

Abstracts

MAPS 35 (Spring 2007)

MAPS is the publication of NTG, the Dutch language \TeX user group. Their web site is <http://www.ntg.nl>.

HANS HAGEN, TACO HOEKWATER, The MPlib Project; p. 4

MetaPost as a reusable component.

HANS HAGEN, Tokens in Lua \TeX ; pp. 5–8
Discussion of token parsing in Lua \TeX .

TACO HOEKWATER, Integrating the pool file; pp. 9–10

This short article discusses the method that is used in MetaPost and Lua \TeX (since adopted in all other \TeX family programs) to integrate the string pool file into the program.

This method allows the redistribution of a single updated executable in place of both a program and a data file, and this makes updating those programs easier on both the user and the developer.

WILLI EGGER, PGF/TikZ; pp. 11–17

For those who are looking for an alternative to external graphic drawing tools, PGF/TikZ offers a wealth of possibilities. PGF is a macro package that, together with its user interface TikZ, comprises a kind of ‘graphics language’ to build graphics inside the text as inline graphics or as pictures of larger size. PGF was originally written for \LaTeX , but it is now also available for use within Con \TeX t. The package comes with a large set of libraries for different kinds of graphics. There is extensive documentation and a tutorial. For support a mailing list and web site are available. Users of the package with Con \TeX t have to install the xkeyval package version 1.8. PGF and TikZ are distributed under the GNU Public License version 2.

EXTERNAL GRAPHICS FOR \LaTeX , Siep Kroonenberg; pp. 18–26

In this article, we discuss graphics file formats, software to create graphics, and procedures to convert them to \LaTeX and pdf \LaTeX -compatible formats.

HANS HAGEN, TACO HOEKWATER, Review: Alphabetgeschichten; pp. 27–29
[Printed in *TUGboat* 28:2.]

RICHARD HIRSCH, Folding Sheets for a Modular Origami Dodecalendar; pp. 30–36

Twelve square sheets of paper can be folded in such a way that they can be assembled to a pentagon dodecahedron (origami). The single units are called modules, hence the name modular. If the sheets bear calendrical information at the right places, the dodecahedron shows the calendar for each month on its faces: the dodecalendar.

In this article we let MetaPost calculate piece by piece the information that needs to be printed on the module paper to enable us to fold the modules and assemble the dodecahedron.

MOJCA MIKLAVEC, Con \TeX t user meeting 2007; pp. 37–42
[Printed in *TUGboat* 28:2.]

MICHAEL GURAVAGE, EuroBachoTeX 2007; pp. 43–50
[Printed in *TUGboat* 28:2.]

FRANS GODDIJN, MiK \TeX installeren valt erg mee [Installing MiK \TeX easier than expected]; pp. 51–54

The author’s personal experiences installing MiK \TeX .

[Received from Taco Hoekwater]