

MAPS 36–37 (2008)

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

MAPS 36 (Spring 2008)

TACO HOEKWATER, Redactioneel [From the editor]; p. 1
Overview.

TACO HOEKWATER, TUG conference 2008; p. 2
Announcement of the TUG annual meeting for 2008 in Cork, Ireland.

WILFRED VAN ROOIJEN, Typesetting CJK and other exotic characters using \LaTeX and \XeLaTeX ; pp. 3–12

This paper tries to illustrate some of the particulars of typesetting CJK characters using several flavors of \LaTeX . Special attention is given to Japanese. A short introduction is given about the nature of the character scripts and the special demands those alphabets put on character and font encodings. Typesetting Japanese using \p(te)\TeX , \LaTeX , Lambda, and \XeLaTeX is discussed. Special attention is paid to \XeLaTeX , and the possibilities of including annotation markup and vertical typesetting of Japanese text using \XeLaTeX . It will be shown that although typesetting vertical material is possible with \XeTeX v0.997, more development work will be needed in this area to create a dependable vertical typesetting system.

JELLE HUISMAN, Met \XeTeX meertalig [Going multilingual with \XeTeX]; pp. 13–17

This article is an adaptation of the lecture I gave at the NTG spring meeting of 8 June 2007. This article begins with a little background information about languages, scripts, and fonts. The second part of the article gives some examples of multilingual use of \TeX , using \XeTeX .

[Translation of Dutch abstract.]

PIET VAN OOSTRUM, What is it about all those *TeX s; pp. 18–21

This short article describes the different ‘layers’ in a \TeX system, the differences between \TeX engines, extensions, macro packages, and distributions. I hope to take away some of the confusion that people new to \TeX and less technically inclined people have when they are confronted with terms like ‘pdf \TeX ’, ‘texlive’, ‘tetex’, ‘miktex’, ‘pdflatex’ and so on.

ULRIK VIETH, Book Review: *Fonts and Encodings*; pp. 22–23

[Published in *TUGboat* 29:2.]

LUIGI SCARSO, On reading *Fonts and Encodings*; p. 24

Stated briefly: “Should I buy this book?” Yes!

HANS HAGEN, Latin Modern Nederlands [Support for Dutch in Latin Modern]; pp. 25–26

This article discusses how some typical Dutch language related typesetting issues are dealt with in Latin Modern by means of the language and script tags.

ADITYA MAHAJAN, Theorems in \ConTeXt ; pp. 27–32

This article explains some of the recent advancements in \ConTeXt enumeration mechanism that handles most of the requirements of theorem-like constructions.

HANS VAN DER MEER, Exam papers; pp. 33–38

Exam is a module for consistent production and maintenance of student examinations. Provided for are various types of questions such as with long and small answers, yes/no questions and multiple choice.

ROLAND SMITH, Revision control for \TeX documents; pp. 39–42

Revision control is the management of multiple versions of the same unit of information. Originating in formalized processes in engineering, it was first automated for managing source code for computer software. Since \TeX documents are like source code, they lend themselves well to being managed by a revision control system. Systems like RCS and git are very suitable for single writers working on their own projects. More elaborate systems like CVS and Subversion are more suited for groups cooperating on projects. It takes more effort to master them. For most single users, git is the best alternative for multi-file projects, followed by RCS for working on single \TeX files.

HANS HAGEN, The luafication of \TeX and \ConTeXt ; pp. 43–50

[Published in *TUGboat* 29:2.]

FRANS GOODIJN, DHZ boek [Do-it-yourself book]; pp. 51–52

It is becoming easier to produce a book, while for publishers it is less interesting to invest in new authors. Publishing on your own looks natural, but if you want to do it beautifully, it is a challenge.

DAVE WALDEN, Notes on self-publishing; pp. 53–64

This note summarizes what I have learned about self-publishing.

