  - *The babel-kurmanji package. Babel support for Kurmanji*. 2018-04-25. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-kurmanji>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>
  - *The babel-norsk package. Babel support for Norwegian*. 2022-11-17. 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://ctan.org/pkg/babel-norsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
  - *The babel-portuges package. Babel support for Portuges*. 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “L<sup>A</sup>T<sub>E</sub>X names”.  
 URL: <https://ctan.org/pkg/babel-portuges>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
  - *The babel-scottish package. Babel support for Scottish Gaelic*. 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 “L<sup>A</sup>T<sub>E</sub>X names”.  
 URL: <https://ctan.org/pkg/babel-scottish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>

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URL: <https://ctan.org/pkg/babel-slovenian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text*. 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
URL: <https://ctan.org/pkg/babel-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of L<sup>A</sup>T<sub>E</sub>X built-in-names. Shortcuts are also defined.  
URL: <https://ctan.org/pkg/babel-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish*. 2021-02-06. Version 2.3e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian*. 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “L<sup>A</sup>T<sub>E</sub>X names” are provided.  
URL: <https://ctan.org/pkg/babel-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin*. 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-samin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, Arthur Rosendahl, and Udi Fogiel. *The babel-hebrew package. Babel support for Hebrew*. 2023-08-22. Version 2.4a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>
- López, Javier Bezos, Johannes L. Braams, 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://ctan.org/pkg/babel-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/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://ctan.org/pkg/babel-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
- López, Javier Bezos, Johannes L. Braams, and Uroš Stefanović. *The babel-serbian package. Babel/Polyglossia support for Serbian*. 2022-09-30. Version 2.2a. LICENSE: lppl1.3. The package provides support for Serbian documents written in Latin, in .  
URL: <https://ctan.org/pkg/babel-serbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>
- López, Javier Bezos, Johannes L. Braams, and Eduard Werner. *The babel-sorbian package. Babel support for Upper and Lower Sorbian*. 2021-11-06. Version 1.0j. LICENSE: lppl1.3. The package provides language definitions file for support of both Upper and Lower Sorbian, in . Some shortcuts are defined, as well as translations to the relevant language of standard “L<sup>A</sup>T<sub>E</sub>X names”.  
URL: <https://ctan.org/pkg/babel-sorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 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://ctan.org/pkg/hyphen-spanish>  
MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>

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 URL: <https://ctan.org/pkg/fontefnf>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/german/fontefnf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/babel-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
- López, Joaquín Ataz. *The guia-bibtex package. Guia casi completa de BibT<sub>E</sub>X*. 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/guia-bibtex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
- López-Valencia, Alejandro and Santafé de Bogotá. *The oztex-fonts package. Fonts packaged for use in OzT<sub>E</sub>X*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/oztex-fonts>  
 MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/neufont>  
 MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2016-06-24. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibT<sub>E</sub>X standard set (, , and ), together with a style to work with .  
 URL: <https://ctan.org/pkg/din1505>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2018-03-07. Version 0.302. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/selnolig>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loreti, Maurizio. *The brushscr package. A handwriting script font*. 2019-07-06. LICENSE: pd. The BrushScript font simulates hand-written characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by L<sup>A</sup>T<sub>E</sub>X in order to use that font. The file fully describes the package and illustrates its use.  
 URL: <https://ctan.org/pkg/brushscr>  
 MIRROR: <https://mirror.ctan.org/fonts/brushscr>
- *The bsheaders package. Double-ruled chapter heading style*. 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
 URL: <https://ctan.org/pkg/bsheaders>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
  - *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 changed for the generation of different virtual files for whatever font.  
 URL: <https://ctan.org/pkg/lucold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucold>
  - *The recipe package. A L<sup>A</sup>T<sub>E</sub>X class to typeset recipes*. 2019-07-06. Version 0.9. LICENSE: pd. The layout design is relatively straightforward (and traditional: see ‘sample output’ under ‘documentation’); the class uses the Bookman and the fonts.  
 URL: <https://ctan.org/pkg/recipe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recipe>
  - *The RGB package. Tables of RGB colour parameters*. 2019-07-06. Version 1.2. LICENSE: other-free. The Linux (distributed as part of X11 distributions) is mechanically converted to a L<sup>A</sup>T<sub>E</sub>X file, which has been compiled to make the distribution. For details of the procedure, and sources, see the package’s home page.  
 URL: <https://ctan.org/pkg/rgb>  
 MIRROR: <https://mirror.ctan.org/info/colour/rgb>
  - *The sfheaders package. Sans headers*. 2019-07-06. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfheaders>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>

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 URL: <https://ctan.org/pkg/webomints>  
 MIRROR: <https://mirror.ctan.org/fonts/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a TeX run*. 2016-06-24. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lintex>  
 MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker*. 2023-05-17. Version 3.1.0. LICENSE: apache2,mit  
 URL: <https://ctan.org/pkg/pkgcheck>  
 MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package. Generalization of L<sup>A</sup>T<sub>E</sub>X's minipages*. 2016-06-24. Version 0.3.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genmpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genmpage>
- Lounsbury, Andrew. *The latex-for-undergraduates package. A tutorial aimed at introducing undergraduate students to L<sup>A</sup>T<sub>E</sub>X*. 2022-10-07. Version 1.0.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/latex-for-undergraduates>  
 MIRROR: <https://mirror.ctan.org/info/latex-for-undergraduates>
- *The suppose package. Abbreviate the word "Suppose"*. 2021-05-20. Version 1.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/suppose>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suppose>
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 URL: <https://ctan.org/pkg/tucv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tucv>
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 URL: <https://ctan.org/pkg/truecols>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>
- Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers)*. 2020-03-22. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/register>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/register>
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 URL: <https://ctan.org/pkg/beautybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautybook>
- Lubbers, Mart. *The rutitlepage package. Radboud University Titlepage Package*. 2022-02-22. Version 3.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rutitlepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>
- Lubenets, Yuri. *The LaTeX-WIDE package. Multifunctional editor for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/latexwide>  
 MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)
- *The russian-help package. L<sup>A</sup>T<sub>E</sub>X help in Russian*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/russian-help>  
 MIRROR: <https://mirror.ctan.org/info/win-help/latex/russian>
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 URL: <https://ctan.org/pkg/adhocfilelist>  
 MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
- *The bitelist package. Split list, in TeX's mouth*. 2017-05-05. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bitelist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
- *The catcodes package. Generic handling of TeX category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catcodes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
- *The commado package. Expandable iteration on comma-separated and filename lists*. 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commado>  
 MIRROR: <https://mirror.ctan.org/macros/generic/commado>



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 URL: <https://ctan.org/pkg/dhua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
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 URL: <https://ctan.org/pkg/doc-pictex>  
 MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>
  - *The dowith package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dowith>  
 MIRROR: <https://mirror.ctan.org/macros/generic/dowith>
  - *The edfnates package. Critical annotations to footnotes with ednotes*. 2018-01-06. Version 0.6b. LICENSE: lppl1.3. The package modifies the annotation commands and label-test mechanism of the package so that critical notes appear on the pages and in the order that one would expect.  
 URL: <https://ctan.org/pkg/edfnates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edfnates>
  - *The ednotes package. Typeset scholarly editions*. 2022-12-07. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
  - *The ffinddo package. Filtering files using T<sub>E</sub>X*. 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/ffinddo.sty>
  - *The ffinddo-info package. German HTML beamer presentation on nicetext and morehype*. 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/ffinddo-info>
  - *The filedate package. Access and compare info and modification dates*. 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a L<sup>A</sup>T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
  - *The fileinfo package. Enhanced display of L<sup>A</sup>T<sub>E</sub>X File Information*. 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.  
 URL: <https://ctan.org/pkg/fileinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The finstrut package. Adjust behaviour of the ends of footnotes*. 2017-05-06. Version 0.5. LICENSE: lppl1.3. The L<sup>A</sup>T<sub>E</sub>X internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.  
 URL: <https://ctan.org/pkg/finstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>
  - *The ifnextok package. Utility macro: peek ahead without ignoring spaces*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifnextok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>
  - *The inputtrc package. Trace which file loads which*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inputtrc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
  - *The langcode package. Simple language-dependent settings based on language codes*. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langcode>  
 MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
  - *The latexfileinfo-pkgs package. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information*. 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
 MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
  - *The longnamefilelist package. Tidy \listfiles with long file names*. 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>T<sub>E</sub>X’s command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.



- URL: <https://ctan.org/pkg/longnamefilelist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
- Lück, Uwe. *The ltabptch package. Bug fix for longtable*. 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
URL: <https://ctan.org/pkg/ltabptch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
- *The makedoc package. Preprocessing documentation with T<sub>E</sub>X*. 2017-05-06. Version 0.52. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/makedoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The monofill package. Alignment of plain text*. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/monofill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
  - *The morehype package. Hypertext tools for use with L<sup>A</sup>T<sub>E</sub>X*. 2017-05-06. Version r0.83. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/morehype>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morehype>
  - *The myfilist package. Configuring the output of the \listfiles command*. 2018-01-06. Version 0.71. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/myfilist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The nicefilelist package. Provide \listfiles alignment*. 2023-02-14. Version 0.9b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/nicefilelist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>
  - *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation*. 2017-05-06. Version r0.67. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nicetext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The niceverb package. Minimising markup for documenting L<sup>A</sup>T<sub>E</sub>X packages*. 2017-05-06. Version 0.51. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/niceverb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/niceverb.sty>
  - *The pictex-autoarea package. Automatic computation of bounding boxes with P<sub>i</sub>C<sub>T</sub>E<sub>X</sub>*. 2021-06-10. Version 0.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pictex-autoarea>  
MIRROR: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>
  - *The plainpkg package. A minimal method for making generic packages*. 2017-05-06. Version 0.4a. LICENSE: lppl1.3. The package provides a minimal method for making generic (i.e., T<sub>E</sub>X-format-independent) packaged, combining functionality, fallback definitions for L<sup>A</sup>T<sub>E</sub>X and functionality, and handling of arbitrary (multiple) “private letters” (analogous L<sup>A</sup>T<sub>E</sub>X packages’ use of “”) in nested package files. The documentation contains a central reference for making and using generic packages based on the package.  
URL: <https://ctan.org/pkg/plainpkg>  
MIRROR: <https://mirror.ctan.org/macros/generic/plainpkg>
  - *The readprov package. Provides GetFileInfo without the need to load the file*. 2017-05-06. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/readprov>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The tamefloats package. Experimentally use \holdinginserts with L<sup>A</sup>T<sub>E</sub>X floats*. 2017-05-06. Version 0.42. LICENSE: lppl1.3. L<sup>A</sup>T<sub>E</sub>X’s figures, tables, and s are dangerous for footnotes (and probably also ). Here is a proposal (a ‘patch’ package) to help, by using in a simple way. It replaces the original problem with a new one — it is an experiment to find out whether the new problem is less bad (or it is just a contribution to the discussion, maybe just a summary of previous work). The files provide further information.  
URL: <https://ctan.org/pkg/tamefloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tamefloats>
  - *The typeoutfileinfo package. Display class/package/file information*. 2023-07-29. Version 0.32. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/typeoutfileinfo>  
MIRROR: <https://mirror.ctan.org/support/typeoutfileinfo>
  - *The versions package. Optionally omit pieces of text*. 2017-05-06. Version 0.55. LICENSE: lppl1.3. Stephan Bellantoni’s has provided preamble commands for selecting environments to be included/excluded. This package does the same, but corrects, improves, and extends it in both implementation and function.  
URL: <https://ctan.org/pkg/versions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/versions>

- Lück, Uwe. *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document*. 2017-05-06. Version 0.2. LICENSE: lpl  
 URL: <https://ctan.org/pkg/wiki>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lück, Uwe and Karl Wette. *The fnlineno package. Number the lines of footnotes*. 2022-12-05. Version 0.55. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/fnlineno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bard>  
 MIRROR: <https://mirror.ctan.org/fonts/bard/bard.mf>
- *The srune package. Saxon rune font*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/srune>  
 MIRROR: <https://mirror.ctan.org/fonts/srune>
- Ludewig, Berthold. *The schwel1 package. Calligraphic font for typesetting handwriting in Schwell style*. 2016-07-29. LICENSE: lpl  
 URL: <https://ctan.org/pkg/schwel1>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style*. 2016-07-29. LICENSE: pd  
 URL: <https://ctan.org/pkg/sueterlin>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The va package. Handwriting fonts*. 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
 URL: <https://ctan.org/pkg/va>  
 MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German*. 2016-06-24. LICENSE: lpl. This is a translation of the manual for .  
 URL: <https://ctan.org/pkg/translation-enumitem-de>  
 MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator*. 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth's , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
 URL: <https://ctan.org/pkg/fntproof>  
 MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size*. 2016-06-24. Version 0.9. LICENSE: lpl. Redefines and , and defines . The dots produced by slant in the opposite direction to . All the commands are designed to change size appropriately in scripts, as well as in response to L<sup>A</sup>T<sub>E</sub>X size changing commands. The commands may also be used in plain T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/mathdots>  
 MIRROR: <https://mirror.ctan.org/macros/generic/mathdots>
- *The minifp package. Fixed-point real computations to 8 decimals*. 2016-06-24. Version 0.96. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/minifp>  
 MIRROR: <https://mirror.ctan.org/macros/generic/minifp>
- *The nkarta package. A "new" version of the karta cartographic fonts*. 2016-06-24. Version 0.2. LICENSE: pd. A development of the font, offering more mathematical stability in Metafont's. A version that will produce the glyphs as Encapsulated PostScript, using MetaPost, is also provided.  
 URL: <https://ctan.org/pkg/nkarta>  
 MIRROR: <https://mirror.ctan.org/fonts/nkarta>
- *The plstmary package. St. Mary's Road font support for plain T<sub>E</sub>X*. 2016-06-24. Version 0.5c. LICENSE: pd. The package provides commands to produce all the symbols of the fonts, in a Plain T<sub>E</sub>X environment.  
 URL: <https://ctan.org/pkg/plstmary>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plstmary>
- *The splines package. MetaPost macros for drawing cubic spline interpolants*. 2016-06-24. Version 0.2. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/splines>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/splines>
- *The threeddice package. Create images of dice with one, two, or three faces showing, using MetaPost*. 2016-06-24. Version 1.0. LICENSE: lpl

- URL: <https://ctan.org/pkg/threeddice>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/threeddice>
- Luecking, Daniel H. and Donald Arseneau. *The excludeonly package. Prevent files being \include-ed*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/excludeonly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/excludeonly>
- Luecking, Daniel H. and Geoffrey Tobin. *The mfpic package. Draw Metafont/post pictures from (La)TeX commands*. 2016-06-24. Version 1.10. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/mfpic>  
 MIRROR: <https://mirror.ctan.org/graphics/mfpic>
- Luengo, Pablo González. *The ltximg package. Extract L<sup>A</sup>T<sub>E</sub>X environments into separate image files*. 2021-05-22. Version 2.1. LICENSE: gpl3+. is a Perl script that automates the process of extracting and converting environments provided by , and other packages from input file to image formats and standalone files using and . It generates a file with only extracted environments and another with all extracted environments converted to .  
 URL: <https://ctan.org/pkg/ltximg>  
 MIRROR: <https://mirror.ctan.org/support/ltximg>
- *The scontents package. Stores L<sup>A</sup>T<sub>E</sub>X contents in memory or files*. 2022-04-04. Version 2.0. LICENSE: lpl1.3c. This package stores valid L<sup>A</sup>T<sub>E</sub>X code in memory (sequences) using the module of . The stored content (including verbatim) can be used as many times as desired in the document, additionally can be written to external files if desired.  
 URL: <https://ctan.org/pkg/scontents>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scontents>
- Lukas, Florian. *The rorlink package. Create ROR symbols which links to the given ROR-IDs*. 2023-06-24. Version 1.1.0. LICENSE: lpl1.3c. This package provides an easy to use command. It takes an URL of the Research Organization Registry (ROR) as argument and creates a ROR symbol which links to the given URL — very similar to the package from which it is derived. The symbol itself always fits with the choosen font size.  
 URL: <https://ctan.org/pkg/rorlink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rorlink>
- Lukasczyk, Stephan. *The inconsolata-nerd-font package. Inconsolata Nerd Font with support for X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX*. 2023-09-23. Version 0.3. LICENSE: ofl,lpl1.3c  
 URL: <https://ctan.org/pkg/inconsolata-nerd-font>  
 MIRROR: <https://mirror.ctan.org/fonts/inconsolata-nerd-font>
- *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany*. 2023-09-12. Version 3.2.0. LICENSE: lpl1.3c. The se2thesis bundle provides a document class for writing a theses with the at the , Germany. The class is based on Markus Kohm’s classes and provides several additions and customizations to these classes. While the class provides some basic settings, mostly regrading the type area, fonts, and the title page, it still provides large degrees of freedom to its users. However, the package’s documentation also provides recommendations regarding several aspects, for example, recommending for bibliographies.  
 URL: <https://ctan.org/pkg/se2thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/se2thesis>
- Lulli, Paolo. *The texpack package. Create documented L<sup>A</sup>T<sub>E</sub>X classes, packages and docs in a Unix environment*. 2016-06-24. LICENSE: gpl. Texpack is a little bundle of scripts to create documented L<sup>A</sup>T<sub>E</sub>X style, class files and docs. Texpack provides useful scripts for the automated creation of the skeleton required by documented T<sub>E</sub>X files. It is useful both for creating packages () and new classes (). Texpack also provides a command to automate the creation of commonly needed L<sup>A</sup>T<sub>E</sub>X skeleton files. This feature is mostly useful for the Italian author, but also provides the fast creation of a conditional preamble for handling / compilation.  
 URL: <https://ctan.org/pkg/texpack>  
 MIRROR: <https://mirror.ctan.org/support/texpack>
- Lundqvist, Mikael. *The mif2xfig package. Conversion between Frame Maker and Xfig*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mif2xfig>
- Łupkowski, Paweł. *The fancyslides package. Custom presentation class built upon L<sup>A</sup>T<sub>E</sub>X Beamer*. 2016-06-24. Version 1.0. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/fancyslides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyslides>
- Lupton, Robert. *The rtf2tex package. Convert RTF to T<sub>E</sub>X*. 2016-06-24. Version 1.02. LICENSE: other-free  
 URL: <https://ctan.org/pkg/rtf2tex>  
 MIRROR: <https://mirror.ctan.org/support/rtf2tex>

- Luque, Jean-Gabriel. *The pst-cox package. Drawing regular complex polytopes with PSTricks*. 2019-02-03. Version 0.98 Beta. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-cox>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>
- Luque, Manuel. *The pst-contourplot package. Draw implicit functions using the “marching squares” algorithm*. 2018-07-23. Version 0.6. LICENSE: lgpl. This package allows to draw implicit functions “ $f(x,y) = 0$ ” with options for coloring the inside of the surfaces, for marking the points and arrowing the curve at points chosen by the user. The package uses the algorithm.  
 URL: <https://ctan.org/pkg/pst-contourplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>
- Luque, Manuel, Denis Girou, and Herbert Voß. *The pst-lens package. Lenses with PSTricks*. 2018-09-15. Version 1.02. LICENSE: lgpl. This package provides a really rather simple command that will draw a lens. Command parameters provide a remarkable range of effects.  
 URL: <https://ctan.org/pkg/pst-lens>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>
- Luque, Manuel and Christophe Jorssen. *The pst-osci package. Oscillograms with PSTricks*. 2018-09-15. Version 2.82. LICENSE: lgpl. This package enables you to produce oscilloscope “screen shots”. Three channels can be used to represent the most common signals (damped or not): namely sinusoidal, rectangular, triangular, dog’s tooth (left and right oriented). The third channel allows you to add, to subtract or to multiply the two other signals. Lissajous diagrams (XY-mode) can also be obtained.  
 URL: <https://ctan.org/pkg/pst-osci>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>
- Luque, Manuel, Giuseppe Matarazzo, and Herbert Voß. *The pst-geo package. Geographical Projections*. 2021-09-01. Version 0.07. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-geo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>
- Luque, Manuel and Herbert Voß. *The pst-am package. Simulation of modulation and demodulation*. 2016-06-24. Version 1.02. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-am>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
- *The pst-calendar package. Plot calendars in “fancy” ways*. 2021-09-11. Version 0.48. LICENSE: lgpl. The package uses and to draw tabular calendars, or calendars on dodecahedra with a month to each face (the package also requires the and packages). The package works for years 2000–2099, and has options for calendars in French German and English, but the documentation is not available in English.  
 URL: <https://ctan.org/pkg/pst-calendar>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>
  - *The pst-cie package. CIE color space*. 2021-11-04. Version 1.06b. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-cie>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cie>
  - *The pst-diffraction package. Print diffraction patterns from various apertures*. 2022-04-06. Version 2.03. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-diffraction>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>
  - *The pst-fun package. Draw “funny” objects with PSTricks*. 2016-06-24. Version 0.04. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-fun>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>
  - *The pst-mirror package. Images on a spherical mirror*. 2021-09-14. Version 1.02. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-mirror>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>
  - *The pst-optic package. Drawing optics diagrams*. 2023-05-07. Version 1.02a. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/pst-optic>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>
  - *The pst-platon package. Platonic solids in PSTricks*. 2018-09-15. Version 0.01. LICENSE: lgpl. The package adds to the ability to draw 3-dimensional views of the five Platonic solids.  
 URL: <https://ctan.org/pkg/pst-platon>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>
  - *The pst-rubans package. Draw three-dimensional ribbons*. 2018-09-15. Version 1.2. LICENSE: lgpl. The package uses and to draw three dimensional ribbons on a cylinder, torus, sphere, cone or paraboloid. The width of the ribbon, the number of turns, the colour of the outer and the inner surface of the ribbon may be set. In the case of circular and conical helices, one may also choose

- the number of ribbons.  
 URL: <https://ctan.org/pkg/pst-rubans>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>
- Luque, Manuel and Herbert Voß. *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://ctan.org/pkg/pst-solarsystem>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>
- *The pst-spirograph package. Drawing hypotrochoids as with a spirograph.* 2020-04-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-spirograph>
  - *The pst-thick package. Drawing very thick lines and curves.* 2018-09-15. Version 1.0. LICENSE: lppl. The package supports drawing of very thick lines and curves in , with various fillings for the body of the lines.  
 URL: <https://ctan.org/pkg/pst-thick>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>
  - *The pst-vue3d package. Draw perspective views of three dimensional objects.* 2020-04-11. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-vue3d>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/pst-vue3d>
- Luttinen, Jaakko. *The tikz-bayesnet package. Draw Bayesian networks, graphical models and directed factor graphs.* 2016-06-24. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-bayesnet>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alterqcm>
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- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
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 URL: <https://ctan.org/pkg/tableauvariations>  
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 URL: <https://ctan.org/pkg/gcard>  
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 URL: <https://ctan.org/pkg/corelfonts>  
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- McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hpgl2ps>  
 MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>
- McDonnell, Rowland. *The cmo1ddig 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.



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 MIRROR: <https://mirror.ctan.org/fonts/cmolddig>
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 URL: <https://ctan.org/pkg/eurofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurofont>
- *The pageno package. Page number-only page styles.* 2017-05-30. LICENSE: nosell  
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URL: <https://ctan.org/pkg/uri>  
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 URL: <https://ctan.org/pkg/degrade>  
 MIRROR: <https://mirror.ctan.org/graphics/degrade>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
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 URL: <https://ctan.org/pkg/gmverse>  
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 URL: <https://ctan.org/pkg/catoptions>  
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 URL: <https://ctan.org/pkg/changelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
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 URL: <https://ctan.org/pkg/draftmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>
  - *The getfiledate package. Find the date of last modification of a file*. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfT<sub>E</sub>X); the user may specify how the date is to be presented.  
 URL: <https://ctan.org/pkg/getfiledate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getfiledate>
  - *The keyreader package. A robust interface to xkeyval*. 2016-06-24. Version 0.5b. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyreader>
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  - *The ltxtools package. A collection of L<sup>A</sup>T<sub>E</sub>X API macros*. 2016-06-24. Version 0.0.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltxtools>  
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  - *The pagerange package. Flexible and configurable page range typesetting*. 2016-06-24. Version 0.5. LICENSE: lppl. The package defines a command that typesets ranges of page numbers, expanding them (e.g., adding first or last page numbers) and standardising them.  
 URL: <https://ctan.org/pkg/pagerange>  
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  - *The pgfkeyx package. Extended and more robust version of pgfkeys*. 2016-06-24. Version 0.0.1. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>
  - *The skeycommand package. Create commands using parameters and keyval in parallel*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides tools for defining L<sup>A</sup>T<sub>E</sub>X commands and environments using combinations of parameters and keys. All the facilities of the and packages are available to the user of skeycommand.  
 URL: <https://ctan.org/pkg/skeycommand>  
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 URL: <https://ctan.org/pkg/skeyval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
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 URL: <https://ctan.org/pkg/photobook>  
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 URL: <https://ctan.org/pkg/hungarian>  
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URL: <https://ctan.org/pkg/arydashln>  
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URL: <https://ctan.org/pkg/fnpos>  
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MIRROR: <https://mirror.ctan.org/fonts/bbding>

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URL: <https://ctan.org/pkg/ps4mf-dos>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/ps4mf-dos>
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URL: <https://ctan.org/pkg/bibtool>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibtool>
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URL: <https://ctan.org/pkg/crossword>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gene/crossword>
  - *The ctan-o-mat package. Upload or validate a package for CTAN*. 2017-11-25. Version 1.2. LICENSE: bsd3  
URL: <https://ctan.org/pkg/ctan-o-mat>  
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URL: <https://ctan.org/pkg/eqname>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gene/eqname>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus>
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URL: <https://ctan.org/pkg/fundus-calligra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/calligra>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/cyr/cyr.sty>
  - *The fundus-la package. Support for the la and lla fonts in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.2. LICENSE: other-free  
URL: <https://ctan.org/pkg/fundus-la>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/la>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/outline>
  - *The fundus-pvscript package. Support for Vanroose handwriting font*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/suetterl1>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/twcal>
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 URL: <https://ctan.org/pkg/carbohydrates>  
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 URL: <https://ctan.org/pkg/chemexec>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endiagram>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enotez>
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URL: <https://ctan.org/pkg/exsheets>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exsheets>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modigram>
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  - *The xsim package. eXercise Sheets IMproved.* 2022-02-12. Version 0.21. LICENSE: lppl1.3c. This package helps in creating exercises and the corresponding solutions. It is the official successor of the package and fixes/improves various long-standing issues.  
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  - *The statistik package. Store statistics of a document.* 2016-06-24. Version 0.03. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statistik>
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URL: <https://ctan.org/pkg/colorinfo>  
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URL: <https://ctan.org/pkg/eso-pic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eso-pic>
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URL: <https://ctan.org/pkg/niceframe-type1>  
MIRROR: <https://mirror.ctan.org/fonts/niceframe>
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URL: <https://ctan.org/pkg/overpic>

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

- The *ps4pdf* package. Use PostScript commands inside a pdfL<sup>A</sup>T<sub>E</sub>X document. 2021-08-26. Version 0.6i. LICENSE: lppl

URL: <https://ctan.org/pkg/ps4pdf>

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URL: <https://ctan.org/pkg/scr1ttr2copy>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scr1ttr2copy>

- The *showexpl* package. Typesetting L<sup>A</sup>T<sub>E</sub>X source code. 2021-01-13. Version 0.3s. LICENSE: lppl1.2

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

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

- The *showframe* package. Draw a page-layout diagram. 2020-10-14. Version 0.1j. LICENSE: lppl1.3

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eso-pic/showframe.sty>

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URL: <https://ctan.org/pkg/texlive-dummy-opensuse>

MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/openSUSE>

- The *tikz-kalender* package. A L<sup>A</sup>T<sub>E</sub>X based calendar using TikZ. 2019-11-22. Version 0.4f. LICENSE: cc-by-sa-1

