



## The Treasure Chest

This is a list of selected new packages posted to CTAN (<http://ctan.org>) from December 2013 through March 2014, with descriptions based on the announcements and edited for extreme brevity.

Entries are listed alphabetically within CTAN directories. 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 T<sub>E</sub>X community. Comments are welcome, as always.

◇ Karl Berry  
<http://tug.org/ctan.html>

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### fonts

**lobster2** in **fonts**

Family of script fonts.

\***zlm** in **fonts**

Latin Modern Typewriter with all features.

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### graphics

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

Overlay picture elements in Beamer.

**pgf-pie** in **graphics/pgf/contrib**

Draw pie charts with TikZ.

**pgf-umlcd** in **graphics/pgf/contrib**

Draw UML class diagrams with TikZ.

**pst-intersection** in **graphics/pstricks/contrib**

Compute intersections between PostScript paths or Bézier curves using the Bézier clipping algorithm.

**pst-ovl** in **graphics/pstricks/contrib**

Overlay macros for PSTricks.

**repere** in **graphics/metapost/contrib/macros**

MetaPost macros for drawing grids, vectors, functions, statistical diagrams, and more.

**rulercompass** in **graphics/pgf/contrib**

Draw straight-edge and compass diagrams in TikZ.

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

Draw Object–Process Methodology (OPM) diagrams.

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### indexing

**zhmakeindex** in **macros/latex/contrib**

Enhanced `makeindex` for Unicode and Chinese sorting.

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### info

**Practical\_LaTeX** in **info/examples**

Example files for the book *Practical L<sup>A</sup>T<sub>E</sub>X*.

**fonts/lobster2**

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### macros/latex/contrib

**cnbwp** in **macros/latex/contrib**

Format working papers of the Czech National Bank.

**cv4tw** in **macros/latex/contrib**

CV class supporting assets, social networks, etc.

**dccpaper** in **macros/latex/contrib**

Typeset papers for the *International Journal of Digital Curation*.

**graphicxbox** in **macros/latex/contrib**

Use a graphic as a box background.

**koma-script-obsolete** in **macros/latex/contrib**

Obsolete and deprecated packages that are no longer part of KOMA-Script.

**perfectcut** in **macros/latex/contrib**

Brackets with size determined by nesting.

\***pkgloader** in **macros/latex/contrib**

Address package conflicts in a general way. (See article in this issue.)

**refenums** in **macros/latex/contrib**

Referenceable enumerated items.

**rubik** in **macros/latex/contrib**

Typeset Rubik cube notation via TikZ.

**scanpages** in **macros/latex/contrib**

Import and embellish scanned documents.

**sr-vorl** in **macros/latex/contrib**

Template for books at Springer Gabler, Vieweg, and Springer Research.

**tabstackengine** in **macros/latex/contrib**

Allowing tabbed stacking with `stackengine`.

**vgrid** in **macros/latex/contrib**

Overlays a vertical grid on the page.

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### macros/latex/contrib/beamer-contrib

**themes/detlev-cm** in **m/1/c/beamer-contrib**

Originally for the University of Leeds.

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### macros/latex/contrib/biblatex-contrib

**biblatex-manuscript-philology** in **m/1/c/b-c**

Manage classical manuscripts with BIBL<sup>A</sup>T<sub>E</sub>X.

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### support

**convbkmk** in **support**

Correct (u)pL<sup>A</sup>T<sub>E</sub>X PDF bookmarks.

**copac-clean** in **support**

Snobol program to edit Copac/BIBL<sup>A</sup>T<sub>E</sub>X records.

**splint** in **support**

Write LALR(1) parsers in T<sub>E</sub>X using `bison` and `flex`. (See article in this issue.)

**textfot** in **support**

Attempt to reduce online output from (L<sup>A</sup>)T<sub>E</sub>X to interesting messages.

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### systems

**yandy** in **systems/win32**

Y&Y T<sub>E</sub>X, released under the GNU GPL.