



The Treasure Chest

These are the new packages posted to CTAN (ctan.org) from September–October 2021. Descriptions are 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 especially notable are starred (*); of course, this is not intended to slight the other contributions.

We hope this column helps people access the vast amount of material available through CTAN and the distributions. See also ctan.org/topic. Comments are welcome, as always.

◊ Karl Berry
<https://tug.org/TUGboat/Chest>

fonts

bboldx in **fonts**

More weights for blackboard board.

nahuatl in **fonts**

Render Nahuatl (native Mexican writing system) glyphs.

***notocondensed** in **fonts**

Support for the condensed variants of the Noto fonts. This package is available through <https://contrib.texlive.info>.

graphics

luastricks in **graphics/pstricks/contrib**

Use PSTricks in Lua \LaTeX with no need for special environments or external commands.

tikz-bagua in **graphics/pgf/contrib**

Draw Yijing (I Ching) or Zhouyi symbols in TikZ.

zx-calculus in **graphics/pgf/contrib**

TikZ library to typeset ZX Calculus diagrams.

info

tex-vpat in **info**

\TeX accessibility conformance report.

macros/latex/contrib

cdcmd in **macros/latex/contrib**

Expandable conditional commands for \LaTeX .

macros/latex/contrib/cdcm

doi.org/10.47397/tb/42-3/tb132chest

clicks in **macros/latex/contrib**

Simulate animation in slide deck.

debate in **macros/latex/contrib**

Insert notes in the form of dialogues.

linenoamsmath in **macros/latex/contrib**

Use `lineno` package together with `amsmath`.

phfcc in **macros/latex/contrib**

Inline commenting for collaborative documents.

phfextendedabstract in **macros/latex/contrib**

Typeset extended abstracts, e.g., for conferences.

***unicodfonttable** in **macros/latex/contrib**

Font tables for Unicode fonts. See articles in this issue.

uwa-colours in **macros/latex/contrib**

Colour palette of the Univ. of Western Australia.

macros/luatex/generic

lua-widow-control in **macros/luatex/generic**

Automatically remove widows and orphans from any document.

lutabulartools in **macros/luatex/generic**

Support commands for `tabular` material.

penlight in **macros/luatex/generic**

The Penlight pure-Lua library for Lua \LaTeX .

macros/luatex/latex

truthtable in **macros/luatex/latex**

Automatically generate truth tables for given variables and statements.

yamlvars in **macros/luatex/latex**

YAML parser (Lua package `tinyyaml`) and support functions to make \LaTeX definitions using YAML.

macros/unicodetex/latex

njuthesis in **macros/unicodetex/latex**

\LaTeX thesis template for Nanjing University.

uwa-letterhead in **macros/unicodetex/latex**

Letterhead of the Univ. of Western Australia.

uwa-pcf in **macros/unicodetex/latex**

Participant Consent Form for human research protocols at the Univ. of Western Australia.

uwa-pif in **macros/unicodetex/latex**

Participant Information Form for same.

macros/xetex/latex

hanzibox in **macros/xetex/latex**

Simplify input of Chinese characters.

zitie in **macros/xetex/latex**

CJK character calligraphy practice sheets.