URL: <https://ctan.org/pkg/tikz-kalender>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-kalender>

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URL: <https://ctan.org/pkg/jpeg2ps-os2>

MIRROR: <https://mirror.ctan.org/support/jpeg2ps/os2>

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

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

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

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

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MIRROR: <https://mirror.ctan.org/support/texlive/eit1>

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

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/binarytree>

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

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

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URL: <https://ctan.org/pkg/esint-type1>

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 URL: <https://ctan.org/pkg/eqmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/eqmark>
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 URL: <https://ctan.org/pkg/tsconfig>  
 MIRROR: <https://mirror.ctan.org/systems/win32/tsconfig>
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 MIRROR: <https://mirror.ctan.org/fonts/antt>
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 URL: <https://ctan.org/pkg/accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accsupp>
- *The aliascnt package. Alias counters*. 2018-09-08. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/aliascnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
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 URL: <https://ctan.org/pkg/alphaph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphaph>
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 URL: <https://ctan.org/pkg/attachfile2>  
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 URL: <https://ctan.org/pkg/auxhook>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/bmpsize.dtx>
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URL: <https://ctan.org/pkg/bookmark>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/centernot.dtx>
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URL: <https://ctan.org/pkg/chemarr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/chemarr.dtx>
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URL: <https://ctan.org/pkg/classlist>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>
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URL: <https://ctan.org/pkg/embedfile>  
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URL: <https://ctan.org/pkg/engord>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
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URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
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URL: <https://ctan.org/pkg/epstopdf-pkg>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etexcmds>
- *The fibnum package*. Generate Fibonacci numbers. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fibnum>  
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  - *The gettitlestring package*. Clean up title references. 2019-12-21. Version 1.6. LICENSE: lppl1.3. Cleans up the title string (removing commands) for packages (such as ) that typeset such strings.  
URL: <https://ctan.org/pkg/gettitlestring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gettitlestring>
  - *The grfext package*. Manipulate the graphics package’s list of extensions. 2019-12-06. Version 1.3. LICENSE: lppl1.3. This package provides macros for adding to, and reordering the list of graphics file extensions recognised by package .  
URL: <https://ctan.org/pkg/grfext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfext>
  - *The grffile package*. Extended file name support for graphics (legacy package). 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/grffile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grffile>
  - *The hobsub package*. Construct package bundles. 2019-11-17. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hobsub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hobsub>
  - *The hologo package*. A collection of logos with bookmark support. 2021-11-17. Version 1.15. LICENSE: lppl1.3c. The package defines a single command , whose argument is the usual case-confused ASCII version of the logo. The command is bookmark-enabled, so that every logo becomes available in bookmarks without further work.  
URL: <https://ctan.org/pkg/hologo>  
MIRROR: <https://mirror.ctan.org/macros/generic/hologo>
  - *The holtxdoc package*. Documentation macros for oberdiek bundle, etc. 2019-11-15. Version 0.29. LICENSE: lppl1.3c. These are personal macros, which are not necessarily useful to other authors (they are provided as part of the source of others of the author’s packages). Macros that may be of use to other authors are available separately, in package .  
URL: <https://ctan.org/pkg/holtxdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
  - *The hopatch package*. Load patches for packages. 2023-01-07. Version 1.5. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hopatch>
  - *The hycolor package*. Implements colour for packages hyperref and bookmark. 2020-01-28. Version 1.10. LICENSE: lppl1.3. This package provides the code for the option that is used by packages and . It is not intended as package for the user.  
URL: <https://ctan.org/pkg/hycolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hycolor>
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URL: <https://ctan.org/pkg/hypbmsec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypbmsec.dtx>
  - *The hypcap package*. Adjusting the anchors of captions. 2018-01-06. Version 1.12. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hypcap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypcap.dtx>
  - *The hypdestopt package*. Hyperref destination optimizer. 2020-09-07. Version 2.7. LICENSE: lppl1.3. This package supports ’s pdfTeX driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.  
URL: <https://ctan.org/pkg/hypdestopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdestopt>
  - *The hypdoc package*. Hyper extensions for doc.sty. 2023-01-23. Version 1.18. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of . Bookmarks are added and references are linked as far as possible.  
URL: <https://ctan.org/pkg/hypdoc>  
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 URL: <https://ctan.org/pkg/hypgotoe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
- *The hyphsubst package. Substitute hyphenation patterns.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hyphsubst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
  - *The ifdraft package. Detect “draft” and “final” class options.* 2018-01-06. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifoldraft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/ifoldraft.dtx>
  - *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iflang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
  - *The infwarerr package. Complete set of information/warning/error message macros.* 2019-12-06. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/infwarerr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
  - *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does ; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package .  
 URL: <https://ctan.org/pkg/inputenx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
  - *The intcalc package. Expandable arithmetic operations with integers.* 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the e-TeX extension if it is available.  
 URL: <https://ctan.org/pkg/intcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
  - *The kvdefinekeys package. Define keys for use in the kvsetkeys package.* 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to , to define keys for use by .  
 URL: <https://ctan.org/pkg/kvdefinekeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
  - *The kvoptions package. Key value format for package options.* 2022-06-16. Version 3.15. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/kvoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>
  - *The kvsetkeys package. Key value parser with default handler support.* 2022-10-05. Version 1.19. LICENSE: lppl1.3. This package provides \kvsetkeys, a variant of package ’s . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see ’s shorthands) and only one level of curly braces are removed from the values.  
 URL: <https://ctan.org/pkg/kvsetkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
  - *The LaTeX-tds package. A structured copy of the L<sup>A</sup>T<sub>E</sub>X distribution.* 2021-03-14. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-tds>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>
  - *The letltxmacro package. Let assignment for L<sup>A</sup>T<sub>E</sub>X macros.* 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX’s assignment does not work for L<sup>A</sup>T<sub>E</sub>X macros with optional arguments or for macros that are defined as robust macros by . This package defines that also takes care of the involved internal macros.  
 URL: <https://ctan.org/pkg/letltxmacro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letltxmacro>
  - *The listingsutf8 package. Allow UTF-8 in listings input.* 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output mode).  
 URL: <https://ctan.org/pkg/listingsutf8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
  - *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use.* 2020-09-24. Version 1.25. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltxcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>
- Oberdiek, Heiko. *The luacolor package. Color support based on LuaTeX’s node attributes.* 2023-08-18. Version 1.18. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luacolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>



- *The luatex-pkg package. Basic definitions for LuaTeX.* 2019-11-15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luatex-pkg>
- *The magicnum package. Access T<sub>E</sub>X systems' "magic numbers".* 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/magicnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
- *The makerobust package. Making a macro robust (legacy package).* 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makerobust>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
- *The mkjobtexmf package. Generate a texmf tree for a particular job.* 2016-06-24. Version 0.8. LICENSE: artistic  
URL: <https://ctan.org/pkg/mkjobtexmf>  
MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
- *The mleftright package. Variants of delimiters that act as maths open/close.* 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants of `and` and `,` that make the delimiters act as `and` and `,`. These commands address spacing difficulties in subformulas.  
URL: <https://ctan.org/pkg/mleftright>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mleftright>
- *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek.* 2023-01-10. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/oberdiek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek>
- *The pagegrid package. Print page grid in background.* 2022-09-24. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pagegrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagegrid>
- *The pagesel package. Select pages of a document for output.* 2023-01-11. Version 1.10. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pagesel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagesel>
- *The pdfcol package. Macros for maintaining colour stacks under pdfTeX.* 2022-09-24. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pdfcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcol>
- *The pdfcolfoot package. Separate color stack for footnotes with pdfTeX.* 2023-01-14. Version 1.4. LICENSE: lppl1.3. Since version 1.40 supports several colour stacks. This package uses a separate colour stack for footnotes that can break across pages.  
URL: <https://ctan.org/pkg/pdfcolfoot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcolfoot>
- *The pdfcolmk package. Improved colour support under pdfTeX (legacy stub).* 2019-11-27. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pdfcolmk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcolmk>
- *The pdfcolparallel package. Fix colour problems in package 'parallel'.* 2019-12-31. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcolparallel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparallel.dtx>
- *The pdfcolparcolumns package. Fix colour problems in package 'parcolumns'.* 2019-12-31. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcolparcolumns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparcolumns.dtx>
- *The pdfcrop package. Crop PDF graphics.* 2023-04-16. Version 1.42. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pdfcrop>  
MIRROR: <https://mirror.ctan.org/support/pdfcrop>
- *The pdfcrypt package. Allows the setting of pdf encryption.* 2018-01-06. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcrypt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcrypt.dtx>
- *The pdfescape package. Implements pdfTeX's escape features using T<sub>E</sub>X or e-TeX.* 2019-12-14. Version 1.15. LICENSE: lppl1.3. This package implements T<sub>E</sub>X's escape features (`\`, `^`, `~`, `_`) using T<sub>E</sub>X or e-TeX.  
URL: <https://ctan.org/pkg/pdfescape>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>
- *The pdfscape package. Make landscape pages display as landscape.* 2022-10-29. Version 0.13. LICENSE: lppl1.3c. The package adds PDF support to the landscape environment of package `landscape`, by setting the PDF page attribute. Pages with this attribute will be displayed in landscape orientation by conforming PDF viewers.  
URL: <https://ctan.org/pkg/pdfscape>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfscape>

- Oberdiek, Heiko. *The pdfrender package. Control rendering parameters*. 2019-12-31. Version 1.6. LICENSE: lppl1.3. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.  
 URL: <https://ctan.org/pkg/pdfrender>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>
- *The pdftexcmds package. LuaTeX support for pdfTeX utility functions*. 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.  
 URL: <https://ctan.org/pkg/pdftexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>
  - *The picture package. Dimens for picture macros*. 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.  
 URL: <https://ctan.org/pkg/picture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>
  - *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts*. 2018-01-06. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkfix>  
 MIRROR: <https://mirror.ctan.org/support/pkfix>
  - *The pmboxdraw package. Poor man's box drawing characters*. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pmboxdraw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>
  - *The protecteddef package. Define protected commands*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X ‘robust’ command or an e-TeX ‘protected’ command as appropriate to its environment.  
 URL: <https://ctan.org/pkg/protecteddef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>
  - *The refcount package. Counter operations with label references*. 2019-12-21. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>
  - *The rerunfilecheck package. Checksum based rerun checks on auxiliary files*. 2022-07-10. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rerunfilecheck>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>
  - *The resizegather package. Automatically resize overly large equations*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/resizegather>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizegather.dtx>
  - *The rotchiffre package. Perform simple rotation cyphers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rotchiffre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>
  - *The scrindex package. Make index package work with Koma-script classes*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>
  - *The selinput package. Semi-automatic detection of input encoding*. 2019-12-14. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selinput>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selinput>
  - *The setouterhbox package. Set hbox in outer horizontal mode*. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then T<sub>E</sub>X performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://ctan.org/pkg/setouterhbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
  - *The settobox package. Assigning dimensions of a box to a length register*. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
 URL: <https://ctan.org/pkg/settobox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
- Oberdiek, Heiko. *The soul package. Hyphenation for letterspacing, underlining, and more*. 2023-06-14. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/soul>  
 MIRROR: <https://mirror.ctan.org/macros/generic/soul>

- *The stackrel package. Enhancement to the \stackrel command.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stackrel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>
  - *The stampinclude package. Inclusion based on .aux file date stamps.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stampinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>
  - *The stringenc package. Converting a string between different encodings.* 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.  
 URL: <https://ctan.org/pkg/stringenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringenc>
  - *The tabularht package. Tabular environments with height specified.* 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabularht>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>
  - *The tabularkv package. Tabular environments with key-value interface.* 2018-01-06. Version 1.2. LICENSE: lppl1.3. The tabularkv package creates an environment , whose arguments are specified in key-value form. The arguments chosen determine which other type of tabular is to be used (whether standard L<sup>A</sup>T<sub>E</sub>X ones, or environments from the or the package).  
 URL: <https://ctan.org/pkg/tabularkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularkv.dtx>
  - *The telprint package. Format German phone numbers.* 2018-01-06. Version 1.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/telprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/telprint.dtx>
  - *The thepdfnumber package. Print PDF numbers with minimal digits.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thepdfnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
  - *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 T<sub>E</sub>X readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/thumbpdf>  
 MIRROR: <https://mirror.ctan.org/support/thumbpdf>
  - *The transparent package. Using a color stack for transparency with pdfTeX.* 2022-10-29. Version 1.5. LICENSE: lppl1.3c. and support several color stacks. This package shows how a separate color stack can be used for transparency, a property besides color that works across page breaks. If the PDF management is used it can also be used with other engines, but without support for page breaks.  
 URL: <https://ctan.org/pkg/transparent>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/transparent>
  - *The twoopt package. Definitions with two optional arguments.* 2018-01-06. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/twoopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/twoopt.dtx>
  - *The uniquecounter package. Provides unlimited unique counter.* 2019-12-21. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uniquecounter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uniquecounter>
  - *The vpe package. Source specials for PDF output.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vpe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vpe>
  - *The zref package. A new reference scheme for L<sup>A</sup>T<sub>E</sub>X.* 2023-09-14. Version 2.35. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/zref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
- Oberdiek, Heiko, Oberdiek Package Support Group, and Sebastian Rahtz. *The nameref package. Make reference to section names, etc.* 2023-07-08. Version 2.53. LICENSE: lppl1.3. 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://ctan.org/pkg/nameref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko, Sebastian Rahtz, Oberdiek Package Support Group, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The hyperref package. Extensive support for hypertext in L<sup>A</sup>T<sub>E</sub>X.* 2023-07-08. Version 7.01b. LICENSE: lppl1.3

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

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

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

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

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

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

**MIRROR:** <https://mirror.ctan.org/info/lshort/english>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/timetab.sty>

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

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

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

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

MIRROR: <https://mirror.ctan.org/macros/psizzl>

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

MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>



- Ogawa, Arthur, Mark Doyle, Phelype Oleinik, and Frank Mittelbach. *The revtex4-1 package. Styles for various Physics Journals.* 2020-10-16. Version 4.1s. LICENSE: lppl1.3. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
 URL: <https://ctan.org/pkg/revtex4-1>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-1>
- Ohl, Thorsten. *The emp package. "Encapsulate" MetaPost figures in a document.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/emp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/emp>
- *The feynmf package. Macros and fonts for creating Feynman (and other) diagrams.* 2018-01-06. Version 1.08. LICENSE: gpl  
 URL: <https://ctan.org/pkg/feynmf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/feynmf>
  - *The mcite package. Multiple items in a single citation.* 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcite>
- Ohlhaut, 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://ctan.org/pkg/niceframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/niceframe>
- Okumura, Haruhiko and Japanese T<sub>E</sub>X Development Community. *The jsclasses package. Classes tailored for use with Japanese.* 2023-02-23. LICENSE: bsd  
 URL: <https://ctan.org/pkg/jsclasses>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/jsclasses>
- Ol, Say. *The beamertheme-phnompenh package. A simple beamer theme.* 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/beamertheme-phnompenh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/phnompenh>
- Oleinik, Phelype. *The namedef package. TeX definitions with named parameters.* 2020-06-23. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/namedef>  
 MIRROR: <https://mirror.ctan.org/macros/generic/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://ctan.org/pkg/reotex>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/reotex>
- Oliver, Marcel. *The ualclasses package. University of Arizona thesis and dissertation format.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/ualclasses>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ualclasses>
- Olko, Mariusz and Marcin Woliński. *The polski package. Typeset Polish documents with L<sup>A</sup>T<sub>E</sub>X and Polish fonts.* 2021-08-25. Version 1.3.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/polski>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polski>
- Olšák, Petr. *The a2ac package. AFM to AFM plus Composites.* 2016-06-24. Version 2. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/a2ac>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/a2ac>
- *The apnum package. Arbitrary precision numbers implemented by T<sub>E</sub>X macros.* 2018-04-22. Version 1.7. LICENSE: pd  
 URL: <https://ctan.org/pkg/apnum>  
 MIRROR: <https://mirror.ctan.org/macros/generic/apnum>
  - *The code128 package. Barcode macros for the Code 128 standard.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/code128>  
 MIRROR: <https://mirror.ctan.org/macros/generic/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://ctan.org/pkg/csfonts-t1>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>
- Olšák, Petr. *The csplain package. Plain T<sub>E</sub>X multilanguage support.* 2022-03-17. Version Mar. 2022. LICENSE: other-free  
 URL: <https://ctan.org/pkg/csplain>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csplain.tar.gz>



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URL: <https://ctan.org/pkg/ctex>  
MIRROR: <https://mirror.ctan.org/macros/ctex>
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URL: <https://ctan.org/pkg/docbytex>  
MIRROR: <https://mirror.ctan.org/macros/generic/docbytex>
- *The ean package. Macros for making EAN barcodes.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/ean>  
MIRROR: <https://mirror.ctan.org/macros/generic/ean>
- *The encTeX package. A T<sub>E</sub>X extension that translates input on its way into T<sub>E</sub>X.* 2018-01-06. LICENSE: gpl  
URL: <https://ctan.org/pkg/encTeX>  
MIRROR: <https://mirror.ctan.org/systems/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 T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X macros for managing large font collections; it has been used by Czech/Slovak users for many years. Main features include:  
URL: <https://ctan.org/pkg/ofs>  
MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
- *The olsak-misc package. Collection of plain T<sub>E</sub>X macros written by Petr Olšák.* 2022-08-04. Version Aug. 2022. LICENSE: pd  
URL: <https://ctan.org/pkg/olsak-misc>  
MIRROR: <https://mirror.ctan.org/macros/generic/olsak-misc>
- *The OpTeX package. LuaTeX format based on Plain T<sub>E</sub>X and OPmac.* 2023-05-24. Version 1.12. LICENSE: pd  
URL: <https://ctan.org/pkg/optex>  
MIRROR: <https://mirror.ctan.org/macros/optex>
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URL: <https://ctan.org/pkg/tex-nutshell>  
MIRROR: <https://mirror.ctan.org/info/tex-nutshell>
- Olšák, Petr and Zdeněk Wagner. *The cspsfonts package. Czech/Slovakian PostScript font support.* 2017-04-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/cspsfonts>  
MIRROR: <https://mirror.ctan.org/macros/ctex/base/cspsfonts.tar.gz>
- Olthof, Edgar. *The fcolumn package. Typesetting financial tables.* 2023-07-25. Version 1.4.2. 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://ctan.org/pkg/fcolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fcolumn>
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URL: <https://ctan.org/pkg/lshort-persian>  
MIRROR: <https://mirror.ctan.org/info/lshort/persian>
- Oostrum, Pieter van. *The badge package. Print badge labels.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/badge>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/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://ctan.org/pkg/bigdelim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
- *The bigstrut package. Struts for opening up tabular spacing.* 2021-03-15. Version 2.8. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bigstrut>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
- *The fancyhdr package. Extensive control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>.* 2022-11-09. Version 4.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyhdr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
- Oostrum, Pieter van. *The fancyheadings package. Legacy headings package.* 2022-11-09. Version 4.1. LICENSE: lppl1.3. This package is now a stub for .  
URL: <https://ctan.org/pkg/fancyheadings>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>

- *The lkort package. A short introduction to L<sup>A</sup>T<sub>E</sub>X, in Dutch.* 2019-06-21. LICENSE: noinfo  
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://ctan.org/pkg/multirow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
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URL: <https://ctan.org/pkg/osa>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/osa>
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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<sup>A</sup>T<sub>E</sub>X and Friends.  
URL: <https://ctan.org/pkg/xcolor-material>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcolor-material>
- Oriet, Boris. *The chextris 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://ctan.org/pkg/chextris>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chextris>
- *The chletter package. Class for typesetting letters to Swiss rules.* 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/chletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chletter>
- Orlandini, Mauro. *The shadow package. Shadow boxes.* 2018-04-18. LICENSE: lppl. Defines a command (analogous to ), and supporting mechanisms.  
URL: <https://ctan.org/pkg/shadow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/daytime>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/daytime.sty>
- Orlandini, Mauro and Max Hailperin. *The multicolpar package. Put successive paragraphs in different columns.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/multicolpar>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/multicolpar.sty>
- Orloff, Jean. *The psbox package. PostScript box macros, etc.* 2016-06-24. Version 1.34. LICENSE: noinfo  
URL: <https://ctan.org/pkg/psbox>  
MIRROR: <https://mirror.ctan.org/macros/generic/psbox>
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URL: <https://ctan.org/pkg/leftindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftindex>
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URL: <https://ctan.org/pkg/semantex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantex>
- *The SemTeX package. Deals with stripped SemanTeX documents.* 2020-10-04. Version 0.45. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/semtex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semtex>
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URL: <https://ctan.org/pkg/stricttex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/stricttex>
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URL: <https://ctan.org/pkg/songproj>  
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URL: <https://ctan.org/pkg/puyotikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/puyotikz>

- Osborne, Martin J. *The egameps package. L<sup>A</sup>T<sub>E</sub>X package for typesetting extensive games*. 2018-09-15. Version 1.1. LICENSE: lppl. The style is intended to have enough features to draw any extensive game with relative ease. The facilities of are used for graphics. (An older version of the package, which uses the L<sup>A</sup>T<sub>E</sub>X picture environment rather than PSTricks and consequently has many fewer features is available on the package home page.)  
 URL: <https://ctan.org/pkg/egameps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/latex-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
  - *The rputover package. Place text over PSTricks objects without obscuring background colors*. 2017-07-02. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rputover>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>
  - *The sgame package. L<sup>A</sup>T<sub>E</sub>X style for typesetting strategic games*. 2017-04-18. Version 2.15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/sgame>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sgame>
  - *The Swimgraf package. Graphical/textual representations of swimming performances*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/swimgraf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swimgraf>
  - *The text2bib package. A PHP script to convert references to BibTeX*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/text2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/text2bib>
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 URL: <https://ctan.org/pkg/eulerpx>  
 MIRROR: <https://mirror.ctan.org/fonts/eulerpx>
- Oudenhove, Thomas van. *The sort-by-letters package. Bibliography styles for alphabetic sorting*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/sort-by-letters>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>
- *The texloganalyser package. Analyse T<sub>E</sub>X logs*. 2020-03-26. Version 0.11. LICENSE: bsd  
 URL: <https://ctan.org/pkg/texloganalyser>  
 MIRROR: <https://mirror.ctan.org/support/texloganalyser>
- Owens, John. *The ofinist package. Install OpenType fonts for use in T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X systems*. 2018-01-06. Version 1.0.3. LICENSE: bsd. Ofinist takes a list of OpenType font files as input, uses Eddie Kohler's to install them into a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X system, and builds and installs the necessary font description and style files. Ofinist was formerly known as offtex\_install and is written in Python. It has similar capabilities to Marc Penninga's .  
 URL: <https://ctan.org/pkg/ofinist>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/ofinist>
- Pacini, Alex. *The cesenaexam package. A class file to typeset exams*. 2017-08-07. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/cesenaexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>
- Paciorek, Robert. *The ehline package. Extend the \hhline command*. 2020-04-04. Version 1.1. LICENSE: mit. This package extends the command with a token, which allows to create lines with arbitrary L<sup>A</sup>T<sub>E</sub>X commands.  
 URL: <https://ctan.org/pkg/ehline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
- *The labels4easylist package. Add reference labels to easylist items*. 2019-05-16. Version 1.0. LICENSE: mit. This package provides the macro for adding configurable reference labels to items.  
 URL: <https://ctan.org/pkg/labels4easylist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylist>
  - *The pdfarticle package. Class for pdf publications*. 2019-05-15. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfarticle>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>
- Paciorek, Robert. *The tikzpackets package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/tikzpackets>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackets>

- *The vtable package*. Vertical alignment of table cells. 2019-05-16. Version 1.0. LICENSE: mit. The package allows vertical alignment of table cell by providing:  
 URL: <https://ctan.org/pkg/vtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vtable>
- Page, Stephen. *The doublespace package*. Double space environment. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/doublespace>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>
- *The drafthead package*. Mark "DRAFT" in page headers. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drafthead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>
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 URL: <https://ctan.org/pkg/playcards>  
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 URL: <https://ctan.org/pkg/philex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
- Paić, Alan and Ivan Kokan. *The babel-croatian package*. Babel contributed support for Croatian. 2016-06-24. Version 1.3l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package*. A L<sup>A</sup>T<sub>E</sub>X-based archiver. 2022-10-04. Version 1.1. LICENSE: lppl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files when it's run through L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/arlatex>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package*. Attach arbitrary files to a PDF document. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/attachfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
- *The boxedminipage package*. Framed minipages of a specified total width (text and frame combined). 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/boxedminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>
- *The bundledoc package*. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document. 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bundledoc>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The bytefield package*. Create illustrations for network protocol specifications. 2023-09-24. Version 2.8. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/bytefield>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>
- *The comicsans package*. Use Microsoft Comic Sans font. 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comicsans>  
 MIRROR: <https://mirror.ctan.org/fonts/comicsans>
- *The cooltooltips package*. Associate a pop-up window and tooltip with PDF hyperlinks. 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.  
 URL: <https://ctan.org/pkg/cooltooltips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>
- *The covfonts package*. Make Apostrophic Laboratories's Covington fonts available to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. 2022-04-24. Version 1.0a. LICENSE: lppl. The covfonts package provides all of the font metrics, virtual fonts, font-description files, and font-mapping files needed to use Apostrophic Laboratories's freely downloadable with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/covfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/covfonts>
- Pakin, Scott. *The ctanify package*. Prepare a package for upload to CTAN. 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ctanify>  
 MIRROR: <https://mirror.ctan.org/support/ctanify>



