Production Notes

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The Papers

There were more papers presented at the conference than could be accommodated within the page count available to us. As a result, the production team has had to move Jonathan Fine's paper *New Perspectives on TEX Macros* and Jerry Marsden's (*et al.*) paper *Introduction to FasTEX* to *TUGboat* 16(4). Since that issue is being produced in parallel with the present one, readers will not have a serious wait. A transcript of Prof. Knuth's question and answer session is being prepared, and will (subject to his approval) be published in some future issue of *TUGboat*.

Of his two papers in this issue, Petr Sojka only presented the second (*Notes on Compound Word Hyphenation in TEX*) at the conference. Since that paper was awarded the prize for best paper (at Donald Knuth's recommendation), Michel Goossens suggested that the first paper (*Hyphenation in TEX — Quo Vadis?*), which sets the scene for the second paper, should also be presented here[1].

Macros

For the whole of the period of editing these proceedings, I've been working in parallel on macros to use with LaTeX 2_ε for producing *TUGboat*. I hope to report the state of this work in a paper for a future issue of *TUGboat*, but there's still much to do before the work is complete. For one paper (Childs, Dunn and Lively) I developed a separate (small) LaTeX 2_ε package. This package (*variline*) hasn't yet been released to CTAN, for lack of various sorts of testing; the omission on my part proves to be fortuitous, since the package doesn't work with the December 1995 release of LaTeX 2_ε (the incompatibility is easily dealt with, but I shan't be able to do so until the new year).

All but three papers were submitted as LaTeX source; the others were submitted as `plain` TEX

marked up with the usual macros. Of the three `plain` papers, I converted one (Bzyl's) to LaTeX, left one (Valiente's) as it was, and am no longer responsible for the remaining one (Fine's).

Fonts

Most of this issue has been set in Computer Modern (or DC, version 1.1) fonts — in Malyshev's BaKoMa PostScript Type 1 versions; the only exception is the paper by Goossens, Rahtz and myself on the use of Adobe Multiple Master fonts. My original aim was to use Adobe Minion Multiple Master (which that paper uses) as the default font family for the whole of the issue, but planned further work on the metrics, and work on using Minion with papers submitted in `plain` TEX, was not completed in good enough time.

Three of the other papers (Gibbons, Hoenig and Zlatuška) used 'exotic' fonts of one sort or another, but both Gibbons and Hoenig's samples were supplied as encapsulated PostScript. (Gibbons' paper talks about a bug in 'some printers' firmware' that affects one of his diagrams; that bug affects his printer and mine, but not the one used for production at SCRI.)

Zlatuška's paper imposes slight difficulties on the production system — it requires some reasonably modest use of METAFONT to produce the logo font that he uses as the example of his technique. However, as he notes in the paper, some DVI drivers are offended by the behaviour of the fonts he produces; naturally, the driver that the production team is one of those.

Output

Though individual articles were worked on by members of the production team on their local computer systems, the final output was prepared (by Mimi Burbank) at SCRI on an IBM RS6000 running AIX, using the *Web2C* implementation of TEX. Output was printed on a QMS 680 print system at 600 dpi.

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[1] It had appeared in the preprints, due to an organisational error on my part.