



## The Treasure Chest

These are the new packages posted to CTAN ([ctan.org](https://ctan.org)) from October 2025–March 2026. Descriptions are based on the announcements, edited for extreme brevity.

Entries are listed alphabetically within CTAN directories. More information about any package can be found at [ctan.org/pkg/pkgname](https://ctan.org/pkg/pkgname).

A few entries which the editors subjectively believe to be especially notable are starred (\*); of course, this is not intended to slight other contributions in any way.

- ◊ Karl Berry  
<https://tug.org/TUGboat/Chest>  
[ctan.org/topic](https://ctan.org/topic)

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### fonts

#### awami in fonts

Collection of Awami Nastaliq fonts.

#### lxgw-fonts in fonts

A free and open source Chinese font family.

#### lydtype in fonts

Platform-agnostic typing in the Lydian alphabet.

#### monospace-otf in fonts

OpenType MonaSpace fonts with `fontspec` support.

#### pennstander-otf in fonts

OpenType Pennstander fonts, with math support.

#### sourcesans in fonts

TeX(-alike) support for Source Sans.

#### sourceserif in fonts

TeX(-alike) support for Source Serif

#### splentinex in fonts

Serif font family based on Plantin and Splentino.

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### graphics/pgf/contrib

#### chempid in graphics/pgf/contrib

Piping and instrumentation diagrams via PGF.

#### corasdiagram in graphics/pgf/contrib

Authoring CORAS risk management diagrams.

#### forest-ext in graphics/pgf/contrib

Fill vertical space with solid rules or dotted lines.

#### kkran in graphics/pgf/contrib

Generate answer fields in tests and exams.

#### svg-animate in graphics/pgf/contrib

Generate animated SVG diagrams with TikZ.

#### tkz-interval in graphics/pgf/contrib

Interval brackets made with TikZ.

#### vexillology in graphics/pgf/contrib

Vexillological (flag-related) symbols.

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### graphics/pstricks/contrib

#### pst-fourbarlinkage in graphics/pstricks/contrib

Draw articulated quadrilaterals, four rods connected by hinges.

#### pst-gears in graphics/pstricks/contrib

Drawing internal and external gears.

#### pst-kepler in graphics/pstricks/contrib

Models for Johannes Kepler's view of the world.

#### pst-massspring in graphics/pstricks/contrib

Animations for two masses connected by a spring.

#### pst-nutation in graphics/pstricks/contrib

Rotation, precession, nutation of the earth.

#### pst-sphericaltrochoid in graphics/pstricks/contrib

Animations of a spherical trochoid.

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### language/chinese

#### luatex-cn in language/chinese

Chinese typesetting, including replication of ancient books.

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### macros/generic

#### tokstools in macros/generic

Tools for manipulating tokens.

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### macros/latex/contrib

#### aspen in macros/latex/contrib

Security protocol (crypto) notation. See article in this issue.

#### bussproofs-colorful in macros/latex/contrib

Color support for the `bussproofs` package.

#### booktabstabular in macros/latex/contrib

Automatic application of the `booktabs` style.

#### cqjtuthesis in macros/latex/contrib

Thesis template for Chongqing Jiaotong Univ.

#### delvierre in macros/latex/contrib

Class for Delvierre publications.

#### deutschesmuseum in macros/latex/contrib

Class for Deutsches Museum publications.

#### dnsrecord in macros/latex/contrib

Typeset DNS records, zone files, etc.

#### drawmgr in macros/latex/contrib

Macros for management of graphics scripts.

#### fixtounicode in macros/latex/contrib

Setting ToUnicode mappings for 7/8 bit fonts.

#### fox-listings in macros/latex/contrib

Definition for `listings` for COSYScript.

#### freemath in macros/latex/contrib

L<sup>A</sup>T<sub>E</sub>X math without backslashes.

#### glossaries-ukrainian in macros/latex/contrib

Ukrainian support for the `glossaries` package.

#### iacrj in macros/latex/contrib

Class for Intl. Assoc. for Cryptologic Research.

#### infufgrs in macros/latex/contrib

Class for the Institute of Informatics of the Univ. Federal do Rio Grande do Sul, Brazil.

#### jouthesis in macros/latex/contrib

Jiangsu Ocean University thesis template.

#### jyu-chem-thesis in macros/latex/contrib

Thesis template for the Department of Chemistry, Univ. of Jyväskylä.