- *The dashrule package. Draw dashed rules.* 2016-06-24. Version 1.3. LICENSE: lppl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X’s `\rule` and PostScript’s `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule’s rules are constructed internally using (as opposed to, e.g., PostScript `s`) they are fully compatible with every L<sup>A</sup>T<sub>E</sub>X back-end processor.  
URL: <https://ctan.org/pkg/dashrule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>
  - *The dtxut package. Tutorial on writing .dtx and .ins files.* 2016-06-24. Version 2.1. LICENSE: lppl1.3. This tutorial is intended for advanced L<sup>A</sup>T<sub>E</sub>X2e users who want to learn how to create and files for distributing their homebrewed classes and package files.  
URL: <https://ctan.org/pkg/dtxut>  
MIRROR: <https://mirror.ctan.org/info/dtxut>
  - *The eqparbox package. Create equal-widthed parboxes.* 2017-09-04. Version 4.1. LICENSE: lppl1.3c. L<sup>A</sup>T<sub>E</sub>X 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 `\rule`, except that instead of specifying a width, one specifies a tag. All eqparboxes with the same tag—regardless of where they are in the document—will stretch to fit the widest eqparbox with that tag. This simple, equal-width mechanism can be used for a variety of alignment purposes, as is evidenced by the examples in eqparbox’s documentation. Various derivatives of `\eqparbox` are also provided.  
URL: <https://ctan.org/pkg/eqparbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqparbox>
  - *The filecontents package. Create an external file from within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-04-02. Version 1.5a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/filecontents>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontents>
  - *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-09-12. Version 5.12. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hyperxmp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>
  - *The IEEEconf package. Macros for IEEE conference proceedings.* 2021-06-23. Version 1.4. LICENSE: lppl. The IEEEconf class implements the dictated by the IEEE Computer Society Press for conference proceedings.  
URL: <https://ctan.org/pkg/ieeeconf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEconf>
  - *The leawood package. L<sup>A</sup>T<sub>E</sub>X support for use of ITC Leawood font family.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/leawood>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
  - *The listliketab package. Typeset lists as tables.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/listliketab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
  - *The mf2pt1 package. Convert stylized Metafont to PostScript Type 1.* 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 T<sub>E</sub>Xtrace, `\fontspec`, and other programs which convert bitmaps to outline fonts.  
URL: <https://ctan.org/pkg/mf2pt1>  
MIRROR: <https://mirror.ctan.org/support/mf2pt1>
  - *The mftinc package. Pretty-print Metafont source.* 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mftinc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
  - *The newcommand package. Generate new L<sup>A</sup>T<sub>E</sub>X command definitions.* 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple `\newcommand`-style commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
URL: <https://ctan.org/pkg/newcommand>  
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- *The gradback package. Gradient backgrounds for dvips output.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gradback>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradback>
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 URL: <https://ctan.org/pkg/serial>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serial>
- Pedersen, Lucas Alexander V. *The ku-template package. Copenhagen University or faculty logo for front page.* 2017-11-28. Version 0.02. LICENSE: mit  
 URL: <https://ctan.org/pkg/ku-template>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ku-template>
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 URL: <https://ctan.org/pkg/gchords>  
 MIRROR: <https://mirror.ctan.org/graphics/gchords>
- Pégourié-Gonnard, Manuel. *The luacode package. Helper for executing lua code from within T<sub>E</sub>X.* 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within T<sub>E</sub>X with can sometimes be tricky: there is no easy way to use the percent character, counting backslashes may be hard, and Lua comments don't work the way you expect. The package provides the command and the () environments to help with these problems.  
 URL: <https://ctan.org/pkg/luacode>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>
- *The lualatex-doc package. A guide to use of L<sup>A</sup>T<sub>E</sub>X with LuaT<sub>E</sub>X.* 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/lualatex-doc>  
 MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc>
- *The pdf14 package. Restore PDF 1.4 to a T<sub>E</sub>X live 2010 format.* 2016-06-24. Version 0.1. LICENSE: lppl1.3. Starting with T<sub>E</sub>X 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 pdfT<sub>E</sub>X or LuaT<sub>E</sub>X in PDF mode), back to 1.4 for documents that need to achieve maximal compatibility with old viewers.  
 URL: <https://ctan.org/pkg/pdf14>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdf14>
- *The show2e package. Variants of \show for L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>.* 2016-06-24. Version 1.0. LICENSE: lppl. This small package aims at making debugging (especially in an interactive way) easier, by providing variants suited to L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub> commands (whether with optional arguments or robust) and environments. The variant commands also display the internal macros used by such commands, if any. The variant helps with macros with exotic names.  
 URL: <https://ctan.org/pkg/show2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/show2e>
- *The ted package. A (primitive) token list editor.* 2016-06-24. Version 1.06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ted>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ted>
- *The xargs package. Define commands with many optional arguments.* 2016-06-24. Version 1.1. LICENSE: lppl. The package provides extended versions of and related L<sup>A</sup>T<sub>E</sub>X commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.  
 URL: <https://ctan.org/pkg/xargs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xargs>
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 URL: <https://ctan.org/pkg/luatexbase>  
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- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaL<sup>A</sup>T<sub>E</sub>X (German translation).* 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
 URL: <https://ctan.org/pkg/lualatex-doc-de>  
 MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences.* 2023-03-07. Version 2.1.5. LICENSE: lppl1.3c

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>
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URL: <https://ctan.org/pkg/mucproc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mucproc>
  - *The tuda-ci package*. L<sup>A</sup>T<sub>E</sub>X templates of Technische Universität Darmstadt. 2023-07-13. Version 3.34. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tuda-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tuda-ci>
  - *The unigrazpub package*. L<sup>A</sup>T<sub>E</sub>X templates for University of Graz Library Publishing Services. 2022-10-16. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unigrazpub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unigrazpub>
  - *The urcls package*. Beamer and scr<sub>l</sub>tr2 classes and styles for the University of Regensburg. 2019-02-01. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urcls>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/urcls>
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URL: <https://ctan.org/pkg/qrbill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrbill>
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URL: <https://ctan.org/pkg/drawmatrix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmatrix>
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URL: <https://ctan.org/pkg/truetypemetrics>  
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URL: <https://ctan.org/pkg/ifacmtg>  
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MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
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URL: <https://ctan.org/pkg/ecta>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
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URL: <https://ctan.org/pkg/luaoptions>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaoptions>
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MIRROR: <https://mirror.ctan.org/support/lyluatex>
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URL: <https://ctan.org/pkg/plainyr>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/plainyr.bst>

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 URL: <https://ctan.org/pkg/verbinp>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/verbinp.sty>
- *The verbtex package. Verbatim, interpreting non-ascii text*. 2016-06-24. LICENSE: gpl. The package provides common verbatim facilities (inline text and text input from a file), and is set up to interpret other than plain ASCII text (specifically ISO 8859-1 and Microsoft code pages 437 and 850); nothing more than the font family is needed.  
 URL: <https://ctan.org/pkg/verbtex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/verbtex>
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 URL: <https://ctan.org/pkg/schedule209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/schedule.sty>
- Pfister, Wilfried. *The lifia-th package. A thesis class for LIFIA, Grenoble*. 2016-06-24. Version 2.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lifia-th>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lifia-th>
- Phan, Anthony. *The m3D package. Extension of plain MetaPost for 3D graphics*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/m3d>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/m3D>
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 URL: <https://ctan.org/pkg/mathabx>  
 MIRROR: <https://mirror.ctan.org/fonts/mathabx>
  - *The mbboard package. Comprehensive blackboard bold fonts*. 2016-06-24. Version 0.4. LICENSE: knuth  
 URL: <https://ctan.org/pkg/mbboard>  
 MIRROR: <https://mirror.ctan.org/fonts/mbboard>
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 URL: <https://ctan.org/pkg/scmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scmac202.tex>
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 URL: <https://ctan.org/pkg/beamertheme-arguelles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-arguelles>
- *The opencolor package. Definitions from the Open Color library*. 2023-03-05. Version 1.0.1. LICENSE: mit. This package provides hexadecimal color definitions of the 130 colors included in the library.  
 URL: <https://ctan.org/pkg/opencolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opencolor>
  - *The uvaletter package. Unofficial letterhead template for the University of Amsterdam*. 2023-03-30. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/uvaletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uvaletter>
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 URL: <https://ctan.org/pkg/exercise>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercise>
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 URL: <https://ctan.org/pkg/winfonts>  
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 MIRROR: <https://mirror.ctan.org/support/lgrind>

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URL: <https://ctan.org/pkg/schule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
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URL: <https://ctan.org/pkg/syntaxdi>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
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URL: <https://ctan.org/pkg/couleurs-fr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/couleurs-fr>
  - *The creationboites package. Macros to create simple tcolorbox with some customizations*. 2023-09-04. Version 0.1.0. LICENSE: lpl1.3c. This package provides provides some macros to create sampleboxes with :  
URL: <https://ctan.org/pkg/creationboites>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/creationboites>
  - *The FenetreCas package. Commands for CAS-like windows (Xcas or Geogebra) in TikZ*. 2023-06-14. Version 0.1.3. LICENSE: lpl1.3c. This package provides some commands (in French) to display, with TiZ, windows like Xcas or Geogebra :  
URL: <https://ctan.org/pkg/fenetrecas>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/fenetrecas>
  - *The highlightx package. Highlight formulas or paragraphs*. 2023-09-04. Version 0.1.2. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/highlightx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/highlightx>
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URL: <https://ctan.org/pkg/jeuxcartes>  
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  - *The logoetalab package. Insert Licence Etalab 2.0 logo*. 2023-08-20. Version 0.1.0. LICENSE: lpl1.3c,cc-by-2  
URL: <https://ctan.org/pkg/logoetalab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/logoetalab>
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URL: <https://ctan.org/pkg/outilsgeomtikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/outilsgeomtikz>
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URL: <https://ctan.org/pkg/panneauxroute>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/panneauxroute>
  - *The PapierGurvan package. Commands to work with Gurvan Paper*. 2023-09-23. Version 0.1.0. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/papiergurkan>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/papiergurkan>
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URL: <https://ctan.org/pkg/pixelarttikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelarttikz>
  - Pierquet, Cédric. *The postit package. A L<sup>A</sup>T<sub>E</sub>X package for displaying Post-it notes*. 2023-06-17. Version 0.1.3. LICENSE: lpl1.3c. This package provides some commands and options for creating Post-it-like boxes with :  
URL: <https://ctan.org/pkg/postit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postit>
  - *The ProfLycee package. A L<sup>A</sup>T<sub>E</sub>X package for French maths teachers in high school*. 2023-09-29. Version 2.7.7. LICENSE: lpl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>



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URL: <https://ctan.org/pkg/profsio>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/profsio>
  - *The quizztex package. Create quizzes like in TV shows.* 2023-06-17. Version 0.1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/quizztex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quizztex>
  - *The ResolSysteme package. Work on linear systems using xint or pyluatex.* 2023-02-26. Version 0.1.5. LICENSE: lppl1.3c. This package provides some commands (in French) to perform calculations on small (2x2 or 3x3 or 4x4) linear systems, with or :  
URL: <https://ctan.org/pkg/resolsysteme>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resolsysteme>
  - *The Scrabble package. Commands for Scrabble boards.* 2023-01-10. Version 0.1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrabble>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scrabble>
  - *The SympyCalc package. Work with SymPy and PyLuaTeX.* 2023-05-11. Version 0.1.1. LICENSE: lppl1.3c. This package provides some commands (mostly for French users) to perform commands and format the result with some adjustments in formatting:  
URL: <https://ctan.org/pkg/sympycalc>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/sympycalc>
  - *The TangramTikZ package. Tangram puzzles, with TikZ.* 2023-02-26. Version 0.1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tangramtikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tangramtikz>
  - *The tikz2d-fr package. Work with some 2D TikZ commands (French).* 2023-06-17. Version 0.1.1. LICENSE: lppl1.3c. This is a small package to work with some () 2D commands for TiZ:  
URL: <https://ctan.org/pkg/tikz2d-fr>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz2d-fr>
  - *The tikz3d-fr package. Work with some 3D figures.* 2023-07-22. Version 0.1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikz3d-fr>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz3d-fr>
  - *The tkz-bernoulli package. Draw Bernoulli trees with TikZ.* 2023-09-11. Version 0.1.0. LICENSE: lppl1.3c  
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  - *The wordle package. Create wordle grids.* 2023-09-04. Version 0.1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/wordle>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/wordle>
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URL: <https://ctan.org/pkg/writeongrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/writeongrid>
- Pieters, Olivier. *The dynamicnumber package. Dynamically typeset numbers and values in L<sup>A</sup>T<sub>E</sub>X through “symbolic links”.* 2017-04-18. Version 0.1.3. LICENSE: mit  
URL: <https://ctan.org/pkg/dynamicnumber>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
- *The limecv package. A (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class for curriculum vitæ.* 2021-12-01. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class to write curriculum vitæ. It is designed with the following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.  
URL: <https://ctan.org/pkg/limecv>  
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URL: <https://ctan.org/pkg/anonchap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonchap>
  - *The appendix package*. Extra control of appendices. 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.  
URL: <https://ctan.org/pkg/appendix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/appendix>
  - *The bez123 package*. Support for Bezier curves. 2016-06-24. Version 1.1b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bez123>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bez123>
  - *The booklet package*. Aids for printing simple booklets. 2016-06-24. Version 0.7b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/booklet>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/booklet>
- Robertson, Will and Peter R. Wilson. *The ccaption package*. Continuation headings and legends for floats. 2016-06-24. Version 3.2c. LICENSE: lppl1.3



- URL: <https://ctan.org/pkg/ccaption>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccaption>
- *The changepage package*. Margin adjustment and detection of odd/even pages. 2016-06-24. Version 1.0c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/changepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/chngcntr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/chngpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changepage>
  - *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 combinet package puts the titles and authors from commands into the main document’s Table of Contents. The package cooperates with the and packages.  
URL: <https://ctan.org/pkg/combine>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combine>
  - *The docmfp package*. Document non- $\text{\LaTeX}$  code. 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non- $\text{\LaTeX}$  code, such as Metafont or MetaPost, or other programming languages.  
URL: <https://ctan.org/pkg/docmfp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docmfp>
  - *The epigraph package*. A package for typesetting epigraphs. 2020-04-23. Version 1.5e. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/epigraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epigraph>
  - *The fonttable package*. Print font tables from a  $\text{\LaTeX}$  document. 2017-07-14. Version 1.6c. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fonttable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fonttable>
  - *The hanging package*. Hanging paragraphs. 2016-06-24. Version 1.2b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hanging>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hanging>
  - *The hyphenat package*. Disable/enable hyphenation. 2016-06-24. Version 2.3c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hyphenat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>
  - *The ifmtarg package*. If-then-else command for processing potentially empty arguments. 2018-04-16. Version 1.2b. LICENSE: lppl  
URL: <https://ctan.org/pkg/ifmtarg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>
  - *The layouts package*. Display various elements of a document’s layout. 2016-06-24. Version 2.6d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/layouts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layouts>
  - *The makecmds package*. The new `\makecommand` command always (re)defines a command. 2016-06-24. LICENSE: lppl. The package provides a command, which is like except it always (re)defines a command. There is also and for environments.  
URL: <https://ctan.org/pkg/makecmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
  - *The midpage package*. Environment for vertical centring. 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by .  
URL: <https://ctan.org/pkg/midpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
  - *The needspace package*. Insert pagebreak if not enough space. 2016-06-24. Version 1.3d. LICENSE: lppl  
URL: <https://ctan.org/pkg/needspace>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
- Robertson, Will and Peter R. Wilson. *The newfile package*. User level management of  $\text{\LaTeX}$  input and output. 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by  $\text{\TeX}$ . The so provided are mapped to various of the  $\text{\LaTeX}$  input and output mechanisms. Some facilities of the package are also mapped.

- URL: <https://ctan.org/pkg/newfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>
- *The nextpage package. Generalisations of the page advance commands.* 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.  
URL: <https://ctan.org/pkg/nextpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
  - *The pagenote package. Notes at end of document.* 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.  
URL: <https://ctan.org/pkg/pagenote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
  - *The romannum package. Generate roman numerals instead of arabic digits.* 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes L<sup>A</sup>T<sub>E</sub>X generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
URL: <https://ctan.org/pkg/romannum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>
  - *The stdclsdv package. Provide sectioning information for package writers.* 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/stdclsdv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/titling>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titling>
  - *The tocbibind package. Add bibliography/index/contents to Table of Contents.* 2016-06-24. Version 1.5k. LICENSE: lppl  
URL: <https://ctan.org/pkg/tocbibind>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocbibind>
  - *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://ctan.org/pkg/tocloft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocloft>
  - *The tocvsec2 package. Section numbering and table of contents control.* 2016-06-24. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tocvsec2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
  - *The verse package. Aids for typesetting simple verse.* 2016-06-24. Version 2.4b. LICENSE: lppl  
URL: <https://ctan.org/pkg/verse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verse>
  - *The vertbars package. Mark vertical rules in margin of text.* 2018-12-16. Version 1.0c. LICENSE: lppl1.3c. This package is an extension to , replacing that package’s line numbers with bars to the left or right of the text.  
URL: <https://ctan.org/pkg/vertbars>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vertbars>
  - *The xtab package. Break tables across pages.* 2016-06-24. Version 2.3f. LICENSE: lppl. Xtab is an extended and somewhat improved version of ; its environment provides tables that break across pages.  
URL: <https://ctan.org/pkg/xtab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtab>
- Robertson, Will, Peter R. Wilson, and Harald Harders. *The printlen package. Print lengths using specified units.* 2019-03-12. Version 1.1a. LICENSE: lppl. prints the value of a L<sup>A</sup>T<sub>E</sub>X length in the units specified by (‘unit’ may be any T<sub>E</sub>X length unit except for scaled point, viz., any of: , , , , , or ). When the unit is , the printed length value will include any stretch or shrink; otherwise these are not printed. The ‘unit’ argument may also be , in which case length values will be printed in point units but without any stretch or shrink values.  
URL: <https://ctan.org/pkg/printlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/printlen>

- Robson, Adrian P. *The backnaur package. Typeset Backus Naur Form definitions*. 2020-01-11. Version 3.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/backnaur>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/backnaur>
- *The flowchart package. Shapes for drawing flowcharts, using TikZ*. 2016-06-24. Version 3.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flowchart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
  - *The makeshape package. Declare new PGF shapes*. 2016-06-24. Version 2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/makeshape>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/makeshape>
- Rochester, Wayne A. *The warpcol package. Relative alignment of rows in numeric columns in tabulars*. 2016-06-24. Version 1.0c. LICENSE: lppl. Defines a tabular column type for formatting numerical columns in L<sup>A</sup>T<sub>E</sub>X. The column type enables numerical items to be right justified relative to each other, while centred beneath the column label. In addition, macros are provided to enable variations on this column type to be defined. Usage of the package is superficially similar to that of ; however, the alignment scheme is different, and the packages have different, though overlapping, applications.  
 URL: <https://ctan.org/pkg/warpcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warpcol>
- Rochford, Peter A. *The navydocs package. Support for Technical Reports by US Navy Organizations*. 2016-07-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/navydocs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
- Roderick, David. *The binomexp package. Calculate Pascal's triangle*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/binomexp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/binomexp>
- Rødland, Einar Andreas. *The TeXcount package. Count words in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-10-28. Version 3.1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texcount>  
 MIRROR: <https://mirror.ctan.org/support/texcount>
- Rodrigues, Vinícius Barros. *The ecothesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ecothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidian geometry with PSTricks*. 2023-04-19. Version 1.77. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using T<sub>E</sub>X macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.  
 URL: <https://ctan.org/pkg/pst-eucl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/emerald>  
 MIRROR: <https://mirror.ctan.org/fonts/emerald>
- Roegel, Denis B. *The aeguill package. Add several kinds of guillemets to the ae fonts*. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.  
 URL: <https://ctan.org/pkg/aeguill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues' Easter nomogram*. 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/garrigues>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>
  - *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genealogy>  
 MIRROR: <https://mirror.ctan.org/fonts/genealogy>
  - *The metaobj package. MetaPost package providing high-level objects*. 2016-06-24. Version 0.93. LICENSE: lppl  
 URL: <https://ctan.org/pkg/metaobj>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metaobj>
- Roegel, Denis B. *The pi package. Calculate pi*. 2019-10-01. Version 0.993. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pi>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/pi.tex>

- *The suanpan package. MetaPost macros for drawing Chinese and Japanese abaci.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/suanpan>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/suanpan>
- *The threed package. 3D animations.* 2016-06-24. Version 1.34. LICENSE: lppl. Create animations of 3-dimensional objects (such as polyhedra) in .  
URL: <https://ctan.org/pkg/mp3d>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mp3d>
- *The truchet package. Truchet tiling in MetaPost.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/truchet>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/truchet>
- Roegel, Denis B. and Andrej Brodnik. *The ipa package. L<sup>A</sup>T<sub>E</sub>X macros for using WSUIPA fonts.* 2019-06-21. Version 1.0. LICENSE: noinfo. The package comprises alternative L<sup>A</sup>T<sub>E</sub>X support of the fonts. On CTAN (and in the T<sub>E</sub>X Live distribution), these macros are to be found with the fonts themselves.  
URL: <https://ctan.org/pkg/ipa>  
MIRROR: <https://mirror.ctan.org/fonts/wsuiipa>
- Rogalla, Michael. *The REdit package. Menu-based editor.* 2016-06-24. Version 2.10. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/redit>  
MIRROR: <https://mirror.ctan.org/support/redit>
- Rogard, Erwann. *The ccool package. A key-value document command parser.* 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 useful for typesetting documents sharing the same notation.  
URL: <https://ctan.org/pkg/ccool>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccool>
- *The clistmap package. Map and iterate over L<sup>A</sup>T<sub>E</sub>X3 clists.* 2022-02-08. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/clistmap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clistmap>
- *The erw-13 package. Utilities based on L<sup>A</sup>T<sub>E</sub>X3.* 2022-01-29. Version 4.2. LICENSE: lppl1.3c. Utilities based on L<sup>A</sup>T<sub>E</sub>X3. Highlight: .  
URL: <https://ctan.org/pkg/erw-13>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/erw-13>
- *The keyparse package. Key based parser.* 2021-08-20. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/keyparse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyparse>
- *The lambdax package. Use Lambda expression within L<sup>A</sup>T<sub>E</sub>X.* 2021-08-20. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/lambdax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lambdax>
- *The oops package. A framework for making definitions, typically mathematical, inline.* 2020-04-16. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/oops>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/oops>
- Rogers, Alan. *The apabst package. Early APA BibT<sub>E</sub>X 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://ctan.org/pkg/apabst>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/apa.bst>
- *The bbs package. Bibliography style for Behavioral and Brain Sciences.* 2016-06-24. Version 1.1. LICENSE: nocommercial. The style is derived from in the , adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.  
URL: <https://ctan.org/pkg/bbs>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/bbs.bst>
- *The cbe package. Bibliography style for Council of Biology Editors format.* 2016-06-24. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cbe>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/cbe.bst>
- Rogers, Alan. *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<sup>A</sup>T<sub>E</sub>X package that comes with astron.

- URL: <https://ctan.org/pkg/humanbio>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/humanbio.bst>
- *The humannat package*. Bibliography style for "Human Nature" and "American Anthropologist". 2016-06-24. Version 1.03. LICENSE: nocommercial. A style derived from in the distribution, adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.  
URL: <https://ctan.org/pkg/humannat>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/humannat.bst>
  - *The jtb package*. BibTeX style for Journal of Theoretical Biology. 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/jtb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jtb.bst>
  - *The PNAS 2009 package*. BibTeX style for PNAS (newer version). 2016-06-24. Version 1.0. LICENSE: other-free. This style produces bibliographies in the format of "Proceedings of the National Academy of Sciences, USA". The style was derived from the standard and adapted to the new (2009) formatting rules.  
URL: <https://ctan.org/pkg/pnas2009>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/pnas2009.bst>
  - *The PNAS package*. BibTeX style for PNAS (old version). 2016-06-24. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/pnas>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/pnas.bst>
- Rohner, M. *The fig2sty package*. Use fig as layout designer for L<sup>A</sup>T<sub>E</sub>X. 2023-08-23. Version 0.1. LICENSE: other-free  
URL: <https://ctan.org/pkg/fig2sty>
- Rokicki, Tom and Nelson H. F. Beebe. *The epsf package*. Simple macros for EPS inclusion. 2016-06-24. Version 2.7.4. LICENSE: pd  
URL: <https://ctan.org/pkg/epsf>  
MIRROR: <https://mirror.ctan.org/macros/generic/epsf>
- Rokicki, Tom and Karl Berry. *The dvipsk package*. Convert DVI to PostScript. 2021-08-26. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvipsk>
- Rokicki, Tom and The T<sub>E</sub>X Live Team. *The dvips package*. A DVI to PostScript driver. 2021-08-26. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvips>
- *The pkware package*. Utility programs for use with PK bitmap fonts. 2020-04-26. LICENSE: pd  
URL: <https://ctan.org/pkg/pkware>  
MIRROR: <https://mirror.ctan.org/systems/stanford/pkware>
- Rokicki, Tom, Esteban Zimanyi, and The T<sub>E</sub>X Live Team. *The dvidvi package*. Convert one DVI file into another. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvidvi>  
MIRROR: <https://mirror.ctan.org/dviware/dvidvi>
- Rolland, Christian. *The babel-breton package*. Babel contributed support for Breton. 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-breton>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/breton>
- Romanenko, Alex. *The visualtex package*. A T<sub>E</sub>X-oriented visual editor for Windows platforms. 2017-04-18. Version 3.99. LICENSE: gpl  
URL: <https://ctan.org/pkg/visualtex>  
MIRROR: <https://mirror.ctan.org/systems/win32/visualtex>
- Romer, Linus. *The bezierplot package*. Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost. 2019-06-18. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bezierplot>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/bezierplot>
- *The fetamont package*. Extended version of Knuth's logo typeface. 2017-04-15. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fetamont>  
MIRROR: <https://mirror.ctan.org/fonts/fetamont>
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URL: <https://ctan.org/pkg/nccthm>

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 URL: <https://ctan.org/pkg/aichej>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aichej.bst>
- 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://ctan.org/pkg/loval>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loval>



- *The oval package*. Round-cornered framed boxes. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/oval>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/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://ctan.org/pkg/window>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/window>
- Schandl, Bernd. *The paralist package*. Enumerate and itemize within paragraphs. 2017-01-22. Version 2.7. LICENSE: lppl  
URL: <https://ctan.org/pkg/paralist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paralist>
- Scharrer, Martin. *The adjustbox package*. Graphics package-alike macros for “general” boxes. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/adjustbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
- *The collcell package*. Collect contents of a tabular cell as argument to a macro. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.  
URL: <https://ctan.org/pkg/collcell>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
- *The collectbox package*. Collect and process macro arguments as boxes. 2022-10-26. Version 0.4c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/collectbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
- *The ctanupload package*. Support for users uploading to CTAN. 2016-06-24. Version 1.2c. LICENSE: gpl3  
URL: <https://ctan.org/pkg/ctanupload>  
MIRROR: <https://mirror.ctan.org/support/ctanupload>
- *The currfile package*. Provide file name and path of input files. 2022-10-10. Version 0.8. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/currfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/currfile>
- *The easyfig package*. Simplifying the use of common figures. 2022-10-26. Version 1.2a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/easyfig>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
- *The filehook package*. Hooks for input files. 2022-10-26. Version 0.8b. LICENSE: lppl1.3c. The package provides several file hooks ( , ... ) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .  
URL: <https://ctan.org/pkg/filehook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filehook>
- *The filemod package*. Provide file modification times, and compare them. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides macros to read and compare the modification dates of files. The files may be files, images or other files (as long as they can be found by L<sup>A</sup>T<sub>E</sub>X). It uses the primitive of pdfL<sup>A</sup>T<sub>E</sub>X to find the file modification date as PDF date string, parses the string and returns the value to the user. The package will also work for output with recent versions of the L<sup>A</sup>T<sub>E</sub>X compiler which uses pdfL<sup>A</sup>T<sub>E</sub>X in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.  
URL: <https://ctan.org/pkg/filemod>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filemod>
- *The ginc1tex package*. Include T<sub>E</sub>X files as graphics (.tex support for \includegraphics). 2022-10-26. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ginc1tex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>
- *The gobble package*. More gobble macros for PlainT<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gobble>  
MIRROR: <https://mirror.ctan.org/macros/generic/gobble>
- Scharrer, Martin. *The ifoddpage package*. Determine if the current page is odd or even. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.  
URL: <https://ctan.org/pkg/ifoddpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifoddpage>

- *The lstaddons package*. Add-on packages for listings: autogobble and line background. 2022-10-26. Version 0.1. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:  
URL: <https://ctan.org/pkg/lstaddons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstaddons>
  - *The macros2e package*. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros. 2022-10-26. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the L<sup>A</sup>T<sub>E</sub>X2e base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.  
URL: <https://ctan.org/pkg/macros2e>  
MIRROR: <https://mirror.ctan.org/info/macros2e>
  - *The multienv package*. Multiple environments using a “key=value” syntax. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.  
URL: <https://ctan.org/pkg/multienv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multienv>
  - *The mwe package*. Packages and image files for MWEs. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)TeX document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.  
URL: <https://ctan.org/pkg/mwe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwe>
  - *The newverbs package*. Define new versions of \verb, including short verb versions. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/newverbs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newverbs>
  - *The rcs-multi package*. Typeset RCS version control in multiple-file documents. 2022-10-26. Version 0.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/rcs-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>
  - *The realboxes package*. Variants of common box-commands that read their content as real box and not as macro argument. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realboxes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/realboxes>
  - *The standalone package*. Compile T<sub>E</sub>X pictures stand-alone or as part of a document. 2022-10-11. Version 1.3b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
  - *The storebox package*. Storing information for reuse. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
  - *The sty2dtx package*. Create a .dtx file from a .sty file. 2022-10-26. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>
  - *The svn-multi package*. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents. 2022-10-26. Version 2.4d. LICENSE: lppl  
URL: <https://ctan.org/pkg/svn-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>
  - *The svn-prov package*. Subversion variants of \Provides... macros. 2022-10-26. Version 3.1862. LICENSE: lppl. The package introduces Subversion variants of the standard L<sup>A</sup>T<sub>E</sub>X macros , and where the file name and date is extracted from Subversion Id keywords. The file name may also be given explicitly as an optional argument.  
URL: <https://ctan.org/pkg/svn-prov>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-prov>
- Scharrer, Martin. *The texdef package*. Display the definitions of T<sub>E</sub>X commands. 2022-10-26. Version 1.9. LICENSE: gpl3  
URL: <https://ctan.org/pkg/texdef>  
MIRROR: <https://mirror.ctan.org/support/texdef>
- *The tikz-timing package*. Easy generation of timing diagrams as TikZ pictures. 2022-10-26. Version 0.7f. LICENSE: lppl. This package provides macros and an environment to generate timing diagrams (digital waveforms) without much effort. The package is used to produce the graphics. The diagrams may be inserted into text (paragraphs, , etc.) and into tikzpictures. A tabular-like environment is provided to produce larger timing diagrams.

