
MAPS 46 (2015)

MAPS is the publication of NTG, the Dutch language T_EX user group (<http://www.ntg.nl>).

MICHAEL GURAVAGE, Redactioneel [From the editor]; pp. 1–2

ERIK FRAMBACH, Memories of Kees; pp. 3–4
[Printed in *TUGboat* 36:2.]

FRANS ABSIL, T_EXShop review; pp. 5–7
[Reprinted in this issue of *TUGboat*.]

WILLI EGGER, TextMate; pp. 8–12

When editing text or code on a Mac, TextMate is an excellent choice. It offers an abundance of features which makes it a great editor for T_EX as well as the macro packages L^AT_EX and ConT_EXt. Editing HTML, XML and CSS is also supported, as are many other programming languages. Specially tagged texts are quick and easy to write, thanks to autocompletion and placing of start and end tags. Further, the editor supports “projects” — a sidebar to the editing window that shows files belonging to the project. Another useful feature is the column selection method and the (near) end of line selection. TextMate offers a clipboard history, so multiple items can be retrieved. TextMate can be customized to a very large extent.

SYTSE KNYPSTRA, T_EXworks; pp. 13–15
[Translated by the author for this issue of *TUGboat*.]

SIEP KROONENBERG, T_EXStudio: speciaal voor L^AT_EX starters [T_EXStudio: Especially for L^AT_EX newbies]; pp. 16–22
[Revised and translated by the author for this issue of *TUGboat*.]

KES VAN DER LAAN, PSlib.eps Catalogue, preliminary and abridged version; pp. 23–86

A selection of PostScript definitions collected in my PSlib.eps library and documented as e-book catalogue is presented. Now and then variant pictures have been included from pic.dat which comes with Blue.tex. Old Metafont code has been included which may be useful for MetaPost programmers. Variants of pictures enriched by post-processing in Photoshop show other possibilities. Escher’s doughnut is a teaser which has to be done in MetaPost. Next to PSlib.eps comes the file PDFsfromPSlib, which contains the pictures in .pdf format. The complete PSlib.eps/PDFsfromPSlib as well as the catalogue as e-book, will be released on occasion of NTG’s 25th anniversary which will be celebrated in the fall of 2014, on www.ntg.nl. A prerelease

will be offered on the GUST file server. The (static) library for T_EX-alone pictures, pic.dat, packaged with Blue.tex, will be redistributed as well.

KES VAN DER LAAN, Spirals in PostScript; pp. 87–97

Curves specified in polar coordinates can be elegantly programmed in PostScript with the rotate command which performs rotations in user space. This has been shown for the Cardioid, the Limaçon, the Lemniscate, the Archimedes and the Growth spiral. The T_EX Gyre logo has been analyzed and imitated in PostScript. Printing of text along spiral-like belts on a sphere in the projection plane has been done, yielding poor man’s typesetting text on a sphere in projection.

HANS HAGEN, SciTE; pp. 98–100

The SciTE editor is now about 15 years old, and still one of the nicest around. This editor is a wrapper around the scintilla editor framework. It is available for free for Windows and Linux, and there is a relatively cheap version for Mac OS X.

HANS HAGEN, Lua in MetaPost; pp. 101–108

How to embed Lua code in MetaPost source, to be immediately executed. For example, for generating graphics from external data.

[Received from Wybo Dekker.]

Eutypon 34–35, October 2015

Eutypon is the journal of the Greek T_EX Friends (<http://www.eutypon.gr>).

In memoriam: Hermann Zapf (1918–2015); pp. 1–13

Texts by Donald E. Knuth, Kaveh Bazargan, Adam Twardoch, Nadine Chahine (*in English*), and George D. Matthiopoulos (*in Greek with English abstract*).

In memoriam: Pierre A. MacKay (1933–2015); pp. 15–19

Texts by Diana Gilliland Wright and Lawrence J. Bliquez. (*In English*.)

DONALD J. MASTRONARDE, GreekKeys: Keyboards and fonts for specialized scholarly use; pp. 21–28

GreekKeys is a custom polytonic Greek keyboard program with accompanying fonts that has been useful—for more than three decades now—to scholars, teachers, and students of the ancient and medieval Greek worlds. GreekKeys fonts and keyboards provide easy access to many specialized

characters (e.g., for metrics, epigraphy, and papyrology) that are absent from most system fonts and that would otherwise have to be entered in roundabout or obscure ways. The latest version (GreekKeys 2015) runs both under Mac OS X and Microsoft Windows, and it includes four different Unicode-encoded OpenType fonts: New Athena Unicode, AtticaU, KadmosU, and BosporosU. (*Article in English.*)

APOSTOLOS SYROPOULOS, Graphics with the TikZ/PGF package; pp. 29–43

Among all solutions for the creation of linear graphics, the author has found that the TikZ/PGF package is the best for use with Unicode-aware typesetting systems like X_YLaTeX and LuaTeX. The article describes the basic principles of use of TikZ/PGF with examples taken from graphs the author created for his own publications. (*Article in Greek with English abstract.*)

GEORGE MATTHIOPOULOS, The Archives of Design of Greece; pp. 45–50

The Archives of Design of Greece were founded in 2012 as a non-profit corporation, with the objectives of collecting, indexing and classifying all archival material related to Visual Communication in Greece. The Archives are already open to the public through the website www.archivesofdesign.gr. The first public presentation of the Archives was done at the House of the Onassis Foundation in Athens on October 22, 2015. (*Article in Greek with English abstract.*)

APOSTOLOS SYROPOULOS, TeXniques: Rotations with Rubik's cube; pp. 51–56

One note explains how to verify with LaTeX if a particular command or application exists in the operating system, and then to take appropriate action with LaTeX. Another note explains how to make TeX convert token sequences into something different, e.g., to convert D2 into two printed D's. (*Article in Greek.*)

DIMITRIOS FILIPPOU, Book presentations; pp. 57–58

Short appraisal of two books:

- (i) Dimitris Legakis, *For a Publishers' Archive of Typography, Design, Graphic Arts and Advertising*, The Archives of Design of Greece, Athens 2015 (book in Greek); and
- (ii) Stefan Kottwitz, *LaTeX Cookbook*, Packt Publishing, Birmingham, UK 2015. (*Article in Greek.*)

[Received from Dimitrios Filippou and Apostolos Syropoulos.]

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