

Late-Breaking News

Production Notes

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Production Notes

Well, for those of you who are relative novices at some of the more arcane uses of \TeX , I'd love to spend some time explaining some of the "on-the-job training" I get with each issue produced by the production team.

First of all, I must say that I have no idea how one person *ever* did the job alone! Now that the technology has become so advanced, and the world of \TeX and METAFONT has grown so much, it has become a delight to look at output. This production team, though there are still administrative obstacles to be worked out, is a dynamic group, and \TeX nical problems are solved rather easily and quickly. The greatest source of frustration now seems to be networks, and devices.

This issue heralds in a new era in typesetting *TUGboat* and the first truly bilingual issue. For a more detailed description of how the two Russian articles were prepared, see Michel's production notes at the end of Andrey Slepukhin's article on page 379.

All files were received electronically. This issue is chock full of T1 encoding, use of the new (and old) dc fonts, multiple uses of METAFONT, considerable use of Babel, and an additional two Russian formats. Over 70 files were used to produce camera copy for Slepukhin's article, while only 13 files were needed to produce camera copy for Lapko and Makhovaya's article and the TUG'96 announcement on page 429. Some 50 files were necessary to run Jackowski's article, 29 of which were .eps figures.

Macros

80% of the articles received were in $\LaTeX 2_{\epsilon}$. While some articles were received tagged for another or for no publication, most articles were received as fully tagged for *TUGboat*, using either plain-based or \LaTeX conventions described in the Authors' Guide (see *TUGboat* 10, no. 3, pages 378–385). Several macros defined by authors or from \LaTeX packages clashed with those of `ltugboat.cls` (for instance `multicol.sty` and `ltugboat`'s use of the `twocolumn` option), and some time was spent trying to get them to "cohabit" in the same file.

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. Exceptions are, obviously, the Russian articles by Slepukhin, and Lapko and Makhovaya. Knappen's article was typeset using the T1 encoding of Computer Modern fonts, in addition to the DC, version 1.2 fonts.

Output

The final camera copy was prepared 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.

Future Issues

The next issue will contain *TTN* material, as well as abstracts from other LUG publications, a summary of the CyrTUG'95 meeting, and articles on math in \LaTeX , the first of a two-part tutorial on typography by Phil Taylor, and articles on graphics and METAFONT.

Plans are underway for *TUGboat* 17(2) to be the Proceedings Issue for 1996, so that copies will be available for the meeting in Dubna, Russia. This will be a change in the usual order of issues; 17(3) will be a regular issue, and 17(4) will be a multi-lingual "theme" issue, with a guest editor. Suggestions are welcome for prospective topics and guest editors. Send them to the Editor, Barbara Beeton (see address on page 351), or via electronic mail to TUGboat@ams.org.

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