- URL: <https://ctan.org/pkg/tikz-timing>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>
- *The tikzpagenodes package*. A single TikZ node for the whole page. 2022-10-26. Version 1.1. LICENSE: lppl. The package provides special PGF/TikZ nodes for the text, marginpar, footer and header area of the current page. They are inspired by the ‘current page’ node defined by itself.  
 URL: <https://ctan.org/pkg/tikzpagenodes>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>
  - *The ydoc package*. Macros for documentation of L<sup>A</sup>T<sub>E</sub>X classes and packages. 2022-11-01. Version 0.7alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ydoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ydoc>
- Schaum, Charles P. *The nameauth package*. Name authority mechanism for consistency in body text and index. 2023-02-04. Version 3.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
- *The schemata package*. Print topical diagrams. 2021-02-27. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/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://ctan.org/pkg/tikz-trackschematic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-trackschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package*. Footnote numbering per page. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pagefoots>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package*. A free T<sub>E</sub>X distribution for MS-Windows. 2022-08-04. Version 22.7. LICENSE: other-free  
 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package*. A version of MikTeX to carry around. 2023-09-23. Version 23.9. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
 URL: <https://ctan.org/pkg/miktex-portable>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-23.9-x64.exe>
- Schenk, Stephan. *The chembst package*. A collection of BibTeX files for chemistry journals. 2016-06-24. Version 0.2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chembst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package*. Simple consecutive numbering of chemical compounds. 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.  
 URL: <https://ctan.org/pkg/chemcompounds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcompounds>
- Scherer, Andreas. *The amiweb2c package*. An Amiga port of web2C. 2020-10-29. Version 2.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/amiweb2c>  
 MIRROR: <https://mirror.ctan.org/systems/amiga/amiweb2c>
- *The cwebbin package*. CWEB for ANSI-C/C++ compilers. 2022-01-26. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cwebbin>
- *The knuth-hint package*. HINT collection of typeset C/WEB sources in T<sub>E</sub>X Live. 2023-06-16. Version 2.1. LICENSE: pd,knuth  
 URL: <https://ctan.org/pkg/knuth-hint>  
 MIRROR: <https://mirror.ctan.org/info/knuth-hint>
- Scherer, Andreas. *The knuth-pdf package*. PDF collection of typeset C/WEB sources in T<sub>E</sub>X Live. 2023-06-11. Version 2.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/knuth-pdf>  
 MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
- *The pwebmac package*. Consolidated WEB macros for DVI and PDF output. 2023-10-01. Version 4.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/pwebmac>  
 MIRROR: <https://mirror.ctan.org/web/pwebmac>

- Schinke, Carsten. *The gbrief-creator package. A front end for the gbrief package.* 2016-06-24. Version 1.000 beta. LICENSE: nosource.  
A small Windows front end, that creates files for use with the German letter macros.  
URL: <https://ctan.org/pkg/gbrief-creator>  
MIRROR: <https://mirror.ctan.org/support/gbrief-creator>
- Schinko, Yannick. *The lexend package. The Lexend fonts for Xe<sub>La</sub>TeX and Lua<sub>La</sub>TeX through fontspec.* 2021-01-30. Version 1.1.0.70.  
LICENSE: lppl1.3c,ofl  
URL: <https://ctan.org/pkg/lexend>  
MIRROR: <https://mirror.ctan.org/fonts/lexend>
- Schlechte, Wolfgang Andreas. *The newthm package. Obsolete version of ntheorem.* 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/newthm>
- Schleicher, Ralph and Norbert Schwarz. *The dos-dc package. A distribution of the DC fonts for emTeX.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/dos-dc>  
MIRROR: <https://mirror.ctan.org/systems/msdos/dos-dc>
- Schlemmer, Tobias. *The tsemlines package. Support for the ancient \emline macro.* 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/tsemlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsemlines>
- Schlicht, Robert. *The euroitc package. L<sub>A</sub>TeX interface for the ITC euro font symbols.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/euroitc>  
MIRROR: <https://mirror.ctan.org/fonts/euroitc>
- *The microtype package. Subliminal refinements towards typographical perfection.* 2023-03-13. Version 3.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/microtype>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/microtype>
- Schlömer, Nico. *The auto1 package. L<sub>A</sub>TeX support for Underware Auto 1 fonts.* 2018-01-06. Version 0.2. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/auto1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
- *The tex-font-errors-cheatsheet package. Cheat sheet outlining the most common T<sub>E</sub>X font errors.* 2019-02-13. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>  
MIRROR: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
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URL: <https://ctan.org/pkg/mversion>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mversion>
- Schmid, Hanspeter. *The hpsdiss package. A dissertation class.* 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/hpsdiss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
- *The sfg package. Draw signal flow graphs.* 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).  
URL: <https://ctan.org/pkg/sfg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfg>
- Schmidt, Jan. *The tikz-palattice package. Draw particle accelerator lattices with TikZ.* 2017-03-09. Version 2.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-palattice>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
- Schmidt, Walter A. *The epmtfe package. TeX environment for OS/2.* 2016-06-24. Version 5.4. LICENSE: other-free. The EPM T<sub>E</sub>X Front End is an additional module for the OS/2 ‘Enhanced Editor’ (EPM), v6.03, turning the editor into a powerful integrated T<sub>E</sub>X environment that can be used in conjunction with , or another OS/2 T<sub>E</sub>X system.  
URL: <https://ctan.org/pkg/epmtfe>  
MIRROR: <https://mirror.ctan.org/systems/os2/epmtfe>
- Schmidt, Walter A. *The icomma package. Intelligent commas for decimal numbers.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/icomma>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- *The mathpple package. Use PostScript Palatino for typesetting maths.* 2016-06-24. Version 1.1. LICENSE: lppl  
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<sub>A</sub>TeX2<sub>ε</sub>: L<sub>A</sub>TeX2<sub>ε</sub>-Kurzbeschreibung.* 2020-06-17. Version 3.0c. LICENSE: opl



- URL: <https://ctan.org/pkg/lshort-german>  
MIRROR: <https://mirror.ctan.org/info/lshort/german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting*. 2021-12-28. LICENSE: lppl  
URL: <https://ctan.org/pkg/augie>  
MIRROR: <https://mirror.ctan.org/fonts/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L<sup>A</sup>T<sub>E</sub>X*. 2022-01-26. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X font definition files for the Concrete fonts and a L<sup>A</sup>T<sub>E</sub>X package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth's ).  
URL: <https://ctan.org/pkg/ccfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
  - *The cmbright package. Computer Modern Bright fonts*. 2023-07-10. Version 8.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/cmbright>  
MIRROR: <https://mirror.ctan.org/fonts/cmbright>
  - *The cmsd package. Interfaces to the CM Sans Serif Bold fonts*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/cmsd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmsd>
  - *The DayRoman package. The Day Roman typeface*. 2021-12-07. LICENSE: other-free  
URL: <https://ctan.org/pkg/dayroman>  
MIRROR: <https://mirror.ctan.org/fonts/DayRoman>
  - *The dictsym package. DictSym font and macro package*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/dictsym>  
MIRROR: <https://mirror.ctan.org/fonts/dictsym>
  - *The ecc package. Sources for the European Concrete fonts*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/ecc>  
MIRROR: <https://mirror.ctan.org/fonts/ecc>
  - *The eulervm package. Euler virtual math fonts*. 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 T<sub>E</sub>X resources are consumed, the quality of various math symbols is improved and a usable symbol can be provided. The virtual fonts are accompanied by a L<sup>A</sup>T<sub>E</sub>X package which makes them easy to use, particularly in conjunction with Type1 PostScript text fonts. They are compatible with . A package option allows the fonts to be loaded at 95% of their nominal size, thus blending better with certain text fonts, e.g., Minion.  
URL: <https://ctan.org/pkg/eulervm>  
MIRROR: <https://mirror.ctan.org/fonts/eulervm>
  - *The eurosans package. Interface to Adobe's sans-serif Euro font*. 2021-12-07. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/eurosans>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurosans>
  - *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992*. 2022-10-16. Version 0.9.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fixmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>
  - *The gensymb package. Generic symbols for both text and math mode*. 2022-10-17. Version 1.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gensymb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gensymb>
  - *The hvmath package. Support for using the Micropress HV-Math fonts (Helvetica Maths)*. 2021-12-07. Version 1.5. LICENSE: lppl. Typeset math in a style that suits the Adobe Helvetica text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
URL: <https://ctan.org/pkg/hvmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
- Schmidt, Walter A. and Keiran Harcombe. *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/lucida>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>
- *The psnfss-source package. Sources of the metrics used in PSNFSS*. 2021-12-07. Version 9.2. LICENSE: lppl. The package comprises the makefiles, fontinst scripts and AFM files used to build the .  
URL: <https://ctan.org/pkg/psnfss-source>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>



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URL: <https://ctan.org/pkg/tmmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>
  - *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
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MIRROR: <https://mirror.ctan.org/fonts/urw/garamond>
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URL: <https://ctan.org/pkg/luximono>  
MIRROR: <https://mirror.ctan.org/fonts/LuxiMono>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx>
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URL: <https://ctan.org/pkg/psnfss>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
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MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leaflet>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yfonts>
- Schmidt, Walter A. and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fix-cm package. Permit Computer Modern fonts at arbitrary sizes.* 2023-06-09. Version 1.1t. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fix-cm>  
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URL: <https://ctan.org/pkg/helvet>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
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MIRROR: <https://mirror.ctan.org/fonts/astro>
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URL: <https://ctan.org/pkg/backgrnd>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>
  - *The shade package. Shade pieces of text*. 2018-01-06. Version 1. LICENSE: lpl1  
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MIRROR: <https://mirror.ctan.org/info/virtualfontshowto>
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MIRROR: <https://mirror.ctan.org/obsolete/fonts/gentium>
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- URL: <https://ctan.org/pkg/combinedgraphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
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URL: <https://ctan.org/pkg/fullminipage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>
  - *The ionumbers package. Restyle numbers in maths mode*. 2018-01-06. Version 0.3.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/ionumbers>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>
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- URL: <https://ctan.org/pkg/semesterplanner>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/semesterplanner>
- Schneider, Robin. *The calcage package. Calculate the age of something, in years*. 2017-04-18. Version 0.90. LICENSE: lpl1.3. 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://ctan.org/pkg/calcage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calcage>
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- URL: <https://ctan.org/pkg/counttexruns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>

- *The doclicense package*. Support for putting documents under a license. 2023-10-01. Version 3.3.0. LICENSE: cc0,lppl1.3c  
URL: <https://ctan.org/pkg/doclicense>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doclicense>
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URL: <https://ctan.org/pkg/fnumprint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnumprint>
- *The latex-git-log package*. Typeset git log information. 2020-02-27. Version 1.0.0. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/latex-git-log>  
MIRROR: <https://mirror.ctan.org/support/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://ctan.org/pkg/romanbarpagenumber>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbarpagenumber>
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URL: <https://ctan.org/pkg/dotarrow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cell>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>
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URL: <https://ctan.org/pkg/fchart>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fchart>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underlin>
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URL: <https://ctan.org/pkg/verbatim>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bible>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/kalender.tex>
- Schrell, Andreas. *The pictexwd package*. A patched version of PicT<sub>E</sub>X using fewer registers. 2016-06-24. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/pictexwd>
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>
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URL: <https://ctan.org/pkg/yinit-as>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/gothic/yinit-as>
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MIRROR: <https://mirror.ctan.org/macros/generic/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://ctan.org/pkg/biblist>  
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  - *The chbar package*. Change bar marks in Plain T<sub>E</sub>X. 2016-06-24. LICENSE: gpl. This package creates change bars without the use of \special commands (unlike the L<sup>A</sup>T<sub>E</sub>X package ).  
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URL: <https://ctan.org/pkg/cweb-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb>
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URL: <https://ctan.org/pkg/example>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/example.sty>
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URL: <https://ctan.org/pkg/footnpag>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnpag>
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URL: <https://ctan.org/pkg/genfam>  
MIRROR: <https://mirror.ctan.org/support/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://ctan.org/pkg/idverb>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
  - *The js-misc package*. Miscellaneous macros from Joachim Schrod. 2016-07-17. LICENSE: pd  
URL: <https://ctan.org/pkg/js-misc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
  - *The literate package*. A literate programming system, not tied to any language. 2016-06-24. LICENSE: pd. The system consists of two parts: a processor, , which extracts program code from a literate source file, and a set of macros that will typeset the source file (possibly after application, by , of a change file). is distributed as a web source file.  
URL: <https://ctan.org/pkg/literate>  
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URL: <https://ctan.org/pkg/makeprog>  
MIRROR: <https://mirror.ctan.org/support/makeprog>
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URL: <https://ctan.org/pkg/rcs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs>
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MIRROR: <https://mirror.ctan.org/obsolete/info/translations/microtype/de>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
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URL: <https://ctan.org/pkg/everysel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everysel>
  - *The everyshi package. Take action at every \shipout.* 2020-12-06. Version 4.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/everyshi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everyshi>
  - *The ms package. Various L<sup>A</sup>T<sub>E</sub>X packages by Martin Schröder.* 2021-01-19. LICENSE: lppl  
URL: <https://ctan.org/pkg/ms>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
  - *The multitoc package. Set table of contents in multiple columns.* 2020-11-24. Version 2.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/multitoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
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URL: <https://ctan.org/pkg/prelim2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prelim2e>
  - *The ragged2e package. Alternative versions of “ragged”-type commands.* 2023-06-22. Version 3.6. LICENSE: lppl1.3c. The package defines new commands , , and and new environments , , and , which set ragged text and are easily configurable to allow hyphenation (the corresponding commands in L<sup>A</sup>T<sub>E</sub>X, all of whose names are lower-case, prevent hyphenation altogether).  
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URL: <https://ctan.org/pkg/chemarrow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemarrow>
- Schröppel, Christian. *The forarray package. Using array structures in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.01. LICENSE: lppl. The package provides functionality for processing lists and array structures in . Arrays can contain characters as well as T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X commands, nesting of arrays is possible, and arrays are processed within the same brace level as their surrounding environment. Array levels can be delimited by characters or control sequences defined by the user. Practical uses of this package include data management, construction of lists and tables, and calculations based on the contents of lists and arrays.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texvc>
- Schulder, Marc and Thomas Hanke. *The hamnosys package. A font for sign languages.* 2022-02-08. Version 1.0.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hamnosys>  
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 URL: <https://ctan.org/pkg/udesoftec>  
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 URL: <https://ctan.org/pkg/baskervaldx>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
  - *Thebaskervillef package. Fry's Baskerville look-alike, with math support.* 2020-06-07. Version 1.051. LICENSE: ofl,lppl1.3. 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 T<sub>E</sub>X 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://ctan.org/pkg/baskervillef>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervillef>
  - *The bboldx package. Extension of the bbold package with a Blackboard Bold alphabet.* 2022-12-31. Version 1.032. LICENSE: other-free. Extension of to a package with three weights, of which the original is considered as light and the additions as regular and bold.  
 URL: <https://ctan.org/pkg/bboldx>  
 MIRROR: <https://mirror.ctan.org/fonts/bboldx>
  - *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lppl. The bundle provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The most recent version of offers support for these virtual fonts.  
 URL: <https://ctan.org/pkg/bickham>  
 MIRROR: <https://mirror.ctan.org/fonts/bickham>
  - *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<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/boondox>  
 MIRROR: <https://mirror.ctan.org/fonts/boondox>
  - *The cochineal package. Cochineal fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/cochineal>  
 MIRROR: <https://mirror.ctan.org/fonts/cochineal>
  - *The DSSerif package. A double-struck serifed font for mathematical use.* 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/dsserif>  
 MIRROR: <https://mirror.ctan.org/fonts/dsserif>
  - *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dutchcal>  
 MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
  - *The erewhon package. Font package derived from Heuristica and Utopia.* 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://ctan.org/pkg/erewhon>  
 MIRROR: <https://mirror.ctan.org/fonts/erewhon>
  - *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/esstix>  
 MIRROR: <https://mirror.ctan.org/fonts/esstix>
- Sharpe, Michael. *The ETbb package. An expansion of Edward Tufte's ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
 URL: <https://ctan.org/pkg/etbb>  
 MIRROR: <https://mirror.ctan.org/fonts/etbb>
- *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/fbb>  
 MIRROR: <https://mirror.ctan.org/fonts/fbb>
  - *The garamondx package. 'Expert'-like extensions to URW Garamond, and maths italic.* 2021-09-11. Version 1.21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/garamondx>  
 MIRROR: <https://mirror.ctan.org/fonts/garamondx>

- *The heuristic package*. Fonts extending Utopia, with L<sup>A</sup>T<sub>E</sub>X support files. 2019-06-11. Version 1.092. LICENSE: ofl  
URL: <https://ctan.org/pkg/heuristic>  
MIRROR: <https://mirror.ctan.org/fonts/heuristic>
- *The libertine package*. Libertine add-on to support Greek and Cyrillic. 2017-06-16. Version 1.01. LICENSE: lppl1.3. The package provides L<sup>A</sup>T<sub>E</sub>X support files to access the Greek and Cyrillic glyphs in LinuxLibertine. It functions as an add-on to the package, using filenames and macro names that are compatible with that package. Supported encodings: LGR, T2A, T2B, T2C, OT2.  
URL: <https://ctan.org/pkg/libertine>  
MIRROR: <https://mirror.ctan.org/fonts/libertine>
- *The LibertinusT1Math package*. A Type 1 font and L<sup>A</sup>T<sub>E</sub>X support for Libertinus Math. 2022-01-26. Version 2.0.2. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/libertinust1math>  
MIRROR: <https://mirror.ctan.org/fonts/libertinust1math>
- *The mathalpha package*. General package for loading maths alphabets in L<sup>A</sup>T<sub>E</sub>X. 2021-11-18. Version 1.143. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathalpha>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>
- *The minion2newtx package*. Enable use of Minion Pro with newtx. 2020-05-03. Version 2.0. LICENSE: lppl1.3. The package is an add-on to the newtxmath package, providing metric files that allow use of the Roman and Greek letters from MinionPro Version 2 within using the ‘minion’ option.  
URL: <https://ctan.org/pkg/minion2newtx>  
MIRROR: <https://mirror.ctan.org/fonts/minion2newtx>
- *The montserrat package*. Montserrat sans serif, otf and pfb, with L<sup>A</sup>T<sub>E</sub>X support files. 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/montserrat>  
MIRROR: <https://mirror.ctan.org/fonts/montserrat>
- *The newpx package*. Alternative uses of the PX fonts, with improved metrics. 2023-09-28. Version 1.522. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/newpx>  
MIRROR: <https://mirror.ctan.org/fonts/newpx>
- *The newtx package*. Alternative uses of the TX fonts, with improved metrics. 2023-08-26. Version 1.726. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/newtx>  
MIRROR: <https://mirror.ctan.org/fonts/newtx>
- *The newtxsf package*. Sans-math fonts for use with newtx. 2023-05-08. Version 1.055. LICENSE: ofl,lppl1.3. The package provides a maths support that amounts to modifications of the sans serif Roman and Greek letters with most symbols taken from (which must of course be installed and its map file enabled).  
URL: <https://ctan.org/pkg/newtxsf>  
MIRROR: <https://mirror.ctan.org/fonts/newtxsf>
- *The newtxtt package*. Enhancement of typewriter fonts from newtx. 2020-02-16. Version 1.056. LICENSE: gpl3,lppl  
URL: <https://ctan.org/pkg/newtxtt>  
MIRROR: <https://mirror.ctan.org/fonts/newtxtt>
- *The nimbus15 package*. Support files for Nimbus 2015 Core fonts. 2021-04-07. Version 1.014. LICENSE: other-free,lppl1.3  
URL: <https://ctan.org/pkg/nimbus15>  
MIRROR: <https://mirror.ctan.org/fonts/nimbus15>
- *The notomath package*. Math support for Noto fonts. 2023-08-22. Version 1.03. LICENSE: ofl,lppl1.3. Math support via for Google’s . (Regular and Bold weights only.)  
URL: <https://ctan.org/pkg/notomath>  
MIRROR: <https://mirror.ctan.org/fonts/notomath>
- *The pst-bspline package*. Draw cubic Bspline curves and interpolations. 2016-06-24. Version 1.62. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-bspline>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
- Sharpe, Michael. *The pst-layout package*. Page layout macros based on PSTricks packages. 2018-09-15. Version .95. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-layout>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
- *The pstdoc package*. A tool for PSTricks documentation. 2018-09-15. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstdoc>  
MIRROR: <https://mirror.ctan.org/info/pstdoc>
- *The ptmsc package*. Addon to the newtx package. 2021-09-11. Version 1.1. LICENSE: lppl1.3. This is an addon to the package that allows the substitution of the commercial Adobe TimesSC fonts for the default upright small caps in .  
URL: <https://ctan.org/pkg/ptmsc>  
MIRROR: <https://mirror.ctan.org/fonts/ptmsc>

- *The ptxalfa package. Virtual maths alphabets based on pxfonts and txfonts.* 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
URL: <https://ctan.org/pkg/ptxalfa>  
MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
  - *The rsfs package. A mathematical calligraphic font based on rsfs.* 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
URL: <https://ctan.org/pkg/rsfs>  
MIRROR: <https://mirror.ctan.org/fonts/rsfs>
  - *The scanpages package. Support importing and embellishing scanned documents.* 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/scanpages>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>
  - *The ScholaX package. Extension of T<sub>E</sub>X Gyre Schola (New Century Schoolbook) with math support.* 2022-02-01. Version 1.033. LICENSE: lppl  
URL: <https://ctan.org/pkg/scholax>  
MIRROR: <https://mirror.ctan.org/fonts/scholax>
  - *The SticksToo package. A reworking of STIX2.* 2021-10-18. Version 1.035. LICENSE: ofl,lppl1.3. SticksToo is a reworking of the STIX2 fonts with support files focussing on enhancements of support for L<sup>A</sup>T<sub>E</sub>X users wishing to be able to access more of its features. A companion addition to the package (version 1.55) provides a matching math package using STIX2 letters (Roman and Greek) with symbols.  
URL: <https://ctan.org/pkg/stickstoo>  
MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
  - *The superiors package. Attach superior figures to a font family.* 2019-08-19. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/superiors>  
MIRROR: <https://mirror.ctan.org/fonts/superiors>
  - *The tempora package. Greek and Cyrillic to accompany Times.* 2016-06-24. Version 1.05. LICENSE: gpl2  
URL: <https://ctan.org/pkg/tempora>  
MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal 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://ctan.org/pkg/txuprcal>  
MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet.* 2016-06-24. Version 1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urwchancal>  
MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
  - *The XCharter package. Extension of Bitstream Charter fonts.* 2023-07-27. Version 1.25. LICENSE: other-free,lppl1.3  
URL: <https://ctan.org/pkg/xcharter>  
MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlm tt package. Use Latin Modern Typewriter fonts.* 2022-08-08. Version 1.032. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/zlm tt>  
MIRROR: <https://mirror.ctan.org/fonts/zlm tt>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjob>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjobx package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjobx>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- Sharpsten, Christian. *The armymemo package. A document class for Army memorandums in accordance with AR 25-50.* 2019-01-28. Version 1.0.0. LICENSE: gpl2  
URL: <https://ctan.org/pkg/armymemo>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/armymemo>
- Shashkov, Sergey. *The russ package. L<sup>A</sup>T<sub>E</sub>X in Russian, without babel.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/russ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>

- Shawyer, Bruce. *The fullpict package. Full page pictures*. 2016-06-24. LICENSE: noinfo. The package provides picture-mode environments whose size is related to the size of the page. The fullpict environment takes arguments to specify the dimension of the picture in picture mode ‘unit lengths’; the value for is defined by the fact that the picture is to be 90% of . Similar environments halfpict (half the width of fullpict), and scalepict (a given percentage of the width of fullpict), are also defined.  
 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
- Shell, Michael. *The IEEEtran package. Document class for IEEE Transactions journals and conferences*. 2021-06-24. Version 1.8b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ieeetran>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
- *The ieeetrantools package. Functionality from IEEEtran for use with other classes*. 2021-06-24. Version 1.4. LICENSE: lppl1.3. The package provides several commands from the so that they can be used under other L<sup>A</sup>T<sub>E</sub>X classes; the package should not be used in a document that uses that parent class. The user guide only covers the ways in which usage differs from that in the parent class; thus the documentation of that class should be regarded as part of the documentation for the package.  
 URL: <https://ctan.org/pkg/ieeetrantools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>
  - *The mciteplus package. Enhanced multiple citations*. 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus L<sup>A</sup>T<sub>E</sub>X package is an enhanced reimplementation of Thorsten Ohl’s package which provides support for the grouping of multiple citations together as is often done in physics journals. An extensive set of features provide for other applications such as reference sublisting.  
 URL: <https://ctan.org/pkg/mciteplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mciteplus>
  - *The testflow package. A tool to validate PS/PDF output from L<sup>A</sup>T<sub>E</sub>X*. 2021-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/testflow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>
- Shepherd, James. *The jasthesis package. A ‘standard’ thesis class*. 2016-06-24. Version 0.5. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/jasthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jasthesis>
- Sherman, Heather. *The envelope package. Print envelopes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/envelope>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/envelope>
- Shibakov, Alexander. *The splint package. Write LALR(1) parsers in T<sub>E</sub>X using bison and flex*. 2020-10-11. Version 1.1.0. LICENSE: gpl3+. The bundle provides the means of building parsers and scanners in T<sub>E</sub>X. and are used to create the tables that drive the automata programmed as T<sub>E</sub>X macros.  
 URL: <https://ctan.org/pkg/splint>  
 MIRROR: <https://mirror.ctan.org/support/splint>
- Shigeru, Miyata. *The xetex-pstricks package. Running PSTricks under XeT<sub>E</sub>X*. 2018-09-15. LICENSE: pd  
 URL: <https://ctan.org/pkg/xetex-pstricks>  
 MIRROR: <https://mirror.ctan.org/graphics/xetex/pstricks>
- Shipunov, Alexey. *The altverse package. Typesetting verse*. 2019-10-07. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/altverse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/altverse.sty>
- *The autolist package. More lists*. 2019-10-07. Version 0.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/autolist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/autolist.sty>
- Shipunov, Alexey. *The biokey package. Flexible identification key tables in L<sup>A</sup>T<sub>E</sub>X*. 2019-10-07. Version 3.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biokey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
- *The biolist package. List observed species*. 2019-10-07. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biolist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/biolist.sty>
  - *The boldline package. Heavier lines in tables*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/boldline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/boldline.sty>
  - *The cassette-shipunov package. Print labels for audio cassettes*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/cassette-shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/cassete.cls>



