



The Treasure Chest

This is a selection of the new packages posted to CTAN (ctan.org) from August–October 2018, with descriptions based on the announcements and edited for extreme brevity.

Entries are listed alphabetically within CTAN directories. More information about any package can be found at ctan.org/pkg/pkgname. A few entries which the editors subjectively believe to be of especially wide interest or otherwise notable are starred (*); of course, this is not intended to slight the other contributions.

We hope this column and its companions will help to make CTAN a more accessible resource to the \TeX community. See also ctan.org/topic. Comments are welcome, as always.

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fonts

firamath in **fonts**
Fira sans serif with Unicode math support.

firamath-otf in **fonts**
Fira in OpenType.

libertinus in **fonts**
Wrapper for choosing `libertinus-type1` or `libertinus-otf`.

libertinus-otf in **fonts**
Using Libertinus with (X_Y,Lua) \LaTeX .

libertinus-type1 in **fonts**
Using Libertinus with (pdf) \LaTeX .

graphics

coloremoji in **graphics**
Directly include color emojis in \LaTeX .

jigsaw in **graphics/pgf/contrib**
Draw jigsaw pieces.

metapost-colorbrewer in **g/metapost/contrib/macros/colorbrewer2.org** colors for MetaPost.

pgf-cmykshadings in **graphics/pgf/contrib**
Support for CMYK and grayscale shadings.

pst-feyn in **graphics/pstricks/contrib**
Draw graphical elements for Feynman diagrams.

pst-lsystem in **graphics/pstricks/contrib**
Create images based on a Lindenmayer system.

pst-marble in **graphics/pstricks/contrib**
Draw marble-like patterns.

quantikz in **graphics/pgf/contrib**
Draw quantum circuit diagrams.

rank-2-roots in **graphics/pgf/contrib**
Math drawings arising in representation theory.

info/ptex-manual

info

ptex-manual in **info**
First release of manual for Japanese p \TeX .

language/japanese

bxwareki in **language/japanese/BX**
Convert dates from Gregorian to Japanese calendar.

plautopatch in **language/japanese**
Automated patches for (u)p \LaTeX .

macros/generic

***tex-locale** in **macros/generic**
Localization support for (L^A) \TeX .

macros/latex/contrib

aeb-minitoc in **macros/latex/contrib**
Create mini-TOCs.

chs-physics-report in **macros/latex/contrib**
Lab reports for Carmel (Indiana) High School.

ditaa in **macros/latex/contrib**
Embed ASCII art and convert to images.

grabbox in **macros/latex/contrib**
Read argument into a box and execute later.

hybrid-latex in **macros/latex/contrib**
Allow active Python code in \LaTeX .

kalendarium in **macros/latex/contrib**
Dates according to classical Latin calendar.

kvmmap in **macros/latex/contrib**
Create Karnaugh maps with \LaTeX .

returntograd in **macros/latex/contrib**
Semi-automatic grid typesetting.

srdp-mathematik in **macros/latex/contrib**
Typeset Austrian SRDP in mathematics.

utexasthesis in **macros/latex/contrib**
UT Austin graduate thesis style.

widows-and-orphans in **macros/latex/contrib**
Identify (typographic) widows and orphans.

macros/xetex/latex

facture-belge-simple-sans-tva in **m/xetex/latex**
Simple Belgian invoice without VAT.

thesis-qom in **macros/xetex/latex**
Thesis style for University of Qom, Iran.

support

cluttex in **support**
Automate \LaTeX document processing, with clean directories.

***colorprofiles** in **support**
Collection of free (libre) ICC profiles.

ctanbib in **support**
Make `.bib` entry for CTAN package.

tlcockpit in **support**
GUI frontend to \TeX Live Manager (`tlmgr`).