MAPS 32, Spring 2005

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

WYBO DEKKER, Redactioneel [From the editor]; pp. 1–2

Overview of the issue's contents and errata.

PIET VAN OOSTRUM, Een uittreksel uit de recente bijdragen in het CTAN archief [A selection from the recent contributions to the CTAN archive]; pp. 3–5

This article describes a number of recent contributions to the CTAN archive. The selection is based on what I find interesting and what I think others will find interesting. It is thus a personal choice. There is no intention of giving a complete overview. Consider this a kind of menu to whet the appetite of the curious.

[Translation of author's abstract]

CTAN TEAM, CTAN plans; pp. 6–8

The readers of *TUGboat* likely know the Comprehensive TEX Archive Network as a great pile of TEX stuff. That is, it is full of TEX materials, and it is great, but it is also something of a pile—a bit of a mess. We will sketch some plans for improving CTAN. As part of that, we will outline its architecture, history, and some present issues.

[Authors's abstract]

METAPOST TEAM, METAPOST developments — Spring 2005; pp. 9–13

The METAPOST development team is pleased to announce version 0.9 of METAPOST. This article documents the changes since the previous version, and provides a roadmap for future development.

[Authors's abstract]

Adam T. Lindsay, Font Variants; pp. 14–15

Font Variants are a new (meta-)feature in ConTeXt, offering the opportunity of easier access to advanced or unusual font features, without the hassle of using full typescript switches. This article briefly runs through the basic theory and practice of so-called font variants, and gives a few strategies for adapting it for your own uses.

[Author's abstract]

Adam T. Lindsay, Euler in use; pp. 16–25

The Euler math font was designed by Hermann Zapf. ConT_FXt support was limited until now. We

show how to use the Euler-VM LATEX package in combination with some new math definitions and type-scripts to give a more informal look to your equations.

[Author's abstract]

TACO HOEKWATER, Lettrines for ConTEXt; pp. 26–28

The ConTEXt module lettri is a port of the IATEX package lettrine by Daniel Flipo that provides a way to typeset dropped capitals at the beginning of paragraphs.

[Author's abstract]

STEVE PETER, TEX and linguistics; pp. 29-34

TEX has long been associated with mathematics and "hard" sciences such as physics. But even during the early days of TEX, linguists were attracted to the system, and today a growing number of them are turning to TEX (LATEX, ConTEXt). Aside from the general advantages of TEX for producing academic papers, it offers linguists largely intuitive means for dealing with often complex notational issues. In this paper, an abbreviated version of my Practical TEX 2004 talk, I show some notational issues and their solutions in TEX. [Author's abstract]

TACO HOEKWATER, Controlling Acrobat Reader under X11; p. 35

The command-line programs pdfopen and pdfclose allow you to control the X Window System version of Adobe Acrobat Reader from the command line or from within a script. [Author's abstract]

OSCAR BOOT and FRANS ABSIL, Met XMLvan database naar LATEX [From database to LATEX via XML]; pp. 36–43

In this article we discuss the automated production of the technical science bachelor's degree program book at the Higher Defense Institute (HDO in Dutch). An important aspect is the conversion of Microsoft access database to LATEX tables and appendices in the final documentation: XML files are used as an intermediate step.

[Translation of authors's abstract]

HENDRI HONDORP, Bundeling van conferentieverslagen [Creation of conference proceedings]; pp. 44–49

This article describes how proceedings for a conference or workshop can be produced with pdfIATEX and the packages pdfpages, fancyhdr, and hyperref.

[Translation of author's abstract]

Frans Goddijn and Hendri Adriaens, ... three, two, one ...; pp. 50–51

This article briefly describes the seemingly trivial task of numbering items in a list with decreas-

ing numbers, starting with the number equal to the amount of items in the list. [Author's abstract]

KAREL H. WESSELING, Compiling METAPOST figures under ConT_EXt; pp. 52–55

To teach yourself METAPOST, the book "Learning METAPOST by Doing" by André Heck is probably unsurpassed. However, the examples therein are processed on Unix using IATEX. ConTEXt users have a bit of detective work to do before they can have successful compilations. If you are new to ConTEXt, the lines below may help save your a few hours of experimenting. These instructions were extracted from the MetaFun manual by Hans Hagen (from chapters 1, 2 and 3), and from a small macro that he once gave me that makes it possible to use the graph package by John Hobby.

[Author's abstract]

ANDRÉ HECK, Learning METAPOST by doing; pp. 56–117

This course is only meant as a short, handson introduction to METAPOST for newcomers who want to produce rather simple graphics. The main objective is to get students started with METAPOST on a Unix platform. [Author's abstract]

JANUSZ NOWACKI, Antykwa Toruńska; pp. 118–132

Presentation of the Antykwa Toruńska typeface designed by Zygfryd Gardzielewski and digitized by GUST, the Polish T_EX Users Group.

ERNST VAN DER STORM, Variabele faxdocumenten aanmaken in LATEX [Generating variable fax documents with LATEX]; pp. 133–137

I describe how IATEX is used as a link between an existing company application and a fax server; data is exported automatically to a IATEX document. [Translation of author's abstract]

ERNST VAN DER STORM, Stroomdiagrammen maken met flow [Making flow charts with flow]; pp. 138–140

flow is a handy program to make flow charts; by means of \write18, it can be called from within a LATEX document so that possible modifications appear automatically.

[Translation of author's abstract]

TACO HOEKWATER, Verslag EuroT_EX 2005 [Report on EuroT_EX 2005]; pp. 141–148

A report on the 16th annual EuroTEX conference, held in Pont-à-Mousson, March 7–11, 2005.

[Translation of author's abstract]

[Compiled by Steve Peter]