Die TEXnische Komödie 1/2019

Die TEXnische Komödie is the journal of DANTE e.V., the German-language TEX user group (`dante.de`). (Non-technical items are omitted.)

Christoph Gröninger, LATEX-Compiler in CMake-Projekten verwenden [Using a LATEX compiler in CMake-Projects]; pp. 13–17

In larger C++ projects one often uses the CMake build system to invoke the compiler and linker in different settings. If there is LATEX-based documentation it will probably be compiled with CMake as well. For this purpose the two projects `UseLATEX.cmake` and `UseLatexMk` were created. This article describes their use.

Taco Hoekwater, Wie installiere ich eine Schrift für ConTEXt? [How to install a font for ConTEXt?]; pp. 17–30

Installing a new font family for ConTEXt is not especially difficult for experienced users, but newbies usually struggle a little. This article describes the process based on the freely available IBM Plex font.

Herbert Voss, Rekursive Aufrufe am Beispiel von Abkürzungen [Using recursion for abbreviations]; pp. 31—34

Recursion is a commonly used strategy to solve problems in programming. Since TEX is Turing-complete, recursion can be used here as well. In this article we show the process with an example to generate abbreviations.

Markus Kohm, Ergänzung zum Beitrag „KOMA-Script für Paketautoren . . . “ [Supplement to the article “KOMA-Script for package authors . . . ”]; pp. 34–36

This article is a supplement to the mentioned article in DTK 4/2018. Due to some adjustments in the `nomencl` package there are some changes described in this article.

Herbert Voss, Schriften für mehrsprachige Texte [Fonts for multi-lingual texts]; pp. 37—38

The Noto font, developed by Google, is available in so many versions that the compressed archive has more than one gigabyte. In a TEX Live or MiKTEX full installation, the most important fonts are included as OpenType fonts.

Herbert Voss, Garamond-Math; pp. 38–40

With Garamond-Math there is a new OpenType font for typesetting mathematical content.

[Received from Herbert Voß.]

Zpravodaj 2018/1–4

Zpravodaj is the journal of CSTUG, the TEX user group oriented mainly but not entirely to the Czech and Slovak languages (`cstug.cz`).

Vít Novotný, Příprava Zpravodaje CSTUG [Preparing the CSTUG Bulletin]; pp. 1–10

The article describes the structure, the typesetting and the preflight of the CSTUG Bulletin. We take a detailed look at the journey of a manuscript to the readers' mailboxes. The author has been the editor of the CSTUG Bulletin since 2016.

Michael Hoftich, Publikování z LATEXu na web pomocí TEX4ht [LATEX to web publishing using TEX4ht]; pp. 11–21

[Reprinted in this issue of *TUGboat*.]

Marek Pomp, Tabulky v dobře dokumentovaných statistických výpočtech [Tables in well-documented statistical calculations]; pp. 22–37

The article describes the method of publishing well-documented statistical calculations using the R software. It is especially about creating tables using `knitr` and `kableExtra`.

Hans Hagen, LuaTEX version 1.0.0; pp. 38–42

[Printed in *TUGboat* **37**:3.]

Hans Hagen, Emoji again; pp. 43–58

Since the 10th International ConTEXt Meeting in 2016, ConTEXt has supported the OpenType `colr` and `cpal` tables that are used in color fonts and also to produce emoji. The article introduces emoji and uses the Microsoft's `seguiemj` font to show how emoji are constructed from glyphs, how emoji can be stacked into sequences, and how the palettes of a color font can be changed in ConTEXt.

Hans Hagen, ConTEXt performance; pp. 59–78

The processing speed of a TEX engine is affected by a number of factors, such as the format, macros, scripting, fonts, microtypographic extensions, SyncTEX, and command-line redirection. The article discusses the individual factors from the perspective of a ConTEXt user. The article also measures the overhead of ConTEXt MkII and MkIV, the impact of command-line redirection and fonts on the speed of ConTEXt MkIV, and the overall speed of typesetting with ConTEXt MkII and MkIV.

Hans Hagen, Variable fonts; pp. 79–89

[Printed in *TUGboat* **38**:2.]

Peter Wilson, Glisterings #8: It Might Work. VII – Macros; pp. 90–100

[Printed in *TUGboat* **29**:2.
Translated to Czech by Jan Šustek.]

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