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**Zpravodaj 2019/1–4**

*Zpravodaj* is the journal of  $\mathcal{C}\mathcal{S}\mathcal{T}\mathcal{U}\mathcal{G}$ , the  $\mathcal{T}\mathcal{E}\mathcal{X}$  user group oriented mainly but not entirely to the Czech and Slovak languages ([cstug.cz](http://cstug.cz)).

PETR SOJKA, Úvodník staronového předsedy [Introductory Words from the once and future president]; pp. 1–10

The editorial discusses  $\mathcal{C}\mathcal{S}\mathcal{T}\mathcal{U}\mathcal{G}$ 's past three years, possible future directions of the group, membership issues and shaping the organization in the Internet era, together with changes related to the publishing of *Zpravodaj*  $\mathcal{C}\mathcal{S}\mathcal{T}\mathcal{U}\mathcal{G}$ . The recent visit of the Grand Wizard is also reported, with insights.

Go forth and participate in  $\mathcal{C}\mathcal{S}\mathcal{T}\mathcal{U}\mathcal{G}$  to make the bright future of  $\mathcal{T}\mathcal{E}\mathcal{X}$  & Friends a reality! You can!

DÁVID LUPTÁK, Fantasia Apocalyptica: Česká premiéra [Fantasia Apocalyptica: The Czech première]; pp. 11–18

On Friday, October 11, 2019, the Czech première of the multimedia organ work *Fantasia Apocalyptica* by Donald Knuth took place in Brno on the occasion of the 25th anniversary of the foundation of the Faculty of Informatics of Masaryk University, with the author's participation. The article presents the event report and the Czech version of the brochure that we prepared for this concert.

JANO KULA, 14th Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t Meeting 2020; pp. 19–23

From Sunday, September 6, 2020 to Saturday, September 12, 2020, the 14th Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t Meeting, organized by the Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t Group, will be held in Sibřina, Czech Republic.

TOMÁŠ HÁLA, Tabulky v Con $\mathcal{T}\mathcal{E}\mathcal{X}$ tu: přístupy, možnosti, algoritmy [Tables in Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t: Ways, possibilities, algorithms]; pp. 24–43

In the publication process, the typesetting of tables is one of the more complicated tasks. This paper reviews old and current ways of typesetting tables in Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t (environments `table`, `tabulate`, `TABLE`, `xtables`), and compares them mutually and with the “rival”  $\mathcal{L}\mathcal{A}\mathcal{T}\mathcal{E}\mathcal{X}$ .

Tables can be generated from other formats such as the frequently used CSV. Therefore, the paper deals also with database processing.

Finally, some simple algorithms for easy extensions of the available repertoire are presented.

LUCIE SCHAYNOVÁ, JAN ŠUSTEK, Aplikace parametrů řádkového zlomu a output rutiny k formátování sazby v  $\mathcal{T}\mathcal{E}\mathcal{X}$ u [Parameters of the line breaking algorithm and the output routine and their applications for typesetting in  $\mathcal{T}\mathcal{E}\mathcal{X}$ ]; pp. 44–65

In the paper we go through inner parts of  $\mathcal{T}\mathcal{E}\mathcal{X}$  to show how the particular characters of the `.tex` input file get to the `.pdf` output file. First we focus on the line breaking algorithm, explaining how its parameters affect the paragraph alignment. Then we focus on the output routine, showing how to put the typeset text on the page. Finally we mention the way to find the exact position of a particular point on the page with an application of MetaPost figures.

JIRÍ RYBIČKA, Výsledky výuky zpracování textů [The results of teaching text processing]; pp. 66–72

Teaching of text processing has been offered at the Faculty of Business and Economics of Mendel University in Brno as an optional subject for more than 18 years. The concept of the subject has over time somewhat changed from the initial more technical concept to the current one focused on more general knowledge of typography and on technical texts, especially the final works. The article deals with the outline of the analysis of the learning outcomes in this subject, by processing selected exam results.

PETR SOJKA, ONDŘEJ SOJKA, The unreasonable effectiveness of pattern generation; pp. 73–86  
[Printed in *TUGboat* 40:2.]

JANO KULA, Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t marks; pp. 87–91

For approximately ten years now, we have seen the separation of the Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t format into Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t MkII and Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t MkIV. In this article, I will explain the naming and the differences between Con $\mathcal{T}\mathcal{E}\mathcal{X}$ t formats.

PETER WILSON, It Might Work VIII—Drawings; pp. 92–104  
[Printed in *TUGboat* 30:1. Translated to Czech by Jan Šustek.]

[Received from Vít Novotný.]