Die **TEXnische Komödie** 1/2019

Die **TEXnische Komödie** is the journal of DANTE e.V., the German-language **TeX** user group ([dante.de](http://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 VÖSS**, 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 DTU 4/2018. Due to some adjustments in the **nomencl** package there are some changes described in this article.

**HERBERT VÖSS**, 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 VÖSS**, Garamond-Math; pp. 38–40

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

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**Zpravodaj 2018/1–4**

**Zpravodaj** is the journal of ČSTUG, the **TeX** user group oriented mainly but not entirely to the Czech and Slovak languages ([cstug.cz](http://cstug.cz)).

**VÍŤ NOVOTNÝ**, Příprava Zpravodaje ČSTUG [Preparing the ČSTUG Bulletin]; pp. 1–10

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

**MICHAEL HOFTICH**, Publikování z **L** **E** **T** **X**u na web pomocí **T** **E** **X**4ht [**L** **E** **T** **X** to web publishing using **T** **E** **X**4ht]; pp. 11–21

[Reprinted in this issue of **T** **U** **G** **b** o **a** **t**.]

**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**, Lua**T** **E** **X** version 1.0.0; pp. 38–42

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

**HANS HAGEN**, Emoji again; pp. 43–58

Since the 10th International Con**T** **E** **X**t Meeting in 2016, Con**T** **E** **X**t has supported the OpenType **colr** and **cpa1** 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 Con**T** **E** **X**t.

**HANS HAGEN**, Con**T** **E** **X**t 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, Sync**T** **E** **X**, and command-line redirection. The article discusses the individual factors from the perspective of a Con**T** **E** **X**t user. The article also measures the overhead of Con**T** **E** **X**t MkII and MkIV, the impact of command-line redirection and fonts on the speed of Con**T** **E** **X**t MkIV, and the overall speed of typesetting with Con**T** **E** **X**t 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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