- *The classif2 package. Biological classification tables.* 2019-10-09. Version 2.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/classif2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/classif2.sty>
- *The drcaps package. Simple dropped capitals.* 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/drcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/drcaps.sty>
- *The shipunov package. A collection of L<sup>A</sup>T<sub>E</sub>X packages and classes.* 2019-10-08. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
- *The sltables package. Simplified tables for L<sup>A</sup>T<sub>E</sub>X.* 2019-10-07. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/sltables>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
- *The xecyr package. Using Cyrillic languages in XeTeX.* 2019-10-07. Version 1.2. LICENSE: lppl1.3. Helper tools for using Cyrillic languages with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and .  
 URL: <https://ctan.org/pkg/xecyr>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecyr>
- Shizuya, Hakuta. *The lisp-on-tex package. Execute LISP code in a L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. Version 2.0. LICENSE: bsd  
 URL: <https://ctan.org/pkg/lisp-on-tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lisp-on-tex>
- Shoab, Yasir. *The ryersonSGSThesis package. Ryerson School of Graduate Studies thesis template.* 2019-02-26. Version 1.0.3. LICENSE: apache2  
 URL: <https://ctan.org/pkg/ryersonsgstheis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ryersonsgstheis>
- Shoshiashvili, Levan. *The georgian package. Support for typesetting in Georgian.* 2016-06-24. Version 0.9.5. LICENSE: lppl1.3. The bundle provides fonts, and L<sup>A</sup>T<sub>E</sub>X NFSS support, for typesetting text written in Georgian.  
 URL: <https://ctan.org/pkg/georgian>  
 MIRROR: <https://mirror.ctan.org/language/georgian>
- Shoshiashvili, Levan and Werner Lemberg. *The babel-georgian package. Babel support for Georgian.* 2017-11-21. Version 2.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-georgian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/georgian>
- Shoulson, Mark. *The vispeech package. Using Bell's Visible Speech alphabet.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/vispeech>  
 MIRROR: <https://mirror.ctan.org/language/vispeech>
- Shub, Daniel E. *The biblatex-cv package. Create a CV from BibTeX files.* 2021-06-04. Version 0.01. LICENSE: lppl1.3. This package creates an academic curriculum vitae (CV) from a BibTeX file. The package makes use of BibLaTeX/biber to automatically format, group, and sort the entries on a CV.  
 URL: <https://ctan.org/pkg/biblatex-cv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-cv>
- Shual, Boaz. *The technion-thesis-template package. Template for theses on the Technion graduate school.* 2019-02-04. Version 1.0. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/technion-thesis-template>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/technion-thesis-template>
- Shvaika, Andriy. *The cmpj package. Style for the journal Condensed Matter Physics.* 2021-03-18. Version 3.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmpj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmpj>
- Shvaika, Andriy, Maksym Polyakov, and Dimitri Vulis. *The ukrhyph package. Hyphenation Patterns for Ukrainian.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ukrhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ukrhyph>
- Siddikov, M. *The Orderer package. Order references in a T<sub>E</sub>X file.* 2016-06-24. LICENSE: lppl. Orderer is a small Perl script that will take a T<sub>E</sub>X document and re-order the references in it. This saves the user from building a database.  
 URL: <https://ctan.org/pkg/orderer>  
 MIRROR: <https://mirror.ctan.org/support/orderer>



- Siebenmann, Laurent. *The ascii-cyrillic package. A Latin alphabet representation of Cyrillic*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ascii-cyrillic>  
 MIRROR: <https://mirror.ctan.org/language/ascii-cyrillic>
- *The boxedart4mac package. Import graphics into Macintosh T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo. The package is an (accelerated) alternative to the author’s package, for the and Textures distributions only.  
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MIRROR: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
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MIRROR: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/lualatex-platform>
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 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
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 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acrosort](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acrosort)
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex-js>
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URL: <https://ctan.org/pkg/acrotex-web>  
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  - *The AeB Pro package. Items from the AeB Pro Family of Software.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/aeb-pro>  
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URL: <https://ctan.org/pkg/aeb-minitoc>  
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  - *The aeb-mlink package. Multi-line links with hyperref.* 2021-09-11. LICENSE: lppl1.2  
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URL: <https://ctan.org/pkg/aeb-mobile>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mobile](https://mirror.ctan.org/macros/latex/contrib/aeb_mobile)
  - *The aeb-tilebg package. AeB Tiling Backgrounds.* 2021-09-11. Version 1.2. LICENSE: lppl  
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MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_tilebg](https://mirror.ctan.org/macros/latex/contrib/aeb_tilebg)
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URL: [https://ctan.org/pkg/aeb\\_dad](https://ctan.org/pkg/aeb_dad)  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
  - *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://ctan.org/pkg/aebenvelope>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebenvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebenvelope)
  - *The aebXMP package. Add advanced metadata to PDF files.* 2021-09-11. LICENSE: lppl1.2,lppl1.2  
URL: <https://ctan.org/pkg/aebxmp>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebxmp](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebxmp)
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URL: <https://ctan.org/pkg/annot-pro>  
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URL: <https://ctan.org/pkg/bargraph-js>  
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URL: <https://ctan.org/pkg/datepicker-pro>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>



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URL: <https://ctan.org/pkg/digicap-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>
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URL: <https://ctan.org/pkg/docassembly>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
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URL: <https://ctan.org/pkg/dps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>
- *The ecards package*. Electronic flash cards. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/ecards>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
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URL: <https://ctan.org/pkg/eforms>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The endnotes-hy package*. Patches the endnotes package to create hypertext links to the correct anchors. 2020-04-16. LICENSE: lppl1.2.  
The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
URL: <https://ctan.org/pkg/endnotes-hy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
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URL: <https://ctan.org/pkg/eq-fetchbbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/eq-pin2corr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>
- *The eq-save package*. Save exerquiz quizzes and resume. 2021-09-11. LICENSE: lppl1.2. The package has a scheme for saving data from documents so the student can return later to continue with quiz results restored.  
URL: <https://ctan.org/pkg/eq-save>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-save>
- *The eq2db package*. Convert a quiz to one submitted to a server-side script. 2021-09-11. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq2db>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq2db>
- *The eqexam package*. A stand-alone exam package. 2021-09-11. LICENSE: lppl1.2. eqExam is a L<sup>A</sup>T<sub>E</sub>X package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
URL: <https://ctan.org/pkg/eqexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqexam>
- *The exerquiz package*. Environments for defining exercises and quizzes. 2021-10-13. Version 8.8.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/exerquiz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The fc-arith package*. Create an arithmetic flash card. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fc-arith>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)
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URL: <https://ctan.org/pkg/fetchbibpes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>
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URL: <https://ctan.org/pkg/fitr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitr>
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URL: <https://ctan.org/pkg/fldigial>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>

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URL: <https://ctan.org/pkg/graphicxbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
  - *The GraphicxSP package. An extension of the graphicx package.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/graphicxsp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>
  - *The grayhints package. Produce ‘gray hints’ to a variable text field.* 2018-11-03. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/grayhints>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
  - *The icon-appr package. Creates icon appearances for form buttons.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/icon-appr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>
  - *The insdljs package. Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents.* 2021-06-19. Version 2.5.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/insdljs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The jj-game package. A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games.* 2021-09-11. Version 3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/jj-game>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)
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URL: <https://ctan.org/pkg/lmacs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
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URL: <https://ctan.org/pkg/ltx4yt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
  - *The mi-solns package. Extract solutions from exercises and quizzes.* 2019-01-12. Version 0.6. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mi-solns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>
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URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
  - *The opacity-pro package. Set transparency and blend mode.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/opacity-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
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URL: <https://ctan.org/pkg/pmdb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
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URL: <https://ctan.org/pkg/popupmenu>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
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URL: <https://ctan.org/pkg/qrcstamps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
  - *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
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URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
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URL: <https://ctan.org/pkg/richtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
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URL: <https://ctan.org/pkg/rmannot>  
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  - *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://ctan.org/pkg/robot-man>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
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URL: <https://ctan.org/pkg/tile-graphic>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>
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 URL: <https://ctan.org/pkg/fpl>  
 MIRROR: <https://mirror.ctan.org/fonts/fpl>
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 URL: <https://ctan.org/pkg/callouts>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/callouts>
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 URL: <https://ctan.org/pkg/flacards>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/incgraph>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sanitize-umlaut>
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MIRROR: <https://mirror.ctan.org/systems/msdos/sbtex>

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

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MIRROR: <https://mirror.ctan.org/macros/al latex/al latex-1.0>

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URL: <https://ctan.org/pkg/drama>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The `frankenbundle` package. Develop and distribute L<sup>A</sup>T<sub>E</sub>X packages and classes and BibT<sub>E</sub>X styles. 2016-06-24. Version 1.10. LICENSE: pd  
URL: <https://ctan.org/pkg/frankenbundle>  
MIRROR: <https://mirror.ctan.org/support/frankenbundle>
- The `frankenstein` package. A collection of L<sup>A</sup>T<sub>E</sub>X packages. 2016-06-24. LICENSE: collection. Frankenstein is a bundle of L<sup>A</sup>T<sub>E</sub>X packages serving various purposes and a BibT<sub>E</sub>X bibliography style. Descriptions are given under the individual packages: , , , , , , , , , ,  
URL: <https://ctan.org/pkg/frankenstein>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The `frankenstein-unsupported` package. Unsupported packages from the Frankenstein bundle. 2020-03-09. LICENSE: collection. These packages were part of the original release of the bundle (under the name “monster”). The collection comprises:  
URL: <https://ctan.org/pkg/frankenstein-unsupported>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The `includex` package. Extended \include. 2016-06-24. Version 0.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/includex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The `lips` package. Text ellipses in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 2.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/lips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The `monster` package. Obsolete name for Frankenstein. 2016-06-24. LICENSE: gpl. This is an (obsolete) 8+3-compliant name for the bundle.  
URL: <https://ctan.org/pkg/monster>
- The `moredefs` package. L<sup>A</sup>T<sub>E</sub>X defining, expansion, and debugging commands. 2016-06-24. Version 1.8. LICENSE: gpl  
URL: <https://ctan.org/pkg/moredefs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The `newclude` package. Reimplemented \include system for L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 2. LICENSE: gpl  
URL: <https://ctan.org/pkg/newclude>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The `slemp` package. Slanted emphasis in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/slemp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The `swiftex` package. Edit doc.sty and normal L<sup>A</sup>T<sub>E</sub>X files with GNU Emacs. 2016-06-24. Version 1.35. LICENSE: gpl. DocT<sub>E</sub>X mode is for editing buffers containing self-documenting L<sup>A</sup>T<sub>E</sub>X code that uses the package, including the document class. DocT<sub>E</sub>X mode was designed to be significantly more useful than the alternatives provided by standard Emacs and (AUC T<sub>E</sub>X has since caught up in this regard). SwifT<sub>E</sub>X mode is for editing buffers containing normal L<sup>A</sup>T<sub>E</sub>X files and provides an alternative to the L<sup>A</sup>T<sub>E</sub>X modes in the standard Emacs distribution and in .  
URL: <https://ctan.org/pkg/swiftex>  
MIRROR: <https://mirror.ctan.org/support/emacs-modes/swiftex>
- The `titles` package. Titles of books, articles, etc. in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.2. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X package defining macros that typeset the titles of books, journals, etc. and handle following spacing and punctuation intelligently, based on context. Useful for bibliographic databases and any document. Also includes other markup like , , , etc.  
URL: <https://ctan.org/pkg/titles>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>

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 URL: <https://ctan.org/pkg/relsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relsize>
- Sydoriak, Steve. *The laletter package. Los Alamos letter style.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/laletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/laletter>
- *The lamemo package. Memo style as used at Los Alamos.* 2021-08-26. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lamemo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/lamemo>
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 URL: <https://ctan.org/pkg/aboensis>  
 MIRROR: <https://mirror.ctan.org/fonts/aboensis>
- *The foliono package. Use folio numbers to replace page numbers.* 2021-04-15. Version 1.000. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/foliono>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foliono>
  - *The missaali package. A late medieval OpenType textura font.* 2021-12-10. Version 2.0. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/missaali>  
 MIRROR: <https://mirror.ctan.org/fonts/missaali>
- Syropoulos, Apostolos. *The asana-math package. A font to typeset maths in Xe(La)TeX and Lua(La)TeX.* 2021-06-19. Version 000.958. LICENSE: ofl  
 URL: <https://ctan.org/pkg/asana-math>  
 MIRROR: <https://mirror.ctan.org/fonts/Asana-Math>
- *The bib-greek package. A BibTeX style for Greek documents.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bib-greek>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
  - *The epiolmec package. Typesetting the Epi-Olmec Language.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/epiolmec>  
 MIRROR: <https://mirror.ctan.org/language/epiolmec>
  - *The frederika2016 package. An OpenType Greek calligraphy font.* 2016-09-28. Version 1.000 2016 initial release. LICENSE: ofl  
 URL: <https://ctan.org/pkg/frederika2016>  
 MIRROR: <https://mirror.ctan.org/fonts/frederika2016>
  - *The greek-makeindex package. Makeindex working with Greek.* 2016-06-24. Version 2.0. LICENSE: other-free. is resolutely stuck with Latin-based alphabets, so will not deal with Greek indexes, unaided. This package provides a Perl script that will transmute the index of a Greek document in such a way that makeindex will sort the entries according to the rules of the Greek alphabet.  
 URL: <https://ctan.org/pkg/greek-makeindex>  
 MIRROR: <https://mirror.ctan.org/language/greek/mkgrindex>
  - *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 `\grnumalt` can (in principle) be used to provide alternative typeset display of the value of counters.  
 URL: <https://ctan.org/pkg/grnumalt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grnumalt>
  - *The grtimes package. Typeset Greek text with Times New Roman Greek.* 2019-06-21. Version 1.0. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/grtimes>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
  - *The grverb package. Typesetting Greek verbatim.* 2019-06-21. Version 1.0. LICENSE: other-nonfree. The package provides verbatim typesetting, in the context of the Greek option in `\documentclass`. The package uses the public domain font, and the font itself (in Type 1 format), metrics and a font map entry for its use are provided.  
 URL: <https://ctan.org/pkg/grverb>  
 MIRROR: <https://mirror.ctan.org/language/greek/grverb>
  - *The hellas package. Typeset bibliographies which include Greek.* 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 `greek`. These records may have fields and in addition to the fields one might expect in a standard BibTeX record.

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MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
- Syropoulos, Apostolos. *The linearA package. Linear A script fonts*. 2022-04-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/lineara>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/linearA>
- *The mf2pt3 package. Create Adobe Type 3 fonts*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mf2pt3>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>
  - *The multibbl package. Multiple bibliographies*. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/multibbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
  - *The ocherokee package. L<sup>A</sup>T<sub>E</sub>X Support for the Cherokee language*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ocherokee>  
MIRROR: <https://mirror.ctan.org/language/ Cherokee/ocherokee>
  - *The oinuit package. L<sup>A</sup>T<sub>E</sub>X Support for the Inuktitut Language*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/oinuit>  
MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
  - *The phaistos package. Disk of Phaistos font*. 2022-12-14. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/phaistos>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>
  - *The staves package. Typeset Icelandic staves and runic letters*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/staves>  
MIRROR: <https://mirror.ctan.org/language/staves>
  - *The svrsymbols package. A font with symbols for use in physics texts*. 2019-02-12. Version 2.0b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/svrsymbols>  
MIRROR: <https://mirror.ctan.org/fonts/svrsymbols>
  - *The umtypewriter package. Fonts to typeset with the xgreek package*. 2022-09-18. Version 1.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/umtypewriter>  
MIRROR: <https://mirror.ctan.org/fonts/umtypewriter>
  - *The xexchangebar package. An extension of package changebar that can be used with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X*. 2019-11-14. Version 1.0. LICENSE: lppl1.3.  
The package extends package so it can be used with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. It introduces the new option for use with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. Everything else remains the same and users should consult the original documentation for usage information.  
URL: <https://ctan.org/pkg/xexchangebar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
  - *The xecyrmongolian package. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe|Lua)L<sup>A</sup>T<sub>E</sub>X*. 2019-12-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xecyrmongolian>  
MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
  - *The xesoul package. Use the soul package with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X*. 2021-04-08. Version 1.0. LICENSE: lppl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/xesoul>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
  - *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/xetex-greek>  
MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
  - *The xgreek package. Greek Language Support for X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X*. 2022-09-05. Version 3.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xgreek>  
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URL: <https://ctan.org/pkg/xespotcolor>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package. Greek encoding support for inputenc*. 2023-03-21. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/greek-inputenc>  
MIRROR: <https://mirror.ctan.org/language/greek/greek-inputenc>

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 URL: <https://ctan.org/pkg/philokalia>  
 MIRROR: <https://mirror.ctan.org/fonts/philokalia>
- Syropoulos, Apostolos and Philip Kime. *The biber-solaris package. Biber binaries for Solaris*. 2022-07-08. Version 2.18. LICENSE: artistic2  
 URL: <https://ctan.org/pkg/biber-solaris>  
 MIRROR: <https://mirror.ctan.org/biblio/biber/biber-solaris>
- Syropoulos, Apostolos, Javier Bezos López, Johannes L. Braams, and Günter Milde. *The babel-greek package. Babel support for the Greek language and script*. 2023-08-19. Version 1.14. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/babel-greek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/greek>
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 URL: <https://ctan.org/pkg/ascii-font>  
 MIRROR: <https://mirror.ctan.org/fonts/ascii>
- *The decimal package. L<sup>A</sup>T<sub>E</sub>X package for the English raised decimal point*. 2016-06-24. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/decimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decimal>
  - *The mathspic package. A Perl filter program for use with PiCTeX*. 2016-06-24. Version 1.13. LICENSE: lpl  
 URL: <https://ctan.org/pkg/mathspic>  
 MIRROR: <https://mirror.ctan.org/graphics/mathspic>
- Syropoulos, Apostolos and Yannis Potamianos. *The elmath package. Mathematics in Greek texts*. 2016-06-24. Version 1.2. LICENSE: lpl  
 URL: <https://ctan.org/pkg/elmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elmath>
- Szabó, Péter. *The a2ping package. Advanced PS, PDF, EPS converter*. 2019-11-28. Version 2.84p. LICENSE: gpl. a2ping is a Perl script command line utility written for Unix that converts many raster image and vector graphics formats to EPS or PDF and other page description formats. Accepted input file formats are: PS (PostScript), EPS, PDF, PNG, JPEG, TIFF, PNM, BMP, GIF, LBM, XPM, PCX, TGA. Accepted output formats are: EPS, PCL5, PDF, PDF1, PBM, PGM, PPM, PS, markedEPS, markedPS, PNG, XWD, BMP, TIFF, JPEG, GIF, XPM. a2ping delegates the low-level work to Ghostscript (GS), pdftops and . a2ping fixes many glitches during the EPS to EPS conversion, so its output is often more compatible and better embeddable than its input.  
 URL: <https://ctan.org/pkg/a2ping>  
 MIRROR: <https://mirror.ctan.org/graphics/a2ping>
- *The anyfontsize package. Select any font size in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/anyfontsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/babel-hungarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hungarian>
  - *The examplep package. Verbatim phrases and listings in L<sup>A</sup>T<sub>E</sub>X*. 2020-05-09. Version 0.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/examplep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examplep>
  - *The graphicp package. An enhanced version of graphics*. 2016-06-24. Version 0.12. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/graphicp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/expt1/graphicp>
  - *The latex-uni8 package. Universal inputenc, fontenc, and babel for pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX*. 2019-01-20. Version 0.03. LICENSE: lpl. This package provides a L<sup>A</sup>T<sub>E</sub>X style file which makes it easy to use input encoding (UTF-8 by default, can be changed), (optional), (T1 if is not used), (English language by default), hyphenation, underline (with ), default text and math fonts (Computer Modern or Times), and paper sizes correctly with both pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX.  
 URL: <https://ctan.org/pkg/latex-uni8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latex-uni8>
  - *The sam2p package. Convert bitmap formats to compact PS/PDF*. 2021-09-15. Version 0.49.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sam2p>  
 MIRROR: <https://mirror.ctan.org/graphics/sam2p>



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 URL: <https://ctan.org/pkg/tt2001>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/tt2001>
- Takato, Setsuo. *The ketcindy package. Creating graphics for T<sub>E</sub>X using Cinderella*. 2021-03-10. Version 20191225.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/ketcindy>  
 MIRROR: <https://mirror.ctan.org/graphics/ketcindy>
- Takeda, Shiro. *The econ-bst package. BibTeX style for economics papers*. 2023-06-29. Version 3.1.1. LICENSE: lppl1.3. This is a BibTeX style file for papers in economics. It provides the following features:  
 URL: <https://ctan.org/pkg/econ-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>
- Talbot, Nicola. *The bib2gls package. Command line application to convert .bib files to glossaries-extra.sty resource files*. 2023-09-29. Version 3.7. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/bib2gls>  
 MIRROR: <https://mirror.ctan.org/support/bib2gls>
- *The csvtools package. Reading data from CSV files*. 2016-06-24. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
  - *The datatool package. Tools to load and manipulate data*. 2019-09-27. Version 2.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datatool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>
  - *The datatooltk package. A Java GUI for preparing datatool input*. 2018-07-06. Version 1.9. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/datatooltk>  
 MIRROR: <https://mirror.ctan.org/support/datatooltk>
  - *The datetime package. Change format of \today with commands for current time*. 2016-06-24. Version 2.60. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
  - *The datetime2 package. Formats for dates, times and time zones*. 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
  - *The datetime2-bahasa package. Bahasa language module for the datetime2 package*. 2018-01-10. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bahasa>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasa>
  - *The datetime2-breton package. Breton language module for the datetime2 package*. 2019-11-05. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-breton>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>
  - *The datetime2-bulgarian package. Bulgarian language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bulgarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>
  - *The datetime2-catalan package. Catalan language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-catalan>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>
  - *The datetime2-czech package. Czech language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>
  - *The datetime2-danish package. Danish language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>
  - *The datetime2-dutch package. Dutch language module for the datetime2 package*. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
  - *The datetime2-en-fulltext package. English Full Text styles for the datetime2 package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
  - *The datetime2-english package. English language module for the datetime2 package*. 2019-10-21. Version 1.05. LICENSE: lppl1.3. This module provides the following styles that can be set using provided by . The region not only determines the date/time format but also the time zone abbreviations if the zone mapping setting is on.



URL: <https://ctan.org/pkg/datetime2-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
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 URL: <https://ctan.org/pkg/datetime2-welsh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>
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 URL: <https://ctan.org/pkg/dickimaw>  
 MIRROR: <https://mirror.ctan.org/info/dickimaw>
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 URL: <https://ctan.org/pkg/doipubmed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
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 MIRROR: <https://mirror.ctan.org/graphics/flowframtk>
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 URL: <https://ctan.org/pkg/glossaries-dutch>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
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URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X.* 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript’s setting, which is analogous to Acrobat Distiller’s “Prepress Optimized” setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
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URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
  - *The MakeGlossariesGUI package. Java GUI alternative to makeglossaries script.* 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don’t want to use the command prompt but can’t get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
  - *The mfirstuc package. Uppercase the first letter of a word.* 2022-10-18. Version 2.08. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and xmakefirstuc which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn’t be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/probsoln>
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 URL: <https://ctan.org/pkg/tex-locale>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-locale>
  - *The texosquery package. Cross-platform Java application to query OS information.* 2020-02-04. Version 1.7. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/generic/tracklang>
  - *The venndiagram package. Creating Venn diagrams with TikZ.* 2018-06-07. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/venndiagram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/venndiagram>
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 URL: <https://ctan.org/pkg/makedtx>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>
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URL: <https://ctan.org/pkg/uptex>
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URL: <https://ctan.org/pkg/japanese-otf-uptex>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/japanese-otf>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jlabels>
- Tatlock, Benjamin. *The bropd package. Simplified brackets and differentials in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/cmfrak>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/cmfrak>
- *The ec-plain package. Use EC fonts in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ec-plain>  
 MIRROR: <https://mirror.ctan.org/macros/ec-plain>
  - *The hyphen-accent package. L<sup>A</sup>T<sub>E</sub>X 2.09 code for using DC fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hyphen-accent>  
 MIRROR: <https://mirror.ctan.org/language/hyphen-accent>
  - *The musictex package. Typesetting music with T<sub>E</sub>X*. 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://ctan.org/pkg/musictex>  
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  - *The smallcap package. Promote small caps to a font family, so NFSS can deal with different shapes*. 2016-06-24. LICENSE: noinfo. A set of files that uses the fonts available in version 1.3 of the DC fonts to provide support for all 4 shapes of small caps. SC becomes a family, rather than a shape ( is replaced by ). Thus you can write to get small caps bold slanted.  
 URL: <https://ctan.org/pkg/smallcap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smallcap>
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 URL: <https://ctan.org/pkg/varsects>  
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 URL: <https://ctan.org/pkg/bubblesort>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bubblesort>
- *The csvmerge package. Merge T<sub>E</sub>X code with csv data*. 2019-08-14. Version 1.0. LICENSE: lppl1.3  
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- *The qed package. Produce an "end-of-proof" mark*. 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/qed>  
 MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor/QED.sty>
  - *The taylor package. Macros for category-theoretic diagrams*. 2016-06-24. Version 3.93. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/taylor>  
 MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/taylor>
- Taylor, Philip. *The cropmarks-pt package. Philip Taylor's cropmarks macros*. 2016-06-24. Version 1.4. LICENSE: other-free. The package permits the user to specify cropmarks in terms of a number of dimension variables. The marks themselves are applied in a subverted command.  
 URL: <https://ctan.org/pkg/cropmarks-pt>  
 MIRROR: [https://mirror.ctan.org/macros/generic/misc/CropMarks\\_pt.tex](https://mirror.ctan.org/macros/generic/misc/CropMarks_pt.tex)
- *The cropmrks package. Add crop marks to a Plain T<sub>E</sub>X document*. 2016-06-24. Version 1.5. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cropmrks>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>

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 URL: <https://ctan.org/pkg/letterspacing>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>
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 URL: <https://ctan.org/pkg/path>  
 MIRROR: <https://mirror.ctan.org/macros/generic/path>
  - *The settosize package. Scale text to given width*. 2019-10-03. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/settosize>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/trigonometry>
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 URL: <https://ctan.org/pkg/verbatim-gen>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letterswitharrows>
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 MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
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 URL: <https://ctan.org/pkg/autoalign>  
 MIRROR: <https://mirror.ctan.org/macros/generic/autoalign>
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 URL: <https://ctan.org/pkg/chemfig>  
 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
  - *The dijstra package. Dijkstra algorithm for  $\LaTeX$* . 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dijkstra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
  - *The hlist package. Horizontal and columned lists*. 2017-08-08. Version 0.11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hlist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/hlist>
  - *The scratch package. Draw programs like “scratch”*. 2023-03-23. Version 0.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scratch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/scratch>
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 URL: <https://ctan.org/pkg/scratch3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scratch3>
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 URL: <https://ctan.org/pkg/simplekv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
  - *The spreadtab package. Spreadsheet features for  $\LaTeX$  tabular environments*. 2023-09-11. Version 0.52. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/spreadtab>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/listofitems>
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 URL: <https://ctan.org/pkg/acanthis>  
 MIRROR: <https://mirror.ctan.org/fonts/acanthis>
- *The alegreya package. Alegreya fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-14. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/alegreya>  
 MIRROR: <https://mirror.ctan.org/fonts/alegreya>
  - *The alkalami package. A font for Arabic-based writing systems in Nigeria and Niger*. 2017-06-07. Version 1.000. LICENSE: ofl  
 URL: <https://ctan.org/pkg/alkalami>  
 MIRROR: <https://mirror.ctan.org/fonts/alkalami>
  - *The almendra package. Almendra fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/almendra>  
 MIRROR: <https://mirror.ctan.org/fonts/almendra>
  - *The andika package. andika fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-09-28. Version 6.101. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/andika>  
 MIRROR: <https://mirror.ctan.org/fonts/andika>
  - *The arimo package. Arimo sans serif fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: apache2  
 URL: <https://ctan.org/pkg/arimo>  
 MIRROR: <https://mirror.ctan.org/fonts/arimo>
  - *The atkinson package. Support for the Atkinson Hyperlegible family of fonts*. 2022-09-14. LICENSE: lppl,other-free  
 URL: <https://ctan.org/pkg/atkinson>  
 MIRROR: <https://mirror.ctan.org/fonts/atkinson>
  - *The autosp package. A Preprocessor that generates note-spacing commands for MusiXTeX scores*. 2021-01-07. LICENSE: gpl2+  
 URL: <https://ctan.org/pkg/autosp>  
 MIRROR: <https://mirror.ctan.org/support/autosp>
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 URL: <https://ctan.org/pkg/biolinum-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/biolinum-type1>
  - *The bitter package. The Bitter family of fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2023-07-10. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/bitter>  
 MIRROR: <https://mirror.ctan.org/fonts/bitter>
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 URL: <https://ctan.org/pkg/cabin>  
 MIRROR: <https://mirror.ctan.org/fonts/cabin>
  - *The caladea package. Support for the Caladea family of fonts*. 2022-09-29. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/caladea>  
 MIRROR: <https://mirror.ctan.org/fonts/caladea>
  - *The carlito package. Support for Carlito sans-serif fonts*. 2022-10-05. LICENSE: ofl  
 URL: <https://ctan.org/pkg/carlito>  
 MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The CharisSIL package. CharisSIL fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-11-12. Version 6.101. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/charissil>  
 MIRROR: <https://mirror.ctan.org/fonts/charissil>
  - *The cinzel package. L<sup>A</sup>T<sub>E</sub>X support for Cinzel and Cinzel Decorative fonts*. 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package’s L<sup>A</sup>T<sub>E</sub>X support.