[macros/latex/contrib/jyu-chem-thesis](https://ctan.org/macros/latex/contrib/jyu-chem-thesis)

- `magicthegathering` in `macros/latex/contrib`  
Typesetting content for Magic: The Gathering.
- `makegobbler` in `macros/latex/contrib`  
Keep or drop parts of a  $\LaTeX$  source.
- `memoize-ext` in `macros/latex/contrib`  
Extensions (tagged PDF, `expl3`, ...) for Memoize.
- `metacapture` in `macros/latex/contrib`  
Capture author-supplied metadata.
- `metaphor` in `macros/latex/contrib`  
Conceptual metaphors and their mappings.
- `milestonetimeline` in `macros/latex/contrib`  
Horizontal milestone timeline.
- `modernruler` in `macros/latex/contrib`  
Enhanced rules and annotations with vertical writing support.
- `nxtlatex` in `macros/latex/contrib`  
Classes and themes for NXT at Reutlingen Univ.
- `onlinebrief24` in `macros/latex/contrib`  
DIN 5008 type-B letters for `onlinebrief24.de`.
- `paramcalc` in `macros/latex/contrib`  
Compute font size, letter spacing, picture units, etc., to fit conditions.
- `physics3` in `macros/latex/contrib`  
Easy typesetting of physical formulas.
- `pkginfograb` in `macros/latex/contrib`  
Collect  $\LaTeX$  package information systematically.
- `pyjupyter` in `macros/latex/contrib`  
Lightweight environment for Python code.
- `quickderivs` in `macros/latex/contrib`  
Derivatives and differentials with minimal input.
- `rwth-ci` in `macros/latex/contrib`  
 $\LaTeX$  templates using CI for RWTH Aachen Univ.
- `secretx` in `macros/latex/contrib`  
Put security classification marks in a document.
- `seqcalc` in `macros/latex/contrib`  
Declarative sequent-calculus proofs.
- `sharedline` in `macros/latex/contrib`  
Typeset shared lines in dramatic verse.
- `simplesystemtex` in `macros/latex/contrib`  
Automated file/block handling for large documents.
- `simplex` in `macros/latex/contrib`  
 $\LaTeX$  macros for linguistics.
- `slixte` in `macros/latex/contrib`  
Creating custom slides via Beamer and `TikZ`.
- \* `spotxcolor` in `macros/latex/contrib`  
Modern spot color support for the `xcolor` package.
- `styleitems` in `macros/latex/contrib`  
Independent auto-numbered list labels with `TikZ`.
- `terminalcode` in `macros/latex/contrib`  
Terminal-style code display with ANSI colors, UTF-8 box-drawing, and dark/light themes.
- `tokglobalstack` in `macros/latex/contrib`  
Provides two implementations of global stacks.
- `tokgroupmark` in `macros/latex/contrib`  
Restoring tokens after closing multiple groups.
- `vscodeicons` in `macros/latex/contrib`  
Use VS Code icons through  $\LaTeX$  commands.
- `xmeaning` in `macros/latex/contrib`  
Enhanced version of the `\meaning` primitive.
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- m/l/c/beamer-contrib**
- `beamer-reveal` in `m/l/c/beamer-contrib`  
Convert Beamer slides to `reveal.js` presentations.
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- m/l/c/beamer-contrib/themes**
- `beamertheme-csh` in `m/l/c/b-c/themes`  
For Complexity Science Hub presentations.
- `beamertheme-durham` in `m/l/c/b-c/themes`  
Content-first theme for teaching, research, etc.
- `beamertheme-westlake` in `m/l/c/b-c/themes`  
Inspired by West Lake and Westlake Univ., China.
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- macros/luatex/generic**
- `luakeyval` in `macros/luatex/generic`  
Minimal key/value system for  $\text{Lua}\TeX$  based on `token.scan_key_cs`.
- `lualineno` in `macros/luatex/generic`  
Line numbering in  $\text{Lua}\TeX$ -based formats.
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- macros/luatex/latex**
- `jsonresume` in `macros/luatex/latex`  
Rendering JSON resume data with  $\text{Lua}\LaTeX$ .
- `kkluaverb` in `macros/luatex/latex`  
A Lua-enhanced versatile `\verb` command.
- \* `lua-unicode-math` in `macros/luatex/latex`  
OpenType Math font support for  $\text{Lua}\LaTeX$ .
- `luahyperbolic` in `macros/luatex/latex`  
Hyperbolic geometry in the Poincaré disk model.
- `luwa-ul` in `macros/luatex/latex`  
Underlining and highlighting for Japanese.
- \* `xdvipsk-support` in `macros/luatex/latex`  
 $\text{Lua}\LaTeX$  support for `xdvipsk`, included in  $\TeX$  Live 2026. See article in *TUGboat* 38:2.
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- macros/luatex/optex**
- `parstat` in `macros/luatex/optex`  
Paragraph statistics for  $\text{Op}\TeX$ .
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- macros/unicodetex/latex**
- `fariscovernew` in `macros/unicodetex/latex`  
Arabic and English title (cover) pages.
- `linguistix` in `macros/unicodetex/latex`  
Enhanced support for linguistics.
- `modernnewspaper` in `macros/unicodetex/latex`  
Newspaper-style documents.
- `xstix2` in `macros/unicodetex/latex`  
Extended support for STIXTwo fonts.
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- support**
- `latex-formatter` in `support`  
A  $\LaTeX$  pretty-printer written in Rust.