Production Notes

Barbara Beeton

Input and input processing

Electronic input for articles in this issue was received by mail and on floppy disk. Camera copy was accepted for one article and for several figures (see the "output" section).

Authors who had written articles previously for *TUGboat* typically submitted files that were fully tagged and ready for processing with the *TUGboat* macros — tugbot.sty for plain-based files and ltugbot.sty for those using LaTeX. However, since the *TUGboat* macros have been completely rewritten by Ron Whitney (see the Authors' Guide, page 378, for instructions on using the new versions), all submissions were re-tagged as necessary to conform to the new input conventions.

About a fourth of the articles, and almost one-third the pages in this issue are LaTeX. For convenience in processing, plain or LaTeX articles were grouped whenever possible. Articles in which no, or limited, TeX coding was present were tagged according to the conventions of tugbot.sty or ltugbot.sty as convenient. Articles tagged according to the author's own schemes were modified sufficiently to permit them to be merged with the rest of the stream. Especial care was taken to try to identify macro definitions that conflicted with ones already defined for *TUGboat*, and \begingroup ... \endgroup was wrapped around any suspect article as a routine precaution.

The example page (p. 331) of Stephan v. Bechtolsheim's article was inserted using FTP and his dvi2dvi program. Stephan produced the .dvi file for that page using TeX and dvi2dvi as described in the article. When the *TUGboat* .dvi file for plain pages was ready (containing a blank page with proper running heads for his example page), it was FTP'd to Purdue. dvi2dvi then inserted the example page and the result was FTP'd back to the AMS.

Test runs of articles were made separately and in groups to determine the arrangement and page numbers (to satisfy any possible cross references). A file containing all starting page numbers, needed in any case for the table of contents, was compiled before the final run. Final processing was done in five runs of TeX and two of LaTeX, using the page number file for reference.

The following articles were prepared using LaTeX; the starred items required the doc-option.

- Nelson Beebe, *Message from the New President*, page 312.
- Victor Eijkhout and Nico Poppelier, *The first Dutch TeX days*, page 316.
- Technites, *Crossword puzzle*, page 324.
- Frank Mittelbach and Rainer Schöpf, *Towards LaTeX 2.10*, page 400.
- Johannes Braams, Victor Eijkhout and Nico Poppelier, *The development of national LaTeX styles*, page 401.
- * Frank Mittelbach, *An environment for multicolumn output*, page 407.
- * Frank Mittelbach, *An extension of the LaTeX theorem environment*, page 416.
- Luzia Dietsche, *Deutsche Kurzfassungen der TUGboat-Artikel*, page 427.

Output

The bulk of this issue was prepared at the American Mathematical Society on a VAX 6320 (