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MIRROR: <https://mirror.ctan.org/fonts/cinzel>
- Tennent, Bob. *The classico package. URW Classico fonts*. 2022-09-30. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/classico>  
MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
- *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-15. LICENSE: apache2,lppl  
URL: <https://ctan.org/pkg/clearsans>  
MIRROR: <https://mirror.ctan.org/fonts/clearsans>
  - *The coelacanth package. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/coelacanth>  
MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
  - *The cooperhewitt package. LaTeX, pdfLaTeX, Xe<sup>L</sup>A<sub>T</sub>E<sub>X</sub> and LuaL<sup>A</sup>T<sub>E</sub>X support for the Cooper Hewitt family of sans serif fonts*. 2022-11-03. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cooperhewitt>  
MIRROR: <https://mirror.ctan.org/fonts/cooperhewitt>
  - *The CormorantGaramond package. Cormorant Garamond family of fonts*. 2022-09-16. Version 3.601. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cormorantgaramond>  
MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>
  - *The crimson package. Crimson fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/crimson>  
MIRROR: <https://mirror.ctan.org/fonts/crimson>
  - *The CrimsonPro package. CrimsonPro fonts with L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/crimsonpro>  
MIRROR: <https://mirror.ctan.org/fonts/crimsonpro>
  - *The ebgaramond package. L<sup>A</sup>T<sub>E</sub>X support for EBGaramond fonts*. 2023-03-19. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ebgaramond>  
MIRROR: <https://mirror.ctan.org/fonts/ebgaramond>
  - *The figbas package. Mini-fonts for figured-bass notation in music*. 2016-06-24. Version 1.0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/figbas>  
MIRROR: <https://mirror.ctan.org/fonts/figbas>
  - *The fira package. Fira fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-17. Version 4.3. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/fira>  
MIRROR: <https://mirror.ctan.org/fonts/fira>
  - *The forum package. Forum fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/forum>  
MIRROR: <https://mirror.ctan.org/fonts/forum>
  - *The gandhi package. Gandhi Serif and Sans fonts, with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-01. LICENSE: nosell,lppl  
URL: <https://ctan.org/pkg/gandhi>  
MIRROR: <https://mirror.ctan.org/fonts/gandhi>
  - *The gelasio package. L<sup>A</sup>T<sub>E</sub>X support for the Gelasio family of fonts*. 2023-04-10. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/gelasio>  
MIRROR: <https://mirror.ctan.org/fonts/gelasio>
  - *The gillius package. Gillius fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-30. LICENSE: gpl2+,lppl  
URL: <https://ctan.org/pkg/gillius>  
MIRROR: <https://mirror.ctan.org/fonts/gillius>
  - *The gofonts package. GoSans and GoMono fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-12. LICENSE: other-free,lppl  
URL: <https://ctan.org/pkg/gofonts>  
MIRROR: <https://mirror.ctan.org/fonts/gofonts>
  - *The ibarra package. L<sup>A</sup>T<sub>E</sub>X support for the Ibarra Real Nova family of fonts*. 2023-04-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ibarra>  
MIRROR: <https://mirror.ctan.org/fonts/ibarra>
  - *The imfellEnglish package. IM Fell English fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-01. LICENSE: ofl  
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 URL: <https://ctan.org/pkg/imfellflowers>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
- *The josefin package. Josefin fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-01. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/josefin>  
 MIRROR: <https://mirror.ctan.org/fonts/josefin>
  - *The libertine package. Use of Linux Libertine and Biolinum fonts with L<sup>A</sup>T<sub>E</sub>X*. 2022-09-12. Version 5.3.0. LICENSE: gpl,ofl,lppl  
 URL: <https://ctan.org/pkg/libertine>  
 MIRROR: <https://mirror.ctan.org/fonts/libertine>
  - *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts*. 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/libertine-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
  - *The libertinus-type1 package. Support for using Libertinus fonts with L<sup>A</sup>T<sub>E</sub>X/pdfLaTeX*. 2023-06-23. LICENSE: gpl2,ofl,lppl  
 URL: <https://ctan.org/pkg/libertinus-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>
  - *The librebaskerville package. The Libre Baskerville family of fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-17. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librebaskerville>  
 MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
  - *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-18. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librebodoni>  
 MIRROR: <https://mirror.ctan.org/fonts/librebodoni>
  - *The librecaslon package. Libre Caslon fonts, with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-18. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librecaslon>  
 MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
  - *The librefranklin package. L<sup>A</sup>T<sub>E</sub>X support for the Libre-Franklin family of fonts*. 2022-09-19. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/librefranklin>  
 MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
  - *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-28. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/linguisticspro>  
 MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
  - *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-09-19. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/lobster2>  
 MIRROR: <https://mirror.ctan.org/fonts/lobster2>
  - *The Marcellus package. Marcellus fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-20. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Marcellus family of fonts, designed by Brian J. Bonislowsky. Marcellus is a flared-serif family, inspired by classic Roman inscription letterforms. There is currently just a regular weight and small-caps. The regular weight will be silently substituted for bold.  
 URL: <https://ctan.org/pkg/marcellus>  
 MIRROR: <https://mirror.ctan.org/fonts/marcellus>
  - *The merriweather package. Merriweather and MerriweatherSans fonts, with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-20. LICENSE: ofl,lppl  
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— *The amsopn package. Typeset mathematical operator names*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c. Part of the distribution, this package defines a command that may be used to define commands like the L<sup>A</sup>T<sub>E</sub>X built-in commands and ; the command allows ad-hoc operator names in the body of a document.

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

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



- The L<sup>A</sup>T<sub>E</sub>X Project Team. *The amstext package. Typeset text fragments in mathematics*. 2023-06-09. Version 2.01. LICENSE: lppl1.3c. Part of the distribution, this package defines a macro, which makes it easy to incorporate fragments of text inside a displayed equation or a sub or superscript. The font used is the “surrounding text font” and sizes are automatically scaled in sub/superscripts.  
 URL: <https://ctan.org/pkg/amstext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>
- *The article package. Default class for composing an article*. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/article>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The book package. A class for typesetting books*. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The cfgguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X configuration options*. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cfgguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The classes package. The source of L<sup>A</sup>T<sub>E</sub>X’s standard classes*. 2023-06-09. 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<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/classes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The clsguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X class and package writing*. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/clsguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The cmextra-latex package. Install macros for “standard” fonts not used by L<sup>A</sup>T<sub>E</sub>X itself*. 2023-06-09. LICENSE: lppl1.3c. 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<sup>A</sup>T<sub>E</sub>X distribution, but they are not extracted by default.)  
 URL: <https://ctan.org/pkg/cmextra-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base/cmextra.ins>
  - *The ctablestack package. Catcode table stable support*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ctablestack>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/ctablestack>
  - *The cyrillic package. Support for Cyrillic fonts in L<sup>A</sup>T<sub>E</sub>X*. 2022-06-16. Version 2022-06-01-PL1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-cyrillic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/cyrillic>
  - *The dvisvgm-def package. Colour and Graphics support for dvisvgm*. 2022-09-23. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dvisvgm-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
  - *The expl3 package. Wrapper package for experimental L<sup>A</sup>T<sub>E</sub>X3*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/exp13>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
  - *The fixltx2e package. Patches for L<sup>A</sup>T<sub>E</sub>X*. 2023-06-09. Version 2.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fixltx2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The fntguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X font commands*. 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fntguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The fontenc package. Standard package for selecting font encodings*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fontenc>
  - *The graphics-cfg package. Sample configuration files for L<sup>A</sup>T<sub>E</sub>X color and graphics*. 2017-04-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/graphics-cfg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-cfg>
  - *The l3backend package. LaTeX3 backend drivers*. 2023-04-19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3backend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3backend>

- The L<sup>A</sup>T<sub>E</sub>X Project Team. *The l3build package. A testing and building system for (La)TeX*. 2023-09-13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3build>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3build>
- *The l3docstrip package. Strip documentation in L<sup>A</sup>T<sub>E</sub>X3 source*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3docstrip>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
  - *The l3experimental package. Experimental L<sup>A</sup>T<sub>E</sub>X3 concepts*. 2023-05-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3experimental>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
  - *The l3kernel package. LaTeX3 programming conventions*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3kernel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
  - *The l3keys2e package. LaTeX2e option processing using L<sup>A</sup>T<sub>E</sub>X3 keys*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3keys2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
  - *The l3packages package. High-level L<sup>A</sup>T<sub>E</sub>X3 concepts*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3packages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
  - *The l3regex package. Regular expression facilities for L<sup>A</sup>T<sub>E</sub>X*. 2023-08-29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3regex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel/l3regex.dtx>
  - *The latex-amsmath package. AMS mathematical facilities for L<sup>A</sup>T<sub>E</sub>X*. 2023-06-09. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latex-amsmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>
  - *The latex-amsmath-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X amsmath bundle*. 2023-09-13. Version 2023-11-01 pre-release 1. LICENSE: lppl1.3c. 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://ctan.org/pkg/latex-amsmath-dev>  
 MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/amsmath>
  - *The latex-base-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X kernel*. 2023-09-13. Version 2023-11-01 pre-release 1. LICENSE: lppl1.3c. This package provides a testing release for upcoming L<sup>A</sup>T<sub>E</sub>X2e kernel changes. Testing by the L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X kernel. Typically, the code here will be used by a T<sub>E</sub>X system to create dedicated formats, for example , which can then be used explicitly for testing.  
 URL: <https://ctan.org/pkg/latex-base-dev>  
 MIRROR: <https://mirror.ctan.org/macros/latex-dev/base>
  - *The latex-doc package. Documentation supplied as part of the L<sup>A</sup>T<sub>E</sub>X distribution*. 2023-06-19. Version 2023-06-01 PL1. LICENSE: lppl1.3c. A collection of documentation that is provided with L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/latex-doc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The latex-firstaid package. First aid for external L<sup>A</sup>T<sub>E</sub>X files and packages that need updating*. 2023-06-09. Version 1.0z. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latex-firstaid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/firstaid>
  - *The latex-firstaid-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X firstaid package*. 2023-09-13. Version 1.1a. LICENSE: lppl1.3c. 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://ctan.org/pkg/latex-firstaid-dev>  
 MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/firstaid>
  - *The latex-graphics package. The L<sup>A</sup>T<sub>E</sub>X standard graphics bundle*. 2022-11-01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latex-graphics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The latex-graphics-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X graphics bundle*. 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended

for testing by knowledgeable users.

MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/graphics>

The L<sup>A</sup>T<sub>E</sub>X Project Team. *The latex-lab package*. L<sup>A</sup>T<sub>E</sub>X laboratory. 2023-06-09. LICENSE: lpl1.3c

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

- [illegible]

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

- [illegible]

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

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

- *The latexbug package. Bug-classification for L<sup>A</sup>T<sub>E</sub>X related bugs.* 2022-06-14. Version 1.0n. LICENSE: lppl1.3c

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

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

- *The makeidx package. Standard L<sup>A</sup>T<sub>E</sub>X package for creating indexes.* 2023-06-09. Version 1.0m. LICENSE: lppl,lppl1.3c

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

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

- *The modguide package. The rules about modifying L<sup>A</sup>T<sub>E</sub>X.* 2019-10-04. LICENSE: lppl

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

URL: <https://ctan.org/pkg/pdfmanagement-testphase>

- *Theproc* package. Class for producing “proceedings”. 2023-06-09. 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 .

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

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

- *The shellsc package. Unified shell escape interface for L<sup>A</sup>T<sub>E</sub>X*. 2023-06-09. Version 1.0d. LICENSE: lppl1.3c

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

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

- *The source2e package. LaTeX2e kernel documentation for the entire system as one document.* 2017-04-18. LICENSE: lppl

- The L<sup>A</sup>T<sub>E</sub>X 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.  
URL: <https://ctan.org/pkg/t1enc>
- *The usrguide package. User-mode documentation for L<sup>A</sup>T<sub>E</sub>X.* 2019-10-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/usrguide>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The xcoffins package. Rich boxed material for L<sup>A</sup>T<sub>E</sub>X 3.* 2023-05-11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xcoffins>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
  - *The xfp package. Interface to the L<sup>A</sup>T<sub>E</sub>X3 floating point unit.* 2023-08-29. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xfp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
  - *The xgalley package. Control text feeding onto the page.* 2023-05-11. 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://ctan.org/pkg/xgalley>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental/xgalley.dtx>
  - *The xparse package. A generic document command parser.* 2023-08-29. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xparse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
  - *The xtemplate package. A high-level interface for declaring document commands.* 2023-08-29. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xtemplate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and David Carlisle. *The autopict package. The L<sup>A</sup>T<sub>E</sub>X picture mode, for use with Plain T<sub>E</sub>X.* 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://ctan.org/pkg/autopict>  
MIRROR: <https://mirror.ctan.org/macros/plain/graphics/autopict.sty>
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URL: <https://ctan.org/pkg/iftex>  
MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Leslie Lamport. *The latex package. A T<sub>E</sub>X macro package that defines L<sup>A</sup>T<sub>E</sub>X.* 2023-06-19. Version 2023-06-01 PL1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/latex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Werner Lemberg. *The encguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X font encodings.* 2019-10-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/encguide>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Frank Mittelbach. *The latex-base package. Base sources of L<sup>A</sup>T<sub>E</sub>X.* 2023-06-19. Version 2023-06-01 PL1. LICENSE: lppl1.3c. This bundle comprises the source of L<sup>A</sup>T<sub>E</sub>X itself, together with several packages which are considered ‘part of the kernel’. This bundle, together with the packages, constitutes what every L<sup>A</sup>T<sub>E</sub>X distribution should contain.  
URL: <https://ctan.org/pkg/latex-base>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Frank Mittelbach, and Leslie Lamport. *The unpacked package. Unpacked copy of the L<sup>A</sup>T<sub>E</sub>X sources.* 2017-04-18. LICENSE: lppl  
URL: <https://ctan.org/pkg/unpacked>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Heiko Oberdiek. *The ifluatex package. Provides the \ifluatex switch.* 2022-02-05. Version 1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ifluatex>  
MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
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URL: <https://ctan.org/pkg/ifpdf>  
MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
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- URL: <https://ctan.org/pkg/ivftex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Sebastian Rahtz, Walter A. Schmidt, and Vladimir Volovich. *The required package. Packages "required" of a L<sup>A</sup>T<sub>E</sub>X distribution.* 2016-06-24. LICENSE: lppl
- URL: <https://ctan.org/pkg/required>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Will Robertson. *The ifxetex package. Am I running under XeTeX?* 2022-02-05. Version 0.7. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/ifxetex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
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- URL: <https://ctan.org/pkg/ifetex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Kresten Krab Thorup, and Frank Jensen. *The calc package. Simple arithmetic in L<sup>A</sup>T<sub>E</sub>X commands.* 2023-06-09. Version 4.3. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/calc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Joseph Wright. *The graphics-def package. Colour and graphics option files.* 2022-09-23. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/graphics-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
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- URL: <https://ctan.org/pkg/stix>  
 MIRROR: <https://mirror.ctan.org/fonts/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
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- URL: <https://ctan.org/pkg/stix2-type1>  
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- URL: <https://ctan.org/pkg/eurosym>  
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- URL: <https://ctan.org/pkg/ttn>  
 MIRROR: <https://mirror.ctan.org/info/digests/ttn>
- Thielemann, Jens T. Berger and Ivan Andrus. *The chktex package. Check for errors in L<sup>A</sup>T<sub>E</sub>X documents.* 2022-10-18. Version 1.7.8. LICENSE: gpl2+. The program reports typographic and other errors in L<sup>A</sup>T<sub>E</sub>X documents. Filters are also provided for checking the L<sup>A</sup>T<sub>E</sub>X parts of documents.
- URL: <https://ctan.org/pkg/chktex>  
 MIRROR: <https://mirror.ctan.org/support/chktex>
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- URL: <https://ctan.org/pkg/beamerdarkthemes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerdarkthemes>
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- URL: <https://ctan.org/pkg/sidenotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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://ctan.org/pkg/ln03dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/ln03/thomas>
- Thomas, Reuben. *The alphanum-bst package. Modified alpha BibTeX style.* 2016-06-24. LICENSE: other-free
- URL: <https://ctan.org/pkg/alphanum-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>



- Thomas, Reuben. *The alphanumb package. A modification of alpha.bst*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/alphanumb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
- *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://ctan.org/pkg/bitfield>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/bitfield>
  - *The dashbox package. Draw dashed boxes*. 2016-06-24. Version 1.14. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashbox>
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 URL: <https://ctan.org/pkg/latexdiff>  
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 URL: <https://ctan.org/pkg/bophook>  
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 URL: <https://ctan.org/pkg/corelpak-contrib>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/corelpak-contrib>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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 T<sub>E</sub>X 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://ctan.org/pkg/mtgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mtgreek>
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 URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/authoryear-icomp-tt>
- *The idxlayout package. Configurable index layout, responsive to KOMA-Script and memoir*. 2016-06-24. Version 0.4d. LICENSE: 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://ctan.org/pkg/idxlayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/idxlayout>
- *The quoting package. Consolidated environment for displayed text*. 2016-06-24. Version 0.1c. LICENSE: lppl1.3. As an alternative to the L<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/quoting>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quoting>
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 URL: <https://ctan.org/pkg/dvgt>  
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 URL: <https://ctan.org/pkg/fortran>  
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 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/listing.mac>
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 MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/contrib/lithuanian>
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 URL: <https://ctan.org/pkg/cuted>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools/cuted.dtx>
  - *The flushend package. Balancing columns at last page*. 2021-10-11. Version 4.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/flushend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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 URL: <https://ctan.org/pkg/lithuanian>  
 MIRROR: <https://mirror.ctan.org/language/lithuanian>
  - *The marginal package. Extensions to \marginpar handling*. 2016-06-29. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/marginal>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/marginal>
  - *The midfloat package. Mixing onecolumn and twocolumn modes at any place of page*. 2021-10-11. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/midfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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 URL: <https://ctan.org/pkg/bookcover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bookcover>
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 URL: <https://ctan.org/pkg/fgruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fgruler>
  - *The huaz package. Automatic Hungarian definite articles*. 2022-11-05. Version 1.0. LICENSE: lppl1.3. In Hungarian there are two definite articles, “a” and “az”, which are determined by the pronunciation of the subsequent word. The definite article is “az”, if the first phoneme of the pronounced word is a vowel, otherwise it is “a”. The package helps the user to insert automatically the correct definite article for cross-references and other commands containing text.  
 URL: <https://ctan.org/pkg/huaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huaz>
  - *The hulipsum package. Hungarian dummy text (Lórum ipse)*. 2020-11-03. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hulipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hulipsum>
  - *The numspell package. Spelling cardinal and ordinal numbers*. 2021-11-23. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/numspell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numspell>
  - *The thesis-ekf package. Thesis class for Eszterházy Károly Catholic University*. 2021-08-12. Version 4.2. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/thesis-ekf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thesis-ekf>
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 URL: <https://ctan.org/pkg/ptptex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ptptex>
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 URL: <https://ctan.org/pkg/topletter>  
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- Toshio, Oshima, Yoshiki Otake, Kazunori Asayama, and Takuji Tanaka. *The dviout package. TeX previewer and printer driver for MS-Windows*. 2023-03-20. Version 3.19.0. LICENSE: other-free. The program supports a variety of printing mechanisms (including PDF output via ), and can use most extant font formats (including the long-outdated T<sub>E</sub>X PXL format). The program will use output from Omega as well as from T<sub>E</sub>X, and understands a wide variety of commands.  
 URL: <https://ctan.org/pkg/dviout>  
 MIRROR: <https://mirror.ctan.org/dviware/dviout>
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 URL: <https://ctan.org/pkg/babel-macedonian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/macedonian>
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 URL: <https://ctan.org/pkg/vietnet>  
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the package's functions are merely for fun or educational use, but some functions (for example, for visualising the badness and font expansion of each line, and doing what its name says) could be useful in a "normal" LuaTeX document.

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

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

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

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

— *The tex-overview package. An overview of the development of T<sub>E</sub>X*. 2016-06-24. Version 0.2. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/tex-overview>

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Trettin, Mark and Gonzalo Medina Arellano. *The l2tabu-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<sup>A</sup>T<sub>E</sub>X2e by Mark Trettin. A list of obsolete packages, commands and usages.

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

MIRROR: <https://mirror.ctan.org/systems/mac/oztex>

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MIRROR: <https://mirror.ctan.org/systems/win32/oletex>

Trinkle, Daniel. *The detex package. Strip T<sub>E</sub>X from a source file*. 2020-03-15. LICENSE: other-free

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://ctan.org/pkg/finomaton>

MIRROR: <https://mirror.ctan.org/graphics/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://ctan.org/pkg/greenpoint>

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

Trzeciak, Tomasz M. *The cachepic package. Convert document fragments into graphics*. 2016-06-24. Version 1.0. LICENSE: lppl1.3

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

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

— *The docmute package. Input files ignoring L<sup>A</sup>T<sub>E</sub>X preamble, etc*. 2016-06-24. Version 1.4. LICENSE: lppl1.3. Input or include stand-alone L<sup>A</sup>T<sub>E</sub>X documents, ignoring everything but the material between and .

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

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

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

MIRROR: <https://mirror.ctan.org/systems/android/hktex>

Tsolomitis, Antonis. *The Epigrafica package. A Greek and Latin font*. 2017-04-18. Version 1.01. LICENSE: gpl

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

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

— *The fontsetup package. A front-end to fontspec, for selected fonts with math support*. 2023-08-02. Version 1.6. 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://ctan.org/pkg/fontsetup>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup>

Tsolomitis, Antonis. *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://ctan.org/pkg/fontsetup-nonfree>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup-nonfree>

— *The GFS Solomos package. A Greek-alphabet font.* 2017-04-18. Version 1.0. LICENSE: ofl

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

MIRROR: <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://ctan.org/pkg/gfsdidotclassic>

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

— *The GFSNeoHellenicMath package. A math font in the Neo-Hellenic style.* 2022-07-18. Version 1.02. LICENSE: ofl

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

MIRROR: <https://mirror.ctan.org/fonts/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://ctan.org/pkg/greekdates>

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

— *The kerkis package. Kerkis (Greek) font family.* 2021-08-26. Version 1.11. LICENSE: lppl1.3c

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

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

— *The NewComputerModern package. Computer Modern fonts including matching non-latin alphabets.* 2023-06-26. Version 4.6. LICENSE: gfl

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

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

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

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

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Tsolomitis, Antonis, Alain Aubord, George D. Matthiopoulos, and The Greek Font Society. *The GFSDidot package. A Greek font based on Didot’s work.* 2023-08-24. LICENSE: other-free

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Tsolomitis, Antonis and The Greek Font Society. *The GFS Baskerville package. A Greek font, from one such by Baskerville.* 2023-08-24. Version 1.0. LICENSE: other-free. The font is a digital implementation of Baskerville’s classic Greek font, provided by the . The font covers Greek only, and L<sup>A</sup>T<sub>E</sub>X support provides for the use of LGR encoding.

