
MAPS 38–39 (2009)

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

MAPS 38 (Spring 2009)

TACO HOEKWATER, Redactioneel [From the editor]; pp. 1–2
Overview.

ULRIK VIETH, Do we need a ‘Cork’ math font encoding?; pp. 3–11
[Published in *TUGboat* 29:3.]

ULRIK VIETH, OpenType Math Illuminated; pp. 12–21
[Published in *TUGboat* 30:1.]

TACO HOEKWATER, Math in LuaT_EX 0.40; pp. 22–31

The math machinery in LuaT_EX has been completely overhauled in version 0.40. The handling of mathematics in LuaT_EX has been extended quite a bit compared to how T_EX82 (and therefore pdfT_EX) handles math. First, LuaT_EX adds primitives and extends some others so that Unicode input can be used easily. Second, all of T_EX82’s internal special values (for example for operator spacing) have been made accessible and changeable via control sequences. Third, there are extensions that make it easier to use OpenType math fonts. And finally, there are some extensions that have been proposed in the past that are now added to the engine.

HANS HAGEN, Unicode math in ConT_EXt; pp. 32–46

This article is complementary to Taco Hoekwater’s article about the upgrade of the math subsystem in LuaT_EX. In parallel (also because we needed a testbed) the math subsystem of ConT_EXt has been upgraded. In this article I will describe how we deal with Unicode math using the regular Latin Modern and T_EX Gyre fonts and how we were able to clean up some of the more nasty aspects of math.

HANS HAGEN and TACO HOEKWATER and HARTMUT HENKEL, LuaT_EX—Halfway; pp. 47–50
[Published in *TUGboat* 30:2.]

ADITYA MAHAJAN, T_EX programming: The past, the present, and the future; pp. 51–56

This article summarizes a recent thread on the ConT_EXt mailing list regarding table typesetting. To make the article interesting, I have changed the question and correspondingly modified the solutions.

PAWEŁ JACKOWSKI, T_EX beauties and oddities; pp. 57–62

The BachoT_EX 2009 conference continued the Pearls of T_EX Programming open session, introduced in 2005, during which volunteers present T_EX-related tricks and short macros.

SIEP KROONENBERG, Doe-het-zelf presentaties [Do-it-yourself presentations]; pp. 63–65

This article shows how one can produce presentations in one’s own style, without making use of dedicated presentation packages.

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EuroT_EX 2009 proceedings, a.k.a. *TUGboat* 30:3.

[Received from Wybo Dekker.]

Baskerville 10.2, October 2009

Baskerville is the journal of the UK-T_EX Users’ Group (<http://uk.tug.org>).

JONATHAN WEBLEY, Editorial; Events; News; pp. 2–3

Editor’s introduction; announcement of TUG 2010; an update of the T_EX FAQ, and note on the MathTran web site.

JONATHAN WEBLEY, The Hound; p. 3

A “somewhat easy”, cryptic crossword (solution later in the issue).

JOSEPH WRIGHT, siunitx: A L^AT_EX Swiss army knife for units; pp. 3–6

Reprinted in this issue of *TUGboat*.

JOSEPH WRIGHT, L^AT_EX for chemists: filling in the gaps; pp. 6–9

New and existing packages for chemists.

JONATHAN WEBLEY, An introduction to the Greek alphabet; pp. 9–12

Background of and typesetting with the Greek alphabet.

[Received from Jonathan Webley.]