
Die *TeX*nische Komödie 2–3/2020

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

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HERBERT VOSS, Die Eingabe von Sonderzeichen [The entry of special characters]; pp. 6–16

The entry of special characters via the keyboard is handled differently by the various systems. As a rule, the user has no direct information about possible keyboard shortcuts, to reach certain characters, for example the German opening and closing quotes — differentiating these special characters from the character that is output by Shift+2. The latter is actually only reserved for “programming”. In this article we show a list of various special keys and how they are entered on Windows, GNU/Linux and Mac OS.

WOLFGANG BEINERT, Schriftwahl [Font selection]; pp. 17–23

The choice of a suitable font has great importance in all sub-disciplines of typography. It not only significantly influences the readability and aesthetics of a communication medium, it also causes sustainable conclusions in the implementation. The goal of professional font selection is to find typefaces which are ideally suited for a certain task and for a certain medium without creating opportunity costs in typesetting, in production, in publication, in legal consequences, or for the recipient.

LUKAS C. BOSSERT, Mit `biber -tool` Bibliografieinträge bearbeiten [Edit bibliography entries with `biber -tool`]; pp. 24–32

There are several programs that can be used to edit bib files (JabRef, BibDesk, etc.). However, if one would like to create bibliography entries in an automated process, another tool is needed. This article shows how to use `biber` in tool mode to edit bib files of any size.

HERBERT VOSS, Eine weitere Schrift für Menschen mit Leseschwäche [Another font for people with reading difficulties]; pp. 33–35

Digital fonts for people with reading difficulties are rare. In this article a new font is introduced.

LUKAS C. BOSSERT, Kommentieren und Dokumentieren von Code [Different ways to comment and document code]; pp. 36–48

This article is dedicated to Herbert Voß on the occasion of his farewell from the editors of the DTK. In his position at the editorial office or in seminars or on TeX.SE he has helped not only me but many others with helpful comments regarding L^AT_EX.

HERBERT VOSS, Kommaseparierte Listen als Tabellen und Grafiken darstellen [Comma-separated lists represented as tables and graphics]; pp. 49–54

We show how to typeset a list of comma separated values (CSV) as a table with the help of `pgfplotstable`, and as a graphic using `pgfplots`.

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DORIS BEHRENDT, MARIO HAUSTEIN, JOHANNES HIELSCHER, NILS PICKERT, HENNING HRABAN RAMM, CCCamp19; pp. 23–26

Report on the DANTE presence at the Chaos Communication Camp 2019 of the Chaos Computer Clubs (CCC) in the Mildeberg brick park.

ALEXANDER KRUMEICH, n-doc – ein L^AT_EX-basiertes Verfahren für IT-Sicherheitszertifizierungen [n-doc — a L^AT_EX-based procedure for IT security certifications]; pp. 37–48

Devices and software in the environment of the telematics infrastructure of healthcare systems (TI) must meet high safety standards. In the case of the eHealth connector for connecting doctors’ practices and hospitals to the TI, this requires certification according to Common Criteria (CC) by the Federal Office for Security in Information Technology (BSI).

PASCAL BRABAND, Professionell präsentieren mit der Beamer-Klasse [Professional presentation with the `beamer` class]; pp. 48–51

L^AT_EX in combination with the `beamer` class provides a powerful tool to create impressive professional (scientific) presentations. But when it comes to the actual presentation of these presentations, the possibilities are often limited. As a standard feature often only a simple PDF viewer is available, with which the slides can be displayed. This may be sufficient for simple presentations, but for more complex, longer presentations, more functions may be useful. Exactly for these requirements there are a few programs that are specialized to professionally present PDF files made with the `beamer` class. Three such solutions are presented in this article.

HERBERT VOSS, Chaotische Symmetrien mit Lua berechnet [Chaotic symmetries calculated with Lua]; pp. 51–57

Symmetries in chaos can be particularly well displayed graphically. Using TeX_Lua as a program, it does not even require the installation of the script language Lua, which is installed by default in a full installation of TeX. The graphics can be processed from a L^AT_EX document as well as externally with TeX_Lua.

[Received from Herbert Voß.]