These are the new packages posted to CTAN (ctan.org) from October 2022–April 2023. 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.

⋄ Karl Berry
   https://tug.org/TUGboat/Chest
   https://ctan.org/topic

biblio
bibcop in biblio/bibtex/utils
Style checker for .bib files.

fonts
euler-math in fonts
OpenType implementation of Zapf’s Euler.
gelasio in fonts
Support for Eben Sorkin’s Gelasio fonts, metric-compatible with Georgia.

graphics
emo in graphics
Emoji support for all \LaTeX{} engines.

macros/generic
crossrefenum in macros/generic
Smart handling of cross-reference ranges; supports \LaTeX{}X and Con\TeX{}.
expkv-bundle in macros/generic
Expandable key=val implementation and friends.
pdfsym in macros/generic
More math symbols, including arbitrarily-extendable accents, arrows, etc.

macros/latex/contrib
cleveref-usedon in macros/latex/contrib
Adds forward referencing to cleveref.
cvss in macros/latex/contrib
CVSS scores for IT vulnerabilities.
elektxtdk in macros/latex/contrib
Thesis template for Hungarian TDK conferences.
exam-lite in macros/latex/contrib
Simple exam template.
fistrum in macros/latex/contrib
150 paragraphs of Lorem Fistrum comedian phrases.
gfdl in macros/latex/contrib
Use the GNU Free Documentation License (GFDL).
gradients in macros/latex/contrib
Decorate text with linear gradient colors.
hep-reference in macros/latex/contrib
Adjustments for publications in high energy physics.
hftexam in macros/latex/contrib
Exam class for the Hefei University of Technology.
hwemoji in macros/latex/contrib
Unicode emoji support for pdf\LaTeX{}X with sequences.
ibrackets in macros/latex/contrib
Intelligent brackets for open intervals.

doi.org/10.47397/tb/44-1/tb136chest
jeuxcartes in macros/latex/contrib
   Playing cards from poker or French tarot decks.
jourcl in macros/latex/contrib
   Universal cover letter for journal submissions.
jwjournal in macros/latex/contrib
   Writing personal journals.
korigamik in macros/latex/contrib
   Support for academic projects and lab reports.
lgrmath in macros/latex/contrib
   Use LGR-encoded fonts in math mode.
maze in macros/latex/contrib
   Generate random mazes.
naive-ebnf in macros/latex/contrib
   Typeset EBNF from a plain text notation.
namedtensor in macros/latex/contrib
   Macros for named tensor notation.
osda in macros/latex/contrib
   Open-Source Design Automation proceedings.
overarrows in macros/latex/contrib
   Custom extensible arrows over math expressions.
pagelayout in macros/latex/contrib
   Declarative desktop publishing with \LaTeX{}.
pangram in macros/latex/contrib
   \LaTeX{} package for testing fonts.
physics2 in macros/latex/contrib
   Easier math typesetting.
pythonimmediate in macros/latex/contrib
   Library to run Python code.
recorder-fingering in macros/latex/contrib
   Typeset recorder fingering diagrams.
resmes in macros/latex/contrib
   The measure restriction symbol.
resolsysteme in macros/latex/contrib
   Operate on linear systems with xint or pyluatex.
songproj in macros/latex/contrib
   Beamer slideshows with song lyrics.
tangocolors in macros/latex/contrib
   Use colors from the Tango color palette.
tidyres in macros/latex/contrib
   Multi-column formal resumes.
tramlines in macros/latex/contrib
   Lines above and below titles, for legal documents in the UK.
ukbill in macros/latex/contrib
   Typeset UK legislation.
uol-physics-report in macros/latex/contrib
   Lab reports at the U. of Oldenburg.
uvaletter in macros/latex/contrib
   Unofficial letterhead for the U. of Amsterdam.
writeongrid in macros/latex/contrib
   Grid creation and text positioning on the lines.
zennote in macros/latex/contrib
   Streamline note-taking process.

babel-lithuanian in m/1/c/babel-contrib
   Babel support for Lithuanian.
blopentype in macros/luatex/generic
   Basic \LuaTeX{} OpenType handler.
evangelion-jfm in macros/luatex/generic
   Font metric package supporting many advanced CJK features.
lpars in macros/luatex/generic
   Lua module for parsing key-value options.
lua-tinyyaml in macros/luatex/generic
   Tiny YAML (subset) parser in pure Lua.
tsvtemplate in macros/luatex/generic
   Apply templates to tsv (tab-separated value) files.
luacomplex in macros/luatex/latex
   Perform operations on complex numbers.
luacgd in macros/luatex/latex
   GCD computation.
lualinalg in macros/luatex/latex
   Perform linear algebra operations.
lumaths in macros/luatex/latex
   Perform standard math operations.
luumoduleartables in macros/luatex/latex
   Generate modular addition/multiplication tables.
luaoptions in macros/luatex/latex
   Option handling for Lua\LaTeX{} packages.
luaset in macros/luatex/latex
   Perform set operations.
scikgtex in macros/luatex/latex
   Annotate contributions using XMP metadata.
alchemist in macros/unicodetex/latex
   Typeset alchemy and astrological symbols from Unifont.
unimath-plain-xetex in macros/xetex/plain
   OpenType math support in plain \XeLaTeX{}.
digestif in support
   Editor plugin and language for \LaTeX{}, \TeX{}, Con\TeX{} and Texinfo.
texfindpkg in support
   Install \TeX{} packages via filenames or command/environment names. Supports TL and Mi\TeX{.}