TACO HOEKWATER, ConTeXt conference 2008; p. 65

Announcement of the ConTeXt annual meeting for 2008 in Bohinj, Slovenia.

TACO HOEKWATER and HANS HAGEN, MetaPost library project; pp. 66–68

This paper documents the target and implementation milestones of the MetaPost library project (MPlib). [Related material was published in *TUGboat* 29:3.]

TACO HOEKWATER and HANS HAGEN, The MetaPost library; pp. 69–81

[Published in *TUGboat* 29:3.]

HANS HAGEN and TACO HOEKWATER and VOLKER SCHAA, Reshaping Euler; pp. 82–84

[Published in *TUGboat* 29:2.]

HANS VAN DER MEER, Blocks and arrows with MetaPost; pp. 85–89

Typesetting of blocks and arrows in ConTeXt with MetaPost.

MAPS 37 (Fall 2008)

TACO HOEKWATER, Redactioneel [From the editor]; p. 1

Overview.

TACO HOEKWATER, TUG conference 2009; p. 2

Announcement of the TUG annual meeting for 2009 at the University of Notre Dame, Indiana, USA.

HANS HAGEN, The TeX–Lua mix; pp. 3–11

[Published in *TUGboat* 29:3.]

MOJCA MIKLAVEC and ARTHUR REUTENAUER, Putting the Cork back in the bottle; pp. 12–16

[Published in *TUGboat* 29:3.]

TACO HOEKWATER, PDF genereren voor e-readers [PDF generation for e-readers]; pp. 17–24

Notudoc is a commercial Internet application that ConTeXt uses for the on-the-fly generation of PDF documents, for the e-readers from IREX Technologies, and more. This article gives a look behind the scenes.

[Translation of Dutch abstract.]

HANS HAGEN, Dealing with XML in ConTeXt MkIV; pp. 25–39

The tree-based method of handling XML in MkIV.

WILLI EGGER, Printing labels with ConTeXt; pp. 45–47

Sometimes one needs to print a single label which will be glued onto a package, a large envelope or for the identification of a box. In certain

situations one wants to produce a series of identical labels or one needs to typeset whole databases of addresses. ConTeXt offers the possibility of using an *XY*-arranging procedure to print on each of the labels being present on a sheet. Here a possible approach is presented for labels of the size 105 x 42.3mm, i.e. 14 labels on an A4 sheet. It is shown how to print a single label but also how to get multiple copies of the same content and how to prepare sheets of labels containing the addresses of a database.

HANS VAN DER MEER, CD and DVD covers in ConTeXt; pp. 48–54

Production of CD and DVD covers in several variations using ConTeXt.

TACO HOEKWATER and HANS HAGEN, Punk from Metafont to MetaPost; pp. 55–58

To make Knuth's punk font usable with ConTeXt MkIV, it had to be converted from Metafont to MetaPost input. This article highlights the most important changes that had to be made in the conversion process.

HANS HAGEN and TACO HOEKWATER, How to convince Don and Hermann to use LuaTeX; pp. 59–66

Using the newly randomized punk font.

HANS HAGEN, The Punk module; pp. 67–69

The Punk module in ConTeXt.

JONATHAN KEW, TeXworks: Lowering the barrier to entry; pp. 70–72

[Published in *TUGboat* 29:3.]

NORBERT PREINING, TeX Live 2008 and the TeX Live Manager; pp. 73–89

TeX Live 2008 has been released recently, and the DVDs are ready to go gold. This is the first release of TeX Live shipping the TeX Live Manager, *tlmgr* for short. Besides taking over some of the tasks from *texconfig* (which has never been available for Windows) it finally brings many new features to the TeX Live world, most importantly the option for dynamic updates. This article will present the new TeX Live Installer, the TeX Live Manager, and at the end lists other changes in TeX Live 2008.

TACO HOEKWATER, EuroTeX conference 2008; p. 90

Announcement of the EuroTeX (and ConTeXt) 2009 meeting in The Hague, The Netherlands.

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