



The Treasure Chest

These are the new packages posted to CTAN (ctan.org) from August–October 2020, along with a few notable updates. 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 of especially wide interest or otherwise 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.

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dviware

dvivue in **dviware**
Windows viewer for PDF or DVI.

fonts

cmathbb in **fonts**
Computer Modern math blackboard bold, with complete alphabet and numerals.

doulossil in **fonts**
The Doulos SIL font for IPA typesetting.

josefin in **fonts**
Josefin fonts with L^AT_EX support, a geometric sans.

plimsoll in **fonts**
Access to the Plimsoll symbol used in chemistry.

spectral in **fonts**
Spectral fonts with L^AT_EX support, a serif face.

fonts/utilities

ot2woff in **fonts/utilities**
Convert OpenType or TrueType to WOFF.

t1subset in **fonts/utilities**
C++ library to subset Type 1 fonts.

woff2ot in **fonts/utilities**
Convert a WOFF file to OpenType or TrueType.

macros/latex/contrib

centerlastline in **macros/latex/contrib**
“Spanish” paragraphs with last line centered.

decision-table in **macros/latex/contrib**
Decision tables in Decision Model and Notation (DMN) format.

docutils in **macros/latex/contrib**
Support for Docutils reStructuredText sources (docutils.sourceforge.io).

leftindex in **macros/latex/contrib**
Left indices (sub/superscripts) with improved spacing.

nnext in **macros/latex/contrib**
Extensions for the **gb4e** linguistics package.

oup-authoring-template in **macros/latex/contrib**
Template for Oxford University Press journals.

qyxf-book in **macros/latex/contrib**
Book template for Qian Yuan Xue Fu club.

realtranspose in **macros/latex/contrib**
90 degree character transposition.

runcode in **macros/latex/contrib**
Execute any command line tool and typeset its output.

semtex in **macros/latex/contrib**
Deal with stripped SemanT_EX documents.

swfigure in **macros/latex/contrib**
Five display modes for handling figures too large to fit on a single page.

totalcount in **macros/latex/contrib**
Typeset total values of counters (from caption).

xmthesis in **macros/latex/contrib**
Thesis for Xiamen University.

macros/latex/required

latex-firstaid in **macros/latex/required**
Late-breaking compatibility fixes for packages, provided by the L^AT_EX team.

macros/luatex/latex

lua-physical in **macros/luatex/latex**
Pure Lua library providing functions and objects for computing physical quantities.

stricttex in **macros/luatex/latex**
Strictly balanced brackets; allow numbers in command names.

unitipa in **macros/luatex/latex**
Typesetting TIPA fonts with Unicode input.

macros/unicodetex/latex

Barbara Beeton’s column in this issue (p. 260) describes the new CTAN area **macros/unicodetex**.

texnegar in **macros/unicodetex/latex**
Kashida justification improved wrt **xepersian**.

support

light-latex-make in **support**
A build tool for L^AT_EX documents.