

# Zpravodaj Československého sdružení uživatelů TeXu

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LaTeX2e - Preliminary Release Available

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Dodatek G stojí rovněž za několik samostatných řádek. Obsahuje popis toho, co v knížce popsáno **není**. Nezbylo např. místo pro NFSS, ale čtenář je poučen o tom, kde se k informacím dostane. Vynechané věci jsou opět popsány ve skupinách (co z  $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\text{\LaTeX}$ u, co z  $\text{\LaTeX}$ u, co z  $\text{\TeX}$ u). Krátce jsou popsány další knížky vhodné ke studiu. Čtenář tu nalezne i seznam archivů, kde lze hledat  $\text{\TeX}$ ware; informace o stuttgartském archivu neobsahuje žádnou informaci o  $\text{em}\text{\TeX}$ u. Literatura zahrnuje 28 položek. Kvalitní rejstřík má 24 strany, o doprovodné disketě byla již shora řeč.

*It's not a bird, it's not plain, it's .....*

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## **$\text{\LaTeX}$ 2e – Preliminary Release Available**

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**Leslie Lamport and the  $\text{\LaTeX}$ 3 project team**

**21 December 1993**

**The new release of  $\text{\LaTeX}$   
is now available for testing.**

$\text{\LaTeX}$ 2e is the new standard version of  $\text{\LaTeX}$  – prepared and supported by the  $\text{\LaTeX}$ 3 project team. It is upwardly compatible with  $\text{\LaTeX}$  2.09 documents, but contains new features.

Over the years many extensions of  $\text{\LaTeX}$  have been developed. This is, of course, a welcome development, since it shows that the  $\text{\LaTeX}$  system is in a healthy state. It has, however, had one unfortunate consequence: there are now several incompatible systems, in the sense of format (`.fmt`) files, all claiming to be  $\text{\LaTeX}$ . Therefore, in order to process documents coming from various places, a site maintainer needs to provide several format files:  $\text{\LaTeX}$  (with and without NFSS),  $\text{SL}\text{\TeX}$ ,  $\mathcal{A}\mathcal{M}\mathcal{S}\text{\LaTeX}$ , and so on. In addition, when looking at a source file it is not always clear for which format the document was written.

L<sup>A</sup>T<sub>E</sub>X2e puts an end to this unsatisfactory situation—it will give access to all such extensions based on a single format and thus end the proliferation of mutually incompatible dialects of L<sup>A</sup>T<sub>E</sub>X2.09.

It uses an enhanced version (NFSS2) of the New Font Selection Scheme. Files such as `amstex.sty` (formerly the  $\mathcal{A}\mathcal{M}\mathcal{S}$ L<sup>A</sup>T<sub>E</sub>X format) or `slides.sty` (formerly the S<sup>L</sup>I<sup>T</sup>E<sup>X</sup> format) will become extension packages, all working with this single format.

The introduction of this new version will also make it possible to add a small number of often-requested features (such as extended versions of `\newcommand`).

To summarize:

- Standardisation: a single format incorporating NFSS2, to replace the present multiplicity of incompatible formats (NFSS, lfonts, pslfonts, etc.)
- Maintenance: a standardised system supported by a reliable maintenance policy.

L<sup>A</sup>T<sub>E</sub>X2e adheres, as far as possible, to the following principles:

- Unmodified version 2.09 document files can be processed with L<sup>A</sup>T<sub>E</sub>X2e.
- All new features of L<sup>A</sup>T<sub>E</sub>X2e conform to the conventions of version 2.09, making it as easy as possible for current users to learn to use them.

L<sup>A</sup>T<sub>E</sub>X2e is described in a new edition of ‘L<sup>A</sup>T<sub>E</sub>X: A Document Preparation System’ by Leslie Lamport (to appear during 1994) and ‘The L<sup>A</sup>T<sub>E</sub>X Companion’ by Goossens, Mittelbach and Samarin, both published by Addison-Wesley.

L<sup>A</sup>T<sub>E</sub>X2e will be distributed twice a year. This distribution is a preliminary test release, and doesn’t contain all of the files that will be part of the full release. In particular, it does not contain the planned extensions in the area of graphics inclusion.

The first full release will be available in Spring 1994.

This is a test release, so please get it and test it on as many different systems as possible!

L<sup>A</sup>T<sub>E</sub>X2e can be retrieved by anonymous ftp from the CTAN archives:

```
ftp.tex.ac.uk           /tex-archive/macros/latex/distrib/latex2e-test
ftp.shsu.edu            /tex-archive/macros/latex/distrib/latex2e-test
ftp.uni-stuttgart.de   /tex-archive/macros/latex/distrib/latex2e-test
```

Please report any problems with L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε by using the report-generating program `latexbug.tex`, included in the L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε distribution. Error reports can be sent to the following mail address:

`latex-bugs@rus.uni-stuttgart.de`

Note that no one on the programming team will be reachable until January 1994 (to give them a chance to see their families again). All mail sent to the above address will be answered then.

Seasons greetings to you all!  
For the L<sup>A</sup>T<sub>E</sub>X<sub>3</sub> Project

*Johannes Braams  
David Carlisle  
Alan Jeffrey  
Frank Mittelbach  
Chris Rowley  
Rainer Schöpf*

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## Tisk v 600 dpi

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Pokud jste si pořídili novou tiskárnu HP LaserJet IV a máte problémy s tiskem v hustotě 600 dpi podobně jako řada účastníků em<sub>T</sub>E<sub>X</sub>ového listu, můžete si v následujících odstavcích přečíst postup, který radí autor programu `dvihplj` Eberhard Mattes. Pokud jste ovšem rovnou investovali trochu víc a zakoupili tiskárnu s interpretem PostScriptu, můžete samozřejmě k tisku použít převod do PostScriptu např. pomocí programu `dvips`.

Pokud PostScript nemáte, nebo z jiného důvodu potřebujete tisknout pomocí programu `dvihplj`, měl by do té doby, než EM vypustí už dlouho slibovanou verzi 1.4t, pomoci tento postup: