

**Die T<sub>E</sub>Xnische Komödie 2–3/2016**

*Die T<sub>E</sub>Xnische Komödie* is the journal of DANTE e.V., the German-language T<sub>E</sub>X user group (<http://www.dante.de>). (Non-technical items are omitted.)

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UWE ZIEGENHAGEN, Klausuren erstellen mit der Dokumentenklasse `exam` [Creating examinations with the `exam` document class]; pp. 40–51

The `exam` package provides a versatile and powerful way to typeset examinations for use in schools and universities. This article introduces the reader to the basic functions of this class.

ALEXANDER SENGER, Schmuckfarben für X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X [Spot Colours für X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X]; pp. 52–56

The `xespotcolor` package is used to display spot colours in X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X+dvipdfmx. Developed by Apostolos Syropoulos in 2016, it is a reimplementaion of the `spotcolor` package, published by Jens Elstner in 2006.

CHRISTINE RÖMER, Konstituentenstrukturen einfach und schön mit `forest` [Constituent structures made simple and beautiful with `forest`]; pp. 57–62

Sašo Živanović, the author of the `forest` package, describes the package as follows: “It is due to the awesome power of the supplementary facilities of PGF/TikZ that Forest is now, I believe, the most flexible tree typesetting package for L<sup>A</sup>T<sub>E</sub>X you can get.” In perhaps all cases it is much easier to handle than other packages; even complex structures are not a problem.

ROLF NIEPRASCHK, Kalender mit persönlichen Daten [Calendars with personal information]; pp. 63–66

A nice proposal for a calendar based on TikZ is presented at [www.texample.net/tikz/examples/a-calender-for-doublesided-din-a4](http://www.texample.net/tikz/examples/a-calender-for-doublesided-din-a4). One example shows how personal calendar dates such as birthdays or vacations can be highlighted, unfortunately in a rather theoretical way. To prepare a calendar for a colleague who wished to have such a calendar, I created a document class which keeps the dates in a separate file.

HERBERT VOSS, Geometrische Konstruktionen [Geometric constructions]; pp. 67–69

The `pst-eucl` package allows one to construct geometrical objects on the basis of defined points on the plane. In so-called Voronoi diagrams ([mathworld.wolfram.com/VoronoiDiagram.html](http://mathworld.wolfram.com/VoronoiDiagram.html)), named after Georgi Feodosjewitsch Woronoi, only the circumcenter of triangles is needed.

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LUKAS C. BOSSERT, UWE ZIEGENHAGEN, HERBERT VOSS, Integration von Python in T<sub>E</sub>X am Beispiel von Katalogeinträgen [Catalogue entries with Python and T<sub>E</sub>X]; pp. 7–20

Many dissertations in archeology contain a catalogue at the end, which shows the analyzed data in a certain scheme. In this article we implement an efficient catalogue with the help of Python and show a T<sub>E</sub>X-only solution as well.

UWE ZIEGENHAGEN, Parallel T<sub>E</sub>Xen mit Python [Parallel T<sub>E</sub>Xing with Python]; pp. 21–23

In this article I briefly show, how — with the help of Python — the typical multiple CPU cores in a modern PC can be used to compile files in parallel to save a significant amount of time.

HERBERT VOSS, Trennmuster und deren Anwendung [Hyphenation patterns and their application]; pp. 24–28

Since for most languages hyphenation rules can hardly be expressed in algorithmic form, one can only make use of database- or probability-based procedures. In general one does not care about the internal mechanisms of the hyphenation algorithm, but there are times when one would like to know why a specific word was hyphenated as it was or what hyphenations are possible at all.

HERBERT VOSS, Im Netz gefunden [Found in the net]; pp. 29–41

In various mailing lists, web forums, newsgroups, et al., one finds plenty of helpful information around the topics of typesetting with T<sub>E</sub>X, L<sup>A</sup>T<sub>E</sub>X, ConT<sub>E</sub>Xt, etc. Following are two recent items.

“How T<sub>E</sub>X reads source code”, by Ulrich Diez on November 22, 2014 in [news://de.comp.text.tex](mailto:news://de.comp.text.tex): [...] I want to show how T<sub>E</sub>X reads the source file and creates the tokens.

“Slanted characters with a bar”, by Heiko Oberdiek on June 11, 2016 in <http://tex.stackexchange.com/questions/314238/bar-and-overline>: The slanting makes the correct length of the bar a little more complicated. [An] example measures the width of an upright X and uses this for the length of the bar.

[Received from Herbert Voß.]