The Treasure Chest

This is a list of selected new packages posted to CTAN (http://ctan.org) from July through December 2013, 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 \TeX{} community. Comments are welcome, as always.

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http://tug.org/ctan.html

biblio

besjournals in biblio/bibtex/contrib
For journals published by the British Ecological Society.

fonts

acanthis in fonts
An old style serif font.

alegreya in fonts
A dynamic serif design intended for literature.

anonymouspro in fonts
A monospaced font in several styles.

*fbb in fonts
Bembo-like font based on Cardo.

fandol in fonts
Four fonts for Chinese typesetting. (See article in this issue.)

gillius in fonts
A sans serif inspired by Gill Sans.

merriveather in fonts
Harmonized serif and sans serif design with a large x-height and open forms.

mintspirit in fonts
A distinctive sans serif.

xcharter in fonts
Adds oldstyle figures, small caps, and more to Charter.

graphics

harveyballs in graphics/pgf/contrib
Draw Harvey Balls.

neuralnetwork in graphics/pgf/contrib
Draw neural networks and other colorful graphs.

timing-diagrams in graphics/pgf/contrib
Draw timing diagrams.

language

bcxckjatype in language/japanese/bcxckjatype
Support for Japanese typesetting with pdftex and the cjk package.

kotex-oblivoir in language/korean
Document class for Korean based on memoir.

kotex-plain in language/korean
Typeset Hangul using plain \TeX{}.

kotex-utf in language/korean
Typeset Hangul, with input in UTF-8.

kotex-utils in language/korean
Scripts and support files for index generation and Korean typesetting.

macros/generic

pdf-trans in macros/generic
Transformations of \TeX{} boxes.

macros/latex/contrib

askmaps in macros/latex/contrib
American-style Karnaugh maps.

brandeis-dissertation in macros/latex/contrib
Brandeis dissertations.

embedall in macros/latex/contrib
Attach all source files to the generated PDF.

graphviz in macros/latex/contrib
Write graphviz inline in \LaTeX{} documents.

*grid-system in macros/latex/contrib
Support the grid system as known from HTML and CSS.

gtl in macros/latex/contrib
Manipulate generalized token lists.

guitarchordschemes in macros/latex/contrib
Typeset guitar chord and scale tablatures.

idxcmds in macros/latex/contrib
Indexing with semantic commands.

lexref in macros/latex/contrib
For European law, especially Swiss and German.

lt3graph in macros/latex/contrib
A graph data structure for expl3.

macroswap in macros/latex/contrib
Swap the meaning of two macros by name.

metrix in macros/latex/contrib
Typeset metrics (prosodics) as symbols or above the syllables of a verse.

minorrevision in macros/latex/contrib
Quote and refer to a manuscript for minor revisions.
noindentafter in macros/latex/contrib

Suppress indentation after environments, etc.

pas-cours in macros/latex/contrib

Write math lessons using TikZ.

pas-crosswords in macros/latex/contrib

Typeset crossword grids and definitions.

pas-tableur in macros/latex/contrib

Make spreadsheets using TikZ.

phonrule in macros/latex/contrib

Typeset linear phonological rules as in Chomsky’s *The Sound Pattern of English*.

reflectgraphics in macros/latex/contrib

Fancy reflections for \LaTeX\ graphics.

ribbonproofs in macros/latex/contrib

Draw “ribbon proofs”, a diagrammatic representation of a mathematical proof that a computer program meets its specification.

sslides in macros/latex/contrib

A slides class including header and footer.

translations in macros/latex/contrib

Internationalization of \LaTeX\ \$\times\$ packages.

unravel in macros/latex/contrib

Step through \LaTeX\ code for debugging.

with-macro in macros/latex/contrib

Pass token lists as parameters.

xcjk2uni in macros/latex/contrib

Convert CJK characters to Unicode in pdf\LaTeX.

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\textbf{In memoriam: Jean-Pierre Drucbert (1947–2009)}

Denis Bitouzé, on behalf of GUTenberg

Jean-Pierre Drucbert

GUTenberg, the French \TeX\ user group, has learned with great sadness that Jean-Pierre F. Drucbert passed away on January 25, 2009. Jean-Pierre wrote several notable \LaTeX\ packages, including \texttt{minitoc} and \texttt{xr}; a complete list can be found at \url{http://www.ctan.org/author/drucbert}.

We asked colleagues of Jean-Pierre about his wishes concerning his packages, but they don’t know. Their license (LPPL) allows anybody of good will to undertake their development.

Born in Lille, France, in 1947, Jean-Pierre Drucbert earned a degree in 1970 in engineering at the École Nationale Supérieure de l’Aéronautique et de l’Espace (National School of Aeronautics and Space).

After majoring in computer science, he joined the Centre d’Études et de Recherches de Toulouse” (now ONERA) as a systems engineer, mainly in the field of IT applied to scientific computing. Jean-Pierre set up and administered several generations of computers (including an CII-Iris 80 and Cray XMP), particularly for scheduled computational jobs. Moreover, he provided IT support to hundreds of users, mostly scientists, especially in the field of parallel computing.

Meanwhile, fascinated by the sciences of language and typography, Jean-Pierre showed an early interest in \TeX\ and \LaTeX\. He compiled and installed them on several different systems, from Multics to GNU/Linux through various proprietary Unix systems. He offered to ONERA users a very complete \LaTeX\ manual, including French translation of many packages’ documentation. He contributed for more than twenty years to the \LaTeX\ community by developing packages.

He will be missed.

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