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 MIRROR: <https://mirror.ctan.org/support/ldiff>
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 MIRROR: <https://mirror.ctan.org/systems/mac/mactex>
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 MIRROR: <https://mirror.ctan.org/systems/mac/mactex/BasicTeX.pkg>
  - *The mactextras package. Extras for the MacTeX distribution*. 2023-03-20. 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.  
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 MIRROR: <https://mirror.ctan.org/systems/mac/mactex/MacTeXtras.zip>
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- UK T<sub>E</sub>X 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://ctan.org/pkg/uktug-bask>  
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 URL: <https://ctan.org/pkg/ditaa>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabfigures>
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 MIRROR: <https://mirror.ctan.org/fonts/korean/HLaTeX>
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 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/aalok>
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 URL: <https://ctan.org/pkg/annotate>  
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URL: <https://ctan.org/pkg/appelt-chess>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/appelt-chess.tex>
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URL: <https://ctan.org/pkg/association-matrix>  
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URL: <https://ctan.org/pkg/asymptote-faq-zh-cn>  
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URL: <https://ctan.org/pkg/asymptote-manual-zh-cn>  
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URL: <https://ctan.org/pkg/automagic>  
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URL: <https://ctan.org/pkg/autotoc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/autotoc.tex>
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URL: <https://ctan.org/pkg/balanced>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/balanced.sty>
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URL: <https://ctan.org/pkg/baum>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/baum>
  - *The beamertheme-rainbow package. A beamer colour theme which alternates theme colours on every frame.* 2023-07-18. Version 0.1. LICENSE: lppl1.3c  
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URL: <https://ctan.org/pkg/beamertheme-tcolorbox>  
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 URL: <https://ctan.org/pkg/cdcmd>  
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 URL: <https://ctan.org/pkg/chhaya>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/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://ctan.org/pkg/chinese-jfm>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>
  - *The cmastro package. Font for planetary symbols.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmastro>  
 MIRROR: <https://mirror.ctan.org/fonts/cmastro>
  - *The committee-font package. A font designed by a committee.* 2016-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/committee-font>  
 MIRROR: <https://mirror.ctan.org/fonts/unsupported/committee>
  - *The csname-doc package. A list of plain.tex cs names.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/csname-doc>  
 MIRROR: <https://mirror.ctan.org/info/plain-doc/csname.txt>
  - *The czhyph package. Hyphenation patterns for Czech.* 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/czhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>
  - *The datestamp package. Fixed date-stamps with LuaLaTeX.* 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/datestamp>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
  - *The deflist package. A variation on the description environment.* 2016-06-24. LICENSE: noinfo. The command evnironment takes an argument, whose width is taken as the maximum width of labels in a -like environment  
 URL: <https://ctan.org/pkg/deflist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>
  - *The defstring package. Define macros as verbatim macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/defstring>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
  - *The devanagari-omega package. Typeset Devanagari with Omega.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/devanagari-omega>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/omega>
  - *The dmhgener package. Equation, figure (etc.) numbering and referencing.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dmhgener>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>
  - *The doublecol package. Double-column page macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth's macros (separately ), by an unknown hand.  
 URL: <https://ctan.org/pkg/doublecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>
  - *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA).* 2022-05-06. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/doulossil>  
 MIRROR: <https://mirror.ctan.org/fonts/doulossil>

- Unknown. *The dow package. Calculate day of week from a numeric date.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dow>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/dow.tex>
- *The dviconcat package. Concatenates DVI files.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dviconcat>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook/Dviconcat>
  - *The dvips-shell package. A dvips Shell for MS-Windows32.* 2016-06-24. LICENSE: nosource. The shell apparently helps you remember what you have forgotten about features.  
 URL: <https://ctan.org/pkg/dvips-shell>  
 MIRROR: <https://mirror.ctan.org/systems/win32/util/dvpsh103.exe>
  - *The eczar package. A font family supporting Devanagari and Latin script.* 2021-04-28. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/eczar>  
 MIRROR: <https://mirror.ctan.org/fonts/eczar>
  - *The EkType-Tanka package. Devanagari fonts by EkType.* 2022-05-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ektype-tanka>  
 MIRROR: <https://mirror.ctan.org/fonts/ektype-tanka>
  - *The endnote package. Generic "endnotes" code.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/endnote>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/endnote.tex>
  - *The espo package. Customisation for Esperanto.* 2016-06-24. LICENSE: noinfo. The package provides a modest set of macros for use in Esperanto documents. The package provides a wider set of macros.  
 URL: <https://ctan.org/pkg/espo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>
  - *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fakebold>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>
  - *The fnote package. Auto-numbered footnotes in Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fnote>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>
  - *The frenchquote package. Make something like guillemets.* 2016-06-24. LICENSE: noinfo. The package defines and which construct objects vaguely like the french quote marks "guillemets", from small versions of the maths symbols and .  
 URL: <https://ctan.org/pkg/frenchquote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>
  - *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection  
 URL: <https://ctan.org/pkg/germdoc>
  - *The gfdl package. Support for using GFDL in L<sup>A</sup>T<sub>E</sub>X.* 2023-01-07. Version 0.1. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/gfdl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gfdl>
  - *The hackalloc package. Make allocations local.* 2016-06-24. LICENSE: noinfo. The package makes allocation (, , etc.) local.  
 URL: <https://ctan.org/pkg/hackalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>
  - *The hep-gen package. Generic macros for quantum physics.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hep-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/hep.tex>
  - *The hereapplies package. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common.* 2022-12-11. Version 1.0.1. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.  
 URL: <https://ctan.org/pkg/hereapplies>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>
  - *The hge package. An "Old English" font.* 2022-04-06. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hge>  
 MIRROR: <https://mirror.ctan.org/fonts/hge>

- Unknown. *The histyle package. A "HighStyle" environment for T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/histyle>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>
- *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/hp2xx>  
 MIRROR: <https://mirror.ctan.org/support/hp2xx>
  - *The hwemoji package. Unicode emoji support for pdfL<sup>A</sup>T<sub>E</sub>X with sequences.* 2022-11-16. Version 1.0. LICENSE: lppl1.3c,cc-by-4  
 URL: <https://ctan.org/pkg/hwemoji>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hwemoji>
  - *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/indent>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>
  - *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/invertedparagraphs>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>
  - *The isolatin1 package. An obsolete means to use ISO 8859-1 with T<sub>E</sub>X.* 2016-06-24. Version 0.9. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/isolatin1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>
  - *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ist21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>
  - *The japanese-mathformulas package. Compiling basic math formulas in Japanese using LuaL<sup>A</sup>T<sub>E</sub>X.* 2022-10-10. Version 1.0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/japanese-mathformulas>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>
  - *The JavaBib package. A BibT<sub>E</sub>X file manager written in Java.* 2016-06-24. Version III. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/javabib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>
  - *The jigsaw package. Draw jigsaw pieces with TikZ.* 2023-02-21. Version 0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/jigsaw>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>
  - *The karta package. Cartographic signs.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/karta>  
 MIRROR: <https://mirror.ctan.org/fonts/karta>
  - *The label-pln package. Print address labels in three columns.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/label-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>
  - *The laps package. Zero-width boxes for annotations, etc.* 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain T<sub>E</sub>X:  
 URL: <https://ctan.org/pkg/laps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>
  - *The letter-plain package. Letter macros for Plain T<sub>E</sub>X.* 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://ctan.org/pkg/letter-plain>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>
  - *The letter1 package. Letter formatting macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/letter1>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/letter1>
  - *The llncs209 package. Macros for Springer books.* 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/llncs209>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>
  - *The longtocline package. Macros to produce a table of contents.* 2016-06-24. LICENSE: noinfo. Defines a macro (3 arguments) that produces a table of contents line rather similar to that provided as standard in L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/longtocline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>

- Unknown. *The ltxmisc package. Miscellaneous L<sup>A</sup>T<sub>E</sub>X packages, etc.* 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/ltxmisc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc>
- *The mandel package. Compute the Mandelbrot set.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mandel>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>
  - *The maple package. Styles and examples for the MAPLE newsletter.* 2016-06-18. Version 1.8. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/maple>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maple>
  - *The marathi package. Typeset Marathi language using X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X.* 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/marathi>  
 MIRROR: <https://mirror.ctan.org/language/marathi>
  - *The mathtime-metrics package. MathTime AFM files.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathtime-metrics>  
 MIRROR: <https://mirror.ctan.org/fonts/mathtime>
  - *The maybeload package. Prevent reloading of files.* 2016-06-24. LICENSE: noinfo. Defines a command `\maybeload`, which will become if it's called for a second or subsequent time with a particular file name.  
 URL: <https://ctan.org/pkg/maybeload>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
  - *The memo-pln package. Plain T<sub>E</sub>X macros for memoranda.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/memo-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>
  - *The mitpress package. Typeset documents for MIT Press.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mitpress>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/mitpress.sty>
  - *The msx2msa package. Simulate msxm and msym fonts using msam and msbm.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/msx2msa>  
 MIRROR: <https://mirror.ctan.org/fonts/vf-files/msx2msa>
  - *The muling package. MA Thesis class for the Department of Linguistics, University of Mumbai.* 2023-04-02. Version 0.5. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/muling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/muling>
  - *The namunsrt package. An unsorted BibT<sub>E</sub>X style with labels provided in the database.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/namunsrt>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/namunsrt.bst>
  - *The nofill package. Preserve spaces and line breaks when setting text.* 2016-06-24. LICENSE: noinfo. The commands and bracket text in which multiple spaces are not collapsed into a single space, and spaces at the start of line are preserved.  
 URL: <https://ctan.org/pkg/nofill>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/nofill.tex>
  - *The ntg package. Dutch T<sub>E</sub>X Users Group information.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ntg>  
 MIRROR: <https://mirror.ctan.org/usergrps/ntg>
  - *The NTS-L package. NTS mailing list digests.* 2016-06-24. LICENSE: digest. This bundle holds postings from the mailing list, from 1992-05 to 1995-01.  
 URL: <https://ctan.org/pkg/nts-l>  
 MIRROR: <https://mirror.ctan.org/info/digests/nts-l>
  - *The obsolete package. A tree holding obsolete software.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete>
  - *The ovalfbox package. Boxes with frames whose corners are rounded.* 2016-06-24. LICENSE: noinfo. The package defines a command `\ovalfbox` which seems more stable to the similar command in the package `amstex`; however, this package retains the problems with the positioning of multiline text in boxes.  
 URL: <https://ctan.org/pkg/ovalfbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>

- Unknown. *The paragraphs package. Paragraph "tricks" macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/paragraphs>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>
- *The pdfmsym package. PDF Math Symbols — various drawn mathematical symbols.* 2023-03-16. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfmsym>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdfmsym>
  - *The plainmisc package. Miscellaneous contributed macros for plain T<sub>E</sub>X.* 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/plainmisc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>
  - *The plcalendar package. Plain macros for making nice calendars.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/plcalendar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
  - *The plfonts package. Polish extension to Computer Modern fonts.* 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
 URL: <https://ctan.org/pkg/plfonts>
  - *The printbib package. Print the contents of a bibliography.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/printbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/printbib>
  - *The psfonts package. PostScript fonts for use with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/psfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts>
  - *The psnfssx-8r package. Raw Type 1 fonts with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/psnfssx-8r>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>
  - *The qms package. VMS tools for controlling QMS printers.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/qms>  
 MIRROR: <https://mirror.ctan.org/dviware/qms>
  - *The quiver package. Draw commutative diagrams exported from <https://q.uiver.app>.* 2023-08-01. Version 1.3.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/quiver>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/quiver>
  - *The quotation package. Typeset an attributed quotation.* 2016-06-24. LICENSE: noinfo. takes two arguments, the quotation itself, and the attribution. The quotation is set as a page-wide , so placement of commands may be useful for best appearance.  
 URL: <https://ctan.org/pkg/quotation>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/quotation.tex>
  - *The redefine package. Conditional macro, etc., definitions.* 2016-06-24. LICENSE: noinfo. Defines commands , and that warn the user if a command is redefined using them (if operating under L<sup>A</sup>T<sub>E</sub>X, is similarly modified). In addition , , , are modified to detect an error if a conditional or register name is reused.  
 URL: <https://ctan.org/pkg/redefine>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>
  - *The rotate package. Rotate T<sub>E</sub>X boxes.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rotate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>
  - *The samples package. Samples of Plain T<sub>E</sub>X coding.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/samples>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples>
  - *The sc21 package. Title page for the old ISO TC97/SC21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>
  - *The sc21-wg1 package. Title page for the old ISO TC97/SC21/WG1 working group.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21-wg1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>
  - *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 (L<sup>A</sup>T<sub>E</sub>X 2.09) document for viewing with something like .



- URL: <https://ctan.org/pkg/screen>  
MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>
- Unknown. *The sentences package. Numbered lists for sentences.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sentences>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
- *The sfwmac package. A set of definitions for Unix system documentation.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sfwmac>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
  - *The sshdbk10 package. Sans headers in book style.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sshdbk10>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
  - *The tabbingbox package. Save a tabbing environment in a box.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/tabbingbox>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
  - *The texcad32 package. Win32 drawing package for mathematical diagrams.* 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
URL: <https://ctan.org/pkg/texcad32>  
MIRROR: <https://mirror.ctan.org/graphics/texcad32>
  - *The Texhax package. Digests of a general T<sub>E</sub>X mailing list.* 2021-08-26. LICENSE: pd  
URL: <https://ctan.org/pkg/texhax>  
MIRROR: <https://mirror.ctan.org/info/digests/texhax>
  - *The texindex package. Simple indexing using standard Unix commands.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/texindex>  
MIRROR: <https://mirror.ctan.org/indexing/texindex>
  - *The tgrind209 package. Support tgrind in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L<sup>A</sup>T<sub>E</sub>X 2.09.  
URL: <https://ctan.org/pkg/tgrind209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>
  - *The thirteen package. Print dates of Friday 13th days.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/thirteen>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>
  - *The threecol package. Three-column newsletter output.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/threecol>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
  - *The tikz-bbox package. Precise determination of bounding boxes in TikZ.* 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikz-bbox>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
  - *The tikz-ext package. A collection of libraries for PGF/TikZ.* 2023-04-02. Version 0.5.1. LICENSE: fdl,lppl  
URL: <https://ctan.org/pkg/tikz-ext>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
  - *The TikZbricks package. Drawing bricks with TikZ.* 2019-09-02. Version 0.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzbricks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
  - *The TikZducks package. A little fun package for using rubber ducks in TikZ.* 2023-04-05. Version 1.6. LICENSE: lppl1.3c. The package is a L<sup>A</sup>T<sub>E</sub>X package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange  
URL: <https://ctan.org/pkg/tikzducks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>
  - *The TikZlings package. A collection of cute little animals and similar creatures.* 2022-06-17. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzlings>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzlings>
  - *The TikZmarmots package. Drawing little marmots in TikZ.* 2019-09-02. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzmarmots>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>
  - *The tikztosvg package. A utility for rendering TikZ diagrams to SVG.* 2021-08-20. Version 0.3.0. LICENSE: gpl3. This package provides a shell script that calls and to convert environments to SVG files.

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MIRROR: <https://mirror.ctan.org/support/tikztosvg>
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URL: <https://ctan.org/pkg/timeline>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
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URL: <https://ctan.org/pkg/tipauni>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
  - *The toc package. Table of contents macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/toc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
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URL: <https://ctan.org/pkg/trademarks>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
  - *The twoside package. Two-side typesetting in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
  - *The UK-T<sub>E</sub>X package. The UK T<sub>E</sub>X digest.* 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/uktex>  
MIRROR: <https://mirror.ctan.org/info/digests/uktex>
  - *The undertilde-gen package. A simple macro for placing a tilde under a character.* 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/undertilde-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>
  - *The unfinished package. Mark unfinished parts of a document.* 2016-06-24. LICENSE: noinfo. The package provides an environment convenient for marking unfinished sections of a document. The environment complains if it thinks the document is not marked as a draft (in the sense of having non-zero.  
URL: <https://ctan.org/pkg/unfinished>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>
  - *The unisc package. Unicode small caps with Lua/XeLaTeX.* 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. L<sup>A</sup>T<sub>E</sub>X 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/XeL<sup>A</sup>T<sub>E</sub>X and a good Unicode font which has the small caps characters, e.g., .  
URL: <https://ctan.org/pkg/unisc>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unisc>
  - *The unitipa package. TIPA typefaces with Unicode characters as input.* 2021-10-22. Version 0.4. LICENSE: gpl3+,fdl. A(n obsolete) package which used to provide a LuaLaTeX based code for converting Unicode IPA input to T3 encoded TIPA typefaces, but it is recommended to use with Xe/LuaL<sup>A</sup>T<sub>E</sub>X instead for a better output.  
URL: <https://ctan.org/pkg/unitipa>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>
  - *The updatemarks package. Extract and update marks from boxes.* 2023-09-11. Version 0.2b. LICENSE: lppl1.3c. This package can help you update marks if you put your title in boxes. It also patches the package to let the new mark mechanism of L<sup>A</sup>T<sub>E</sub>X work (partially).  
URL: <https://ctan.org/pkg/updatemarks>  
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  - *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo  
URL: <https://ctan.org/pkg/util-half>  
MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>
  - *The verbatim-pln package. Define new verbatim "environments" in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>
  - *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
URL: <https://ctan.org/pkg/web9pt>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>

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 URL: <https://ctan.org/pkg/winemtex>
  - *The wntamil package. Tamil to T<sub>E</sub>X converter.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/wntamil>  
 MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
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 URL: <https://ctan.org/pkg/wright>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
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 MIRROR: <https://mirror.ctan.org/fonts/tengwar>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/precattl>
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 URL: <https://ctan.org/pkg/prettytok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prettytok>
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 URL: <https://ctan.org/pkg/pythonimmediate>  
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 URL: <https://ctan.org/pkg/rescansync>  
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 URL: <https://ctan.org/pkg/saveenv>  
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 URL: <https://ctan.org/pkg/hvlogos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>
  - *The hvpygmentex package. Syntax-Highlighting of program code*. 2022-03-08. Version 0.01. LICENSE: lppl1.3c. The package is based on `pygment` but provides an automatic run from within the document itself, with the option `hvpygmentex`. It does not need the additional action by the user to run the external program to create the code snippets.  
 URL: <https://ctan.org/pkg/hvpygmentex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvpygmentex>
  - *The hvqrurl package. Insert a QR code in the margin*. 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: `qr`, `url`, and `url`.  
 URL: <https://ctan.org/pkg/hvqrurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
  - *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit*. 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with `\the` writes the value and the unit without a space. Package `isopt` provides a macro which inserts a user defined space between number and unit.  
 URL: <https://ctan.org/pkg/isopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
  - *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
  - *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib2-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
  - *The LaTeX-Referenz package. Examples from the book "L<sup>A</sup>T<sub>E</sub>X Referenz"*. 2020-06-07. Version 2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-referenz>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
  - *The latex-tabellen package. L<sup>A</sup>T<sub>E</sub>X Tabellen*. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-tabellen>  
 MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>

- Voß, Herbert. *The libertine package. Wrapper to use the correct libertine package according to the used  $\TeX$  engine*. 2021-06-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus>
- *The libertine-otf package. Support for Libertinus OpenType*. 2023-09-21. Version 0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
  - *The luafindfont package. Search fonts in the LuaTeX font database*. 2023-06-24. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luafindfont>  
 MIRROR: <https://mirror.ctan.org/support/luafindfont>
  - *The luaintro package. Examples from the book “Einführung in LuaTeX und LuaLaTeX”*. 2023-08-26. Version 0.03. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luaintro>  
 MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
  - *The luarandom package. Create lists of random numbers*. 2019-06-09. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luarandom>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
  - *The lucida-otf package. Support for the Lucida Bright fonts (OpenType)*. 2023-06-16. Version 0.09. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lucida-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/lucida-otf>
  - *The math-e package. Examples from the book Typesetting Mathematics with  $\LaTeX$* . 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/math-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
  - *The mathesatz-examples package. Examples from the book “Mathematiksatz mit  $\LaTeX$ ”*. 2023-08-03. Version 3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathesatz-examples>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math>
  - *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts*. 2019-06-21. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nexus-otf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>
  - *The pagella-otf package. Using the OpenType fonts  $\TeX$  Gyre Pagella*. 2022-10-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pagella-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
  - *The plex-otf package. Support for the OpenType font IBM Plex*. 2023-09-10. Version 0.08a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/plex-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
  - *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin*. 2019-11-26. Version 0.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/powerdot-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
  - *The presentations package. Examples from the book Presentationen mit  $\LaTeX$* . 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
  - *The presentations-en package. Examples from the book Presentations with  $\LaTeX$* . 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)
  - *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks*. 2023-09-08. Version 2.08. 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://ctan.org/pkg/pst-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
  - *The pst-abspos package. Put objects at an absolute position*. 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
 URL: <https://ctan.org/pkg/pst-abspos>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
  - *The pst-arrow package. Special arrows for PSTricks*. 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
 URL: <https://ctan.org/pkg/pst-arrow>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>

- Voß, Herbert. *The pst-calculate package. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level*. 2019-06-09. Version 0.02. LICENSE: lppl3  
 URL: <https://ctan.org/pkg/pst-calculate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *The pst-dart package. Plotting dart boards*. 2021-09-11. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-dart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
  - *The pst-exa package. Typeset PSTricks examples, with code*. 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
 URL: <https://ctan.org/pkg/pst-exa>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
  - *The pst-feyn package. Draw graphical elements for Feynman diagrams*. 2018-09-29. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-feyn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
  - *The pst-fp package. Fixed-point arithmetic in PSTricks*. 2016-06-24. Version 0.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fp>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
  - *The pst-fractal package. Draw fractal sets using PSTricks*. 2022-10-13. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fractal>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
  - *The pst-func package. PSTricks package for plotting mathematical functions*. 2023-04-14. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-func>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>
  - *The pst-graphics package. A PSTricks-compatible graphics for use with Plain T<sub>E</sub>X*. 2016-06-24. Version 0.02. LICENSE: lppl. The package provides a version of that avoids loading the graphics bundle's (original) package, which clashes with ' use of .  
 URL: <https://ctan.org/pkg/pst-graphics>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-graphics>
  - *The pst-hsb package. Curves with continuous colours*. 2023-04-02. Version 0.03. LICENSE: lppl. This is a -related package. It can plot lines and/or curves with continuous colours. Only colours defined in the hsb model are supported.  
 URL: <https://ctan.org/pkg/pst-hsb>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>
  - *The pst-knot package. PSTricks package for displaying knots*. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-knot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>
  - *The pst-lsystem package. Create images based on a L-system*. 2018-12-31. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-lsystem>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>
  - *The pst-poker package. Drawing poker cards*. 2023-02-13. Version 0.03b. LICENSE: lgpl3. This related package can create poker cards in various manners.  
 URL: <https://ctan.org/pkg/pst-poker>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>
  - *The pst-support package. Assorted support files for use with PSTricks*. 2016-06-24. LICENSE: lppl. An appropriate set of job options, together with process scripts for use with /  
 URL: <https://ctan.org/pkg/pst-support>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/pst-support>
  - *The pst-tools package. PSTricks support functions*. 2021-09-24. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-tools>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>
  - *The pst-turtle package. Commands for "turtle operations"*. 2019-10-05. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-turtle>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>
  - *The pst-venn package. A PSTricks package for drawing Venn sets*. 2018-12-06. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-venn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
  - *The pstricks-examples package. PSTricks examples*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstricks-examples>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)

- Voß, Herbert. *The pstricks-examples-7 package. PSTricks examples files of the 7th edition of the book PSTricks*. 2016-06-24. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-7>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)
- *The pstricks-examples-en package. Examples from PSTricks book (English edition)*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
  - *The schola-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre schola*. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schola-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
  - *The spark-otf package. Support OpenType Spark fonts*. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/spark-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
  - *The tabulars-e package. Examples from the book "Typesetting tables with L<sup>A</sup>T<sub>E</sub>X"*. 2020-06-07. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tabulars-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/tabulars-e>
  - *The termes-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Termes*. 2022-10-17. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/termes-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/termes-otf>
  - *The unitconv package. Convert a length into one with another unit*. 2020-05-13. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unitconv>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/unitconv>
  - *The voss-mathcol package. Typesetting mathematics in colour, in (La)T<sub>E</sub>X*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathcol>  
 MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
  - *The voss-mathmode package. A comprehensive review of mathematics in (La)T<sub>E</sub>X*. 2018-01-06. Version 2.47. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathmode>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
  - *The xfakebold package. Fake a regular font for bold characters*. 2020-06-24. Version 0.08. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfakebold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>
  - *The xhfill package. Extending \hrulefill*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides extended macros for the default command. It allows modification of the width and the colour of the line.  
 URL: <https://ctan.org/pkg/xhfill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xhfill>
  - *The xindex package. Unicode-compatible index generation*. 2023-07-30. Version 0.55. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xindex>  
 MIRROR: <https://mirror.ctan.org/indexing/xindex>
  - *The xurl package. Allow URL breaks at any alphanumerical character*. 2022-01-09. Version 0.10. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xurl>
- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pst-tree package. Trees, using PSTricks*. 2021-09-04. Version 1.14. LICENSE: lppl. pst-tree is a package that defines a macro which offers a structured way of joining nodes created using in order to draw trees.  
 URL: <https://ctan.org/pkg/pst-tree>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>
- *The pstricks-base package. PostScript macros for T<sub>E</sub>X*. 2023-04-30. Version 3.19. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-base>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
- Voß, Herbert and Klaus Höppner. *The dantelogo package. A font for DANTE's logo*. 2016-06-24. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dantelogo>  
 MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits*. 2021-09-10. Version 2.19. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.



- URL: <https://ctan.org/pkg/pst-circ>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via pdfTeX*. 2020-08-26. Version 0.20. LICENSE: gpl2  
URL: <https://ctan.org/pkg/pst2pdf>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>
- Voß, Herbert and Manuel Luque. *The pst-antiprism package. A PSTricks related package which draws an antiprism*. 2018-02-15. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-antiprism>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>
- *The pst-shell package. Plotting sea shells*. 2020-07-29. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-shell>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
  - *The pst-spinner package. Drawing a fidget spinner*. 2023-02-22. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spinner>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>
- Voß, Herbert and Rolf Niepraschk. *The dtk package. Document class for the journal of DANTE*. 2023-07-31. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dtk>  
MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
- *The xltabular package. Longtable support with possible X-column specifier*. 2020-11-04. Version 0.2e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xltabular>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xltabular>
- Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks*. 2023-04-17. Version 3.94. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstricks-add>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>
- Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc*. 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://ctan.org/pkg/pst-coil>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>
- *The pst-eps package. Create EPS files from PSTricks figures*. 2016-06-24. Version 1.0. LICENSE: lppl. Pst-eps is a -based package for exporting PSTricks images ‘on the fly’ to encapsulated PostScript (EPS) image files, which can then be read into a document in the usual way.  
URL: <https://ctan.org/pkg/pst-eps>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>
  - *The pst-grad package. Filling with colour gradients, using PSTricks*. 2016-06-24. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-grad>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>
  - *The pst-text package. Text and character manipulation in PSTricks*. 2018-12-29. Version 1.02. LICENSE: lppl. Pst-text is a based package for plotting text along a different path and manipulating characters. It includes the functionality of the old package pst-char.  
URL: <https://ctan.org/pkg/pst-text>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>
- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms*. 2021-08-26. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/acroterm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acroterm>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams*. 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3  
URL: <https://ctan.org/pkg/tkz-orm>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L<sup>A</sup>T<sub>E</sub>X’s verbatim package*. 2016-06-24. Version 0.7. LICENSE: lppl  
URL: <https://ctan.org/pkg/jvlisting>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia*. 2023-03-18. Version 1.02. LICENSE: lppl1.3c. This package allows easy page layout if marginalia is required. Mid document changes are possible such as: new marginal width, full width text, and landscape text without marginal. Partners well with the package . The package also aids the layout for book printing,



- allowing for binding corrections and adding page bleed, if required.  
 URL: <https://ctan.org/pkg/flexipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flexipage>
- Vrba, Anton. *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://ctan.org/pkg/sidenotesplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns.* 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
 URL: <https://ctan.org/pkg/slhyph>  
 MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks.* 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/matc3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
 URL: <https://ctan.org/pkg/matc3mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script.* 2020-09-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/akshar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/barcodes-vulis>  
 MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week".* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/weekday>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code.* 2021-09-16. Version 1.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/businesscard-qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding.* 2021-09-16. Version 1.0. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/inline-images>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography.* 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
- Wagner, Victor. *The catdoc package. Text extractor for word files.* 2016-06-24. Version 0.90. LICENSE: gpl  
 URL: <https://ctan.org/pkg/catdoc>  
 MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today".* 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://ctan.org/pkg/advdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cnbwp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
 URL: <https://ctan.org/pkg/drawing>  
 MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.

- URL: <https://ctan.org/pkg/ean13isbn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
- Wagner, Zdeněk. *The fillform package. Typeset answers to overprint on printed forms*. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/fillform>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
- *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/makebarcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
  - *The ocr-b-outline package. OCR-B fonts in Type 1 and OpenType*. 2016-06-24. LICENSE: other-free. The package contains OCR-B fonts in Type1 and OpenType formats. They were generated from the Metafont sources of the . The metric files are not included here, so that original ocr-b package should also be installed.  
URL: <https://ctan.org/pkg/ocr-b-outline>  
MIRROR: <https://mirror.ctan.org/fonts/ocr-b-outline>
  - *The xevlna package. Insert non-breakable spaces using XeTeX*. 2018-05-30. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xevlna>  
MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevlna>
  - *The zwgetfdate package. Get package or file date*. 2017-04-18. LICENSE: lppl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
URL: <https://ctan.org/pkg/zwgetfdate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
  - *The zwpagelayout package. Page layout and crop-marks*. 2022-04-18. Version 1.4e. LICENSE: lppl  
URL: <https://ctan.org/pkg/zwpagelayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxvlna package. Insert nonbreakable spaces, using encTeX*. 2018-05-30. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/encxvlna>  
MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
- 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://ctan.org/pkg/devanagari>  
MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/miniplot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/miniplot>
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URL: <https://ctan.org/pkg/wasy>  
MIRROR: <https://mirror.ctan.org/fonts/wasy>
- Wales, Richard B. *The oca package. OCR A font*. 2019-06-21. LICENSE: nosell  
URL: <https://ctan.org/pkg/oca>  
MIRROR: <https://mirror.ctan.org/fonts/oca>
- Wales, Richard B. and Tor Lillqvist. *The ocr-a package. Fonts for OCR-A*. 2018-01-06. LICENSE: nosell  
URL: <https://ctan.org/pkg/ocr-a>  
MIRROR: <https://mirror.ctan.org/fonts/ocr-a>
- Walker, Jim. *The sines package. Calculate sin function values*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sines>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
- Wall, Matthew. *The scorecard package. Format a Baseball scorecard*. 2016-06-24. Version 1.1. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/scorecard>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
- 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://ctan.org/pkg/comp-fonts-faq>  
MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>

- Walsh, Norman. *The HPTfm2pl package. Create T<sub>E</sub>X PL files from HP AutoFont Support*. 2018-01-06. Version 1.0b beta. LICENSE: pd  
 URL: <https://ctan.org/pkg/hp2pl>  
 MIRROR: <https://mirror.ctan.org/support/hp2pl>
- *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://ctan.org/pkg/ljmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>
  - *The macfont package. Convert Apple type 1 fonts for use under Windows*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/macfont>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
  - *The mhack package. Macros for marginal notes, in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mhack>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/mhack.tex>
  - *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://ctan.org/pkg/pkbbox>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/pkbbox>
  - *The tex-it package. Controller for T<sub>E</sub>X processing*. 2019-02-03. LICENSE: gpl. is a perl script for running T<sub>E</sub>X. It examines the log file of the T<sub>E</sub>X run and determines whether T<sub>E</sub>X needs to be run again; it runs BibT<sub>E</sub>X 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://ctan.org/pkg/tex-it>  
 MIRROR: <https://mirror.ctan.org/support/tex-it>
- Walsh, Norman and George Greenwade. *The htm1help package. HTML translation of VMS help files*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/htmlhelp>  
 MIRROR: <https://mirror.ctan.org/info/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://ctan.org/pkg/abc2mtex>  
 MIRROR: <https://mirror.ctan.org/support/abc2mtex>
- Waltman, Marijn. *The lpform package. Typesetting linear programming formulations and sets of equations*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lpform>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lpform>
- Wan, Zhen. *The CQUBeamer package. L<sup>A</sup>T<sub>E</sub>X Beamer Template for Chongqing University*. 2018-05-12. Version 1.0. LICENSE: mit,cc-by-4  
 URL: <https://ctan.org/pkg/cqubeamer>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/cqubeamer>
- Wang, Hsin-Po. *The snaptodo package. A todo that snaps to the closer side*. 2021-11-26. LICENSE: lppl1.3c. This package is an alternative to , from which it differs in the following ways:  
 URL: <https://ctan.org/pkg/snaptodo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/snaptodo>
- Wang, Junwei. *The beamerthemeNord package. A simple beamer theme using the "Nord" color theme*. 2020-08-24. Version 0.2.0. LICENSE: lppl1.3c. This package provides a simple beamer theme using the color theme.  
 URL: <https://ctan.org/pkg/beamerthemenord>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemenord>
- Wang, Qifan. *The mlawriter package. Write MLA style documents in Plain T<sub>E</sub>X*. 2023-07-05. Version 1.1.0. LICENSE: cc0  
 URL: <https://ctan.org/pkg/mlawriter>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/mlawriter>
- Wang, Ran. *The Install-L<sup>A</sup>T<sub>E</sub>X-Guide-zh-cn package. A short introduction to L<sup>A</sup>T<sub>E</sub>X installation written in Chinese*. 2023-10-01. Version 2023.10.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/install-latex-guide-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/install-latex-guide-zh-cn>

- WANG, Xu. *The TikZ-Bagua package. Draw Bagua symbols in Yijing*. 2022-08-12. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-bagua>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bagua>
- Wang, Yue and LingYun Wu. *The zhmetrics package. TFM subfont files for using Chinese fonts in 8-bit T<sub>E</sub>X*. 2016-06-24. Version r206.  
 LICENSE: lppl  
 URL: <https://ctan.org/pkg/zhmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/zhmetrics>
- Warbrick, Jon and Luis Rivera. *The latex-essential package. Essential information for writing L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 03.  
 LICENSE: other-free  
 URL: <https://ctan.org/pkg/latex-essential>  
 MIRROR: <https://mirror.ctan.org/info/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://ctan.org/pkg/btool>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms*. 2018-01-06. Version 3.3.14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/program>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres*. 2016-06-24. Version 1.1. LICENSE: lppl1.3.  
 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://ctan.org/pkg/blochsphere>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/delig>  
 MIRROR: <https://mirror.ctan.org/support/delig>
- Wartenburger, Lucas. *The juraabbrev package. Abbreviations for typesetting (German) juridical documents*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/juraabbrev>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juraabbrev>
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 LICENSE: gpl  
 URL: <https://ctan.org/pkg/jurarsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jurarsp>
- Washburn, Geoffrey. *The otftofd package. Generate control files for OpenType fonts*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/otftofd>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX*. 2023-03-12. Version 1.7b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-dw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/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://ctan.org/pkg/bibleref-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-german>
- *The historische-zeitschrift package. BibL<sup>A</sup>T<sub>E</sub>X style for the journal ‘Historische Zeitschrift’*. 2016-12-02. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/historische-zeitschrift>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/historische-zeitschrift>
- Wawrykiewicz, Staszek and Tomasz Przechlewski. *The tex-virtual-academy-pl package. TeX usage web pages, in Polish*. 2023-07-12.  
 LICENSE: fdl  
 URL: <https://ctan.org/pkg/tex-virtual-academy-pl>  
 MIRROR: <https://mirror.ctan.org/info/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<sup>A</sup>T<sub>E</sub>X 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://ctan.org/pkg/konwerter>  
 MIRROR: <https://mirror.ctan.org/support/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 .)
- URL: <https://ctan.org/pkg/notes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notes>
- Weber, Natalie. *The leipzig package. Typeset and index linguistic gloss abbreviations.* 2019-10-18. Version 2.3. LICENSE: lppl1.3. The leipzig package provides a set of macros for standard glossing abbreviations, with options to create new ones. They are mnemonic (e.g. for accusative, abbreviated). These abbre can be used alone or on top of the package for easy indexing and glossary printing.
- URL: <https://ctan.org/pkg/leipzig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leipzig>
- *The textglos package. Typeset and index linguistic gloss abbreviations.* 2016-06-24. Version 1.0. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/textglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textglos>
- Weber, Olaf and The T<sub>E</sub>X Live Team. *The Web2C package. Conversion programs and supporting code to compile T<sub>E</sub>X in C.* 2022-01-17. LICENSE: gpl
- URL: <https://ctan.org/pkg/web2c>
- Weberndorfer, Christoph. *The srdp-mathematik package. Typeset Austrian SRDP in mathematics.* 2023-05-06. Version 1.12.1. LICENSE: lppl1.3c. This package provides basic commands for the defined formats of the Austrian sRDP (Standardisierte Reife- und Diplomprüfung) in mathematics. Furthermore, it includes ways to implement answers in the file which can optionally be displayed in the file, and it offers a way to vary the answers in order to create different groups (e. g. for tests) easily.
- URL: <https://ctan.org/pkg/srdp-mathematik>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srdp-mathematik>
- Weeks, Andrew, Frank M. Siegert, and Thomas Henlich. *The ttf2pt1 package. Convert TrueType fonts to Adobe Type 1 format.* 2016-06-24. LICENSE: other-free
- URL: <https://ctan.org/pkg/ttf2pt1>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/ttf2pt1>
- Wegner, Dagny and Arnim Wegner. *The harmony package. Typeset harmony symbols, etc., for musicology.* 2016-06-24. LICENSE: lppl. The package harmony.sty uses the packages and from the bundle, together with the L<sup>A</sup>T<sub>E</sub>X font and the font from .
- URL: <https://ctan.org/pkg/harmony>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harmony>
- Weh, Tobias. *The biblatex-musuos package. A BibL<sup>A</sup>T<sub>E</sub>X style for citations in musuos.cls.* 2016-06-24. Version 1.0. LICENSE: lppl. The style is designed for use with the class, but it should be usable with other classes, too.
- URL: <https://ctan.org/pkg/biblatex-musuos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-musuos>
- *The metrix package. Typeset metric marks for Latin text.* 2019-10-09. Version 1.5. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/metrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metrix>
- *The musuos package. Typeset papers for the department of music, Osnabrück.* 2016-06-24. Version 1.1d. LICENSE: lppl
- URL: <https://ctan.org/pkg/musuos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musuos>
- Weh, Tobias and Jonathan P. Spratte. *The menukeys package. Format menu sequences, paths and keystrokes from lists.* 2022-09-07. Version 1.6.2. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/menukeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/menukeys>
- Wehr, Keno. *The beuron package. The script of the Beuronese art school.* 2018-01-18. Version 1.3. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/beuron>  
 MIRROR: <https://mirror.ctan.org/fonts/beuron>
- *The pgf-interference package. Drawing interference patterns with PGF/TikZ.* 2022-01-25. Version 0.1. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package makes it possible to simulate interference patterns occurring on a screen if monochromatic light is diffracted at regular structures of slits. It makes use of the graphics package.
- URL: <https://ctan.org/pkg/pgf-interference>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-interference>



- Wehr, Keno. *The phonenumbers package. Typesetting telephone numbers with L<sup>A</sup>T<sub>E</sub>X*. 2022-07-01. Version 2.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/phonenumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phonenumbers>
- *The schulmathematik package. Commands and document classes for German-speaking teachers of mathematics and physics*. 2023-06-21. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schulmathematik>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schulmathematik>
- Wehr, Keno, Javier Bezos López, Johannes L. Braams, and Claudio Beccari. *Thebabel-latin package. Babel support for Latin*. 2021-06-28. Version 4.0. LICENSE: lppl1.3. The babel-latin package provides the languages , , and . It also defines several useful shorthands as well as some modifiers for typographical fine-tuning.  
 URL: <https://ctan.org/pkg/babel-latin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/latin>
- Wei, Weifan. *The unifront package. Give notes a unique front page for every chapter and section*. 2023-05-11. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/unifront>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unifront>
- Weibull, Nikolai. *The context-bnf package. A BNF module for ConTeXt*. 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-bnf>
- Weinhold, Stephan and Sebastian Pipping. *The xq package. Support for writing about xiangqi*. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xq>  
 MIRROR: <https://mirror.ctan.org/fonts/xq>
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 URL: <https://ctan.org/pkg/b1encoding>  
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 URL: <https://ctan.org/pkg/carolmin>  
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 URL: <https://ctan.org/pkg/chbibref>  
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 URL: <https://ctan.org/pkg/cypriot>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
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 URL: <https://ctan.org/pkg/egothic>  
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 URL: <https://ctan.org/pkg/greek4cbc>  
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 URL: <https://ctan.org/pkg/inslrmin>  
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 URL: <https://ctan.org/pkg/iso10303>  
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 URL: <https://ctan.org/pkg/isorot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isorot>
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 URL: <https://ctan.org/pkg/graphicxpsd>  
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  - *The runtxshebang package. A Lua script running L<sup>A</sup>T<sub>E</sub>X document files with T<sub>E</sub>X-style shebang.* 2023-09-23. Version 0.4. LICENSE: mit  
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 URL: <https://ctan.org/pkg/gentombow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gentombow>
  - *The mathfam256 package. Extend math family up to 256 for pL<sup>A</sup>TeX/upL<sup>A</sup>TeX/Lamed.* 2020-01-23. Version 0.5. LICENSE: bsd3. This package increases the upper limit of math symbols up to 256, using primitives. These primitives were originally introduced in Omega and are currently available in the following formats:  
 URL: <https://ctan.org/pkg/mathfam256>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>
  - *The platex-tools package. pL<sup>A</sup>T<sub>E</sub>X standard tools bundle.* 2023-02-26. LICENSE: bsd3. This bundle is an extended version of the bundle developed by the L<sup>A</sup>T<sub>E</sub>X team, mainly intended to support and . Currently patches for the bundle and Martin Schröder's bundle are included.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edichokey>
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 URL: <https://ctan.org/pkg/nanicolle>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/nanicolle>
  - *The rulerbox package. Draw rulers around a box*. 2019-05-06. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rulerbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
  - *The tetragonos package. Four-Corner codes of Chinese characters*. 2019-01-17. Version 1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tetragonos>  
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 URL: <https://ctan.org/pkg/bxcalc>  
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  - *The bxcjkatype package. Typeset Japanese with pdfL<sup>A</sup>T<sub>E</sub>X and CJK*. 2023-07-22. Version 0.5. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcjkatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxcjkatype>
  - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer*. 2016-12-18. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdpx-beamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
  - *The bxdvidriver package. Enables specifying a driver option effective only in DVI output*. 2022-07-31. Version 0.2a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdvidriver>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
  - *The bxepic package. Epic facilities using pict2e*. 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.  
 URL: <https://ctan.org/pkg/bxepic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxepic>
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 URL: <https://ctan.org/pkg/bxenclose>  
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 URL: <https://ctan.org/pkg/bxjalipsum>  
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  - *The BXjaprnind package. Adjust the position of parentheses at paragraph head*. 2021-06-19. Version 0.4a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjaprnind>  
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  - *The bxjatoucs package. Convert Japanese character code to Unicode*. 2019-10-24. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjatoucs>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
  - *The BXjscls package. Japanese document class collection for all major engines*. 2023-07-17. Version 2.9. LICENSE: bsd2. This package provides an extended version of the Japanese document class collection provided by . While the original version supports only pL<sup>A</sup>T<sub>E</sub>X and uL<sup>A</sup>T<sub>E</sub>X, the extended version also supports pdfL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X, with the aid of suitable packages that provide capability of Japanese typesetting.  
 URL: <https://ctan.org/pkg/bxjscls>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjscls>
  - *The bxnewfont package. Enhanced \newfont command*. 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
 URL: <https://ctan.org/pkg/bxnewfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
  - *The bxorigcapt package. To retain the original caption names when using Babel*. 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names (, , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>
  - *The bxpapersize package. Synchronize output paper size with layout paper size*. 2022-04-29. Version 0.6. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxpapersize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
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 URL: <https://ctan.org/pkg/bxwareki>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
  - *The ifptex package. Check if the engine is pT<sub>E</sub>X or one of its derivatives*. 2023-04-08. Version 2.2c. LICENSE: mit. The package is a counterpart of `ifxetex`, etc. for the engine. The package is an alias to `provided` for backward compatibility.  
 URL: <https://ctan.org/pkg/ifptex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
  - *The ipaex-type1 package. IPAex fonts converted to Type-1 format Unicode subfonts*. 2018-05-13. Version 0.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ipaex-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ipaex-type1>
  - *The jfmutil package. Utility to process pT<sub>E</sub>X-extended TFM and VF*. 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in `fontspec`. The functions currently available include:  
 URL: <https://ctan.org/pkg/jfmutil>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>
  - *The pxbase package. Tools for use with (u)pL<sub>A</sub>T<sub>E</sub>X*. 2023-02-26. Version 1.4. LICENSE: mit. The main purpose of this package is to provide auxiliary functions which are utilized by other packages created by the same author. It also provides a few user commands to assist in creating Japanese documents using `fontspec`.  
 URL: <https://ctan.org/pkg/pxbase>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxbase>
  - *The pxchfon package. Japanese font setup for pL<sub>A</sub>T<sub>E</sub>X and upL<sub>A</sub>T<sub>E</sub>X*. 2023-08-29. Version 2.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxchfon>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>
  - *The pxcjkcat package. L<sub>A</sub>T<sub>E</sub>X interface for the CJK category codes of upT<sub>E</sub>X*. 2022-07-20. Version 1.4. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxcjkcat>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>
  - *The pxjahyper package. Hyperref support for pL<sub>A</sub>T<sub>E</sub>X*. 2023-02-28. Version 1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxjahyper>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjahyper>
  - *The pxjodel package. Help change metrics of fonts from japanese-otf*. 2022-07-31. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxjodel>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>
  - *The pxpgfmark package. e-pT<sub>E</sub>X driver for PGF inter-picture connections*. 2016-12-18. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxpgfmark>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>
  - *The pxrubrica package. Ruby annotations according to JIS X 4051*. 2023-03-02. Version 1.3e. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxrubrica>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxrubrica>
  - *The pxufont package. Emulate non-Unicode Japanese fonts using Unicode fonts*. 2023-07-07. Version 0.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxufont>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxufont>
  - *The zxjafont package. Fallback CJK font support for XeL<sub>A</sub>T<sub>E</sub>X*. 2016-12-18. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/zxjafont>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjafont>
  - *The ZXjafont package. Set up Japanese font families for XeL<sub>A</sub>T<sub>E</sub>X*. 2022-03-21. Version 1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/zxjafont>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjafont>
  - *The ZXjatype package. Standard conforming typesetting of Japanese, for XeL<sub>A</sub>T<sub>E</sub>X*. 2020-01-21. Version 0.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/zxjatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjatype>
- Yavuz, Volkan. *The glosstex package. Prepare glossaries in L<sub>A</sub>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl. GlossT<sub>E</sub>X is a tool for the automatic preparation of glossaries, lists of acronyms and sorted lists in general for use with L<sub>A</sub>T<sub>E</sub>X and MakeIndex. GlossT<sub>E</sub>X combines the functionality of `glossaries` and `glossaries-plain` and provides some new features. Various binaries are available in the `bin` subdirectory.

- URL: <https://ctan.org/pkg/glosstex>  
 MIRROR: <https://mirror.ctan.org/support/glosstex>
- Ye, Lei. *The uowthesis package. Document class for dissertations at the University of Wollongong*. 2016-06-24. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uowthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uowthesis>
- Yi, Qu. *The easybook package. Easily typesetting Chinese theses or books*. 2022-11-08. Version 1.71D. LICENSE: lppl1.3c. is a pure academic template created based on the book document class. It also has the functions of and document class. Combined with the general framework design of the dissertation of many universities in China, providing multiple commands and interfaces allows users to easily customize the thesis template. Its basic macro package easybase can also be used with CTeX and standard document classes.  
 URL: <https://ctan.org/pkg/easybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easybook>
- *The spbmark package. Customize superscripts and subscripts*. 2022-10-15. Version 1.42. LICENSE: cc-by-4. This package provides three commands , and to improve the layout of superscripts and subscripts which can be adjusted with respect to relative position and format, and can be used in text and math mode.  
 URL: <https://ctan.org/pkg/spbmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spbmark>
- Yin, Zhenhao. *The hfutthesis package. L<sup>A</sup>T<sub>E</sub>X Thesis Template for Hefei University of Technology*. 2022-08-02. Version 1.0.4. LICENSE: lppl1.3c. This project is based on the L<sup>A</sup>T<sub>E</sub>X template of Hefei University of Technology compiled on the basis of , in accordance with the latest version of and .  
 URL: <https://ctan.org/pkg/hfutthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hfutthesis>
- You, Jiarui. *The qyxf-book package. Book Template for Qian Yuan Xue Fu*. 2020-09-11. Version 3.1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/qyxf-book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qyxf-book>
- Young, Joel D. *The afthesis package. Air Force Institute of Technology thesis class*. 2016-06-24. Version 2.7. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seuthesis>
- Yuan, Xu and The PGF/TikZ Team. *The pgf-umlcd package. Some L<sup>A</sup>T<sub>E</sub>X macros for UML Class Diagrams*. 2022-05-22. Version 0.3. LICENSE: gpl2,lppl1.3c  
 URL: <https://ctan.org/pkg/pgf-umlcd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-umlcd>
- Zabelin, Anatoly A. *The hoffset-voffset package. Calculate values for \hoffset and \voffset*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hoffset-voffset>  
 MIRROR: <https://mirror.ctan.org/support/hoffset-voffset>
- Zacccone, Rick. *The excalibur package. Macintosh spell checker*. 2017-04-18. Version 4.0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/excalibur>  
 MIRROR: <https://mirror.ctan.org/systems/mac/support/excalibur>
- Zach, Richard. *The bussproofs-extra package. Extra commands for bussproofs.sty*. 2019-06-02. Version 0.4. LICENSE: lppl1.3c. This package provides additional functionality for ; specifically, it allows for typesetting of entire (sub)deductions.  
 URL: <https://ctan.org/pkg/bussproofs-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
- *The fitch package. L<sup>A</sup>T<sub>E</sub>X macros for Fitch-style natural deduction*. 2023-09-11. Version 0.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitch>
- *The keyindex package. Index entries by key lookup*. 2019-05-01. Version 1.0. LICENSE: lppl1.3c. The package provides functionality for producing an index without directly entering index entries into the text using the command, but instead by looking up short keys and printing a predefined string in the main text and adding a corresponding index entry. The standard use case is the production of an index of names.  
 URL: <https://ctan.org/pkg/keyindex>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>
- *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)*. 2019-05-01. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ptolemaicastronomy>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ptolemaicastronomy>
  - *The ucalgmthesis package. L<sup>A</sup>T<sub>E</sub>X thesis class for University of Calgary Faculty of Graduate Studies*. 2023-03-19. LICENSE: mit  
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- Zadka, Moshe. *The viiptart package. 7pt-article class*. 2016-06-24. Version 0.1. LICENSE: other-free. An article-like document class whose is 7pt rather than 10pt.  
 URL: <https://ctan.org/pkg/viiptart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/viiptart>
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 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>
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 URL: <https://ctan.org/pkg/elzcards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elzcards>
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 URL: <https://ctan.org/pkg/factura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/factura>
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 URL: <https://ctan.org/pkg/mathsci2bibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/mathsci2bibtex>
- *The tex2mail package. Converts T<sub>E</sub>X to mailable "ASCII art"*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tex2mail>  
 MIRROR: <https://mirror.ctan.org/support/tex2mail>
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 URL: <https://ctan.org/pkg/figplace>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/figplace.tex>
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 URL: <https://ctan.org/pkg/fancybox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
- *The poster-mac package. Make posters and banners with T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/poster-mac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poster>
- Zandt, Timothy Van, Rolf Niepraschk, and Herbert Voß. *The multido package. A loop facility for Generic T<sub>E</sub>X*. 2018-09-15. Version 1.42. LICENSE: lppl. The package provides the command, which was originally designed for use with . Fixed-point arithmetic is used when working on the loop variable, so that the package is equally applicable in graphics applications like PSTricks as it is with the more common integer loops.  
 URL: <https://ctan.org/pkg/multido>  
 MIRROR: <https://mirror.ctan.org/macros/generic/multido>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seminar>
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URL: <https://ctan.org/pkg/pst-node>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-node>
- Zandt, Timothy Van and Herbert Voß. *The colortab package. Shade cells of tables and halign*. 2018-01-06. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/colortab>  
MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
- *The frame package. Framed boxes for Plain T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: lppl. A jiffy file (taken from ) for placing a frame around a box of text. The macros also provide for typesetting an empty box of given dimensions.  
URL: <https://ctan.org/pkg/frame>  
MIRROR: <https://mirror.ctan.org/macros/generic/frame>
  - *The pst-3d package. A PSTricks package for tilting and other pseudo-3D tricks*. 2016-06-24. Version 1.10. LICENSE: lppl. The package provides basic macros that use for shadows, tilting and three dimensional representations of text or graphical objects.  
URL: <https://ctan.org/pkg/pst-3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
  - *The pst-ovl package. Create and manage graphical overlays*. 2020-05-01. Version 0.07b. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-ovl>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
  - *The pst-plot package. Plot data using PSTricks*. 2022-12-14. Version 1.94. LICENSE: lppl. The package provides plotting of data (typically from external files), using . Plots may be configured using a wide variety of parameters.  
URL: <https://ctan.org/pkg/pst-plot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>
  - *The pst-tvz package. Draw trees with more than one root node, using PSTricks*. 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.  
URL: <https://ctan.org/pkg/pst-tvz>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
  - *The twoup-gen package. Macros to print two-up*. 2020-05-09. Version 1.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/twoup-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/2up>
  - *The xcomment package. Allows selected environments to be included/excluded*. 2019-06-09. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/xcomment>  
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URL: <https://ctan.org/pkg/fancyvrb>  
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- Zannarini, Emanuele and Mauro Sacchetto. *The l2tabu-italian package. Italian Translation of Obsolete packages and commands*. 2016-06-24. Version 2.3. LICENSE: other-free. Italian translation of the practical guide to L<sup>A</sup>T<sub>E</sub>X2e (a list of obsolete packages and commands).  
URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package. DJGPP-based version of T<sub>E</sub>X for MS-DOS*. 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package. Assorted macros for Physicists*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package. Render nahuatl glyphs*. 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts*. 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.



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MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package. Macros for supporting mainly students of FNSPE CTU in Prague.* 2017-09-20. Version 1.2a. LICENSE: lpl
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Xiangdong. *The emoji package. Emoji support in (Lua)LaTeX.* 2021-07-17. Version 0.2.2. LICENSE: lpl1.3c. This package allows users to typeset emojis in L<sup>A</sup>T<sub>E</sub>X documents. It requires the LuaHBTeX engine, which can be called by since T<sub>E</sub>X Live 2020, or in T<sub>E</sub>X Live 2019.
- URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
- *The fduthesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for Fudan University.* 2023-05-27. Version 0.9a. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/fduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
  - *The firamath package. Fira sans serif font with Unicode math support.* 2020-10-15. Version 0.3.4. LICENSE: ofl. Fira Math is a sans-serif font with Unicode math support. The design of this font is based on and . Fira Math is distributed in OpenType format and can be used with the package under X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX. More support is offered by the package.  
URL: <https://ctan.org/pkg/firamath>  
MIRROR: <https://mirror.ctan.org/fonts/firamath>
  - *The noto-emoji package. Noto Emoji fonts.* 2022-03-22. Version 2.034. LICENSE: ofl  
URL: <https://ctan.org/pkg/noto-emoji>  
MIRROR: <https://mirror.ctan.org/fonts/noto-emoji>
  - *The twemoji-colr package. Twemoji font in COLR/CPAL layered format.* 2022-10-28. Version 0.7.0. LICENSE: cc-by-sa-4,apache2. This is a COLR/CPAL-based color OpenType font from the collection of emoji images.  
URL: <https://ctan.org/pkg/twemoji-colr>  
MIRROR: <https://mirror.ctan.org/fonts/twemoji-colr>
  - *The zhlipsum package. Chinese dummy text.* 2020-04-26. Version 1.2.0. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/zhlipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhlipsum>
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- Zhang, Linbo, Wenchang Sun, and Qing Lee. *The cjkpunct package. Adjust locations and kerning of CJK punctuation marks.* 2019-03-02. Version 4.8.4. LICENSE: lpl1.3. The package serves as a companion package for .  
URL: <https://ctan.org/pkg/cjkpunct>  
MIRROR: <https://mirror.ctan.org/language/chinese/cjkpunct>
- Zhang, Ruixi. *The lstfiracode package. Use Fira Code font for listings.* 2018-12-24. Version 0.1c. LICENSE: lpl1.3c. The package defines for the use with the package. This style contains almost all ligatures in Nikita Prokopov's family of fonts.  
URL: <https://ctan.org/pkg/lstfiracode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstfiracode>
- *The zhlineskip package. Line spacing for CJK documents.* 2019-05-16. Version 1.0e. LICENSE: lpl1.3c. This package supports typesetting CJK documents. It allows users to specify the two ratios between the leading and the font size of the body text and the footnote text. For CJK typesetting, these ratios usually range from 1.5 to 1.67. This package is also capable of restoring the math leading to that of the Latin text (usually 1.2 times the font size). Finally, it is possible to achieve the style using .  
URL: <https://ctan.org/pkg/zhlineskip>  
MIRROR: <https://mirror.ctan.org/language/chinese/zhlineskip>
- Zhang, Shenxing. *The HFUTExam package. Exam class for Hefei University of Technology (China).* 2023-03-22. Version 1.8. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/hfutexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hfutexam>
- Zhang, Taihao. *The lectureslides package. Combine single PDF files into one file.* 2022-03-08. Version 1.0. LICENSE: cc-by-4  
URL: <https://ctan.org/pkg/lectureslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectureslides>
- Zhang, Tingxuan. *The fixdif package. Macros for typesetting differential operators.* 2023-03-20. Version 2.1. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/fixdif>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixdif>



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 URL: <https://ctan.org/pkg/pangram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pangram>
- *The physics2 package. Macros for typesetting maths faster and more simply*. 2023-04-02. Version 0.2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/physics2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physics2>
  - *The unimath-plain-xetex package. OpenType math support in (plain) XeTeX*. 2023-03-06. Version 0.2b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/unimath-plain-xetex>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/plain/unimath-plain-xetex>
- Zhang, Yue. *The fixjfm package. Fix JFM (for \*pTeX)*. 2022-07-20. Version 0.8. LICENSE: knuth  
 URL: <https://ctan.org/pkg/fixjfm>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/generic/fixjfm>
- *The ifxptex package. Detect pTeX and its derivatives*. 2017-12-27. Version 0.2. LICENSE: knuth  
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