



The Treasure Chest

These are the new packages posted to CTAN (ctan.org) from August–October 2022. 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.

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

biblio

`ctan-bibdata` in `biblio`
 Bibliography of CTAN packages; updated daily.

fonts

`cooperhewitt` in `fonts`
 Cross-engine support for the Cooper Hewitt sans serif family, designed for the Smithsonian.

`heros-otf` in `fonts`
 Using the OpenType fonts T_EX Gyre Heros.

`neo-euler` in `fonts`
 OpenType version of Zapf's Euler math fonts.

`pagella-otf` in `fonts`
 Using the OpenType fonts T_EX Gyre Pagella.

`schola-otf` in `fonts`
 Using the OpenType fonts T_EX Gyre Schola.

`termes-otf` in `fonts`
 Using the OpenType fonts T_EX Gyre Termes.

graphics

`chemobabel` in `fonts`
 Convert chemical structures from ChemDraw, MDL or SMILES using Open Babel.

`pgf-periodictable` in `graphics/pgf/contrib`
 Customizable periodic table of elements.

`wheelchart` in `graphics/pgf/contrib`
 Draw wheel charts.

info

`mathtrip` in `info`
 Formulae from different fields of mathematics.

macros/latex/contrib

`abntexto` in `macros/latex/contrib`
 Support for Associação Brasileira de Normas Técnicas (ABNT) standards.

`abspos` in `macros/latex/contrib`
 Absolute placement with coffins.

`colorframed` in `macros/latex/contrib`
 Fix color problems with the `framed` package.

`coolfn` in `macros/latex/contrib`
 Typeset long legal footnotes.

`darkmode` in `macros/latex/contrib`
 Provide `IfDarkMode...` conditionals.

`democodetools` in `macros/latex/contrib`
 Show code and its typeset results.

`docshots` in `macros/latex/contrib`
 T_EX code next to PDF snapshots in `.dtx`.

`eolang` in `macros/latex/contrib`
 Formulas and graphs for the EO language.

`gitstatus` in `macros/latex/contrib`
 Git information as a watermark or variables.

`huaz` in `macros/latex/contrib`
 Automatic Hungarian definite articles.

`jobname-suffix` in `macros/latex/contrib`
 Compile differently based on the filename.

`opencolor` in `macros/latex/contrib`
 Colors from the Open Color library for UI design.

`photobook` in `macros/latex/contrib`
 Support for image-based books.

`ppt-slides` in `macros/latex/contrib`
 Slide decks à la PowerPoint.

`se2thesis` in `macros/latex/contrib`
 KOMA-Script-based thesis class for Software Engineering II, University of Passau (Germany).

`textcsc` in `macros/latex/contrib`
 Typing caps-to-small-caps text.

`udes-genie-these` in `macros/latex/contrib`
 Thesis class for the Faculté de génie at the U. de Sherbrooke (Canada).

`ufrgscca` in `macros/latex/contrib`
 Support for undergraduates at the Federal U. of Rio Grande do Sul (Brazil), Engineering School.

`unigrapub` in `macros/latex/contrib`
 University of Graz Library Publishing Services.

`wargame` in `macros/latex/contrib`
 Preparation of hex and counter wargames.

m/l/c/beamer-contrib/themes

`beamertheme-simpleplus` in `m/l/c/b-c/themes`
 A simple and clean theme.

macros/luatex/latex

`japanese-mathformulas` in `macros/luatex/latex`
 Compiling basic math formulas in Japanese using Lua^AT_EX.

`luatruthtable` in `macros/luatex/latex`
 Generate boolean truth tables in Lua^AT_EX.

`piton` in `macros/luatex/latex`
 Typeset Python listings without external programs. Written in Lua, using LPEG.

support

`texaccents` in `support`
 Convert text accent control sequences to Unicode. Written in Snobol.

[support/texaccents](https://doi.org/10.47397/tb/43-3/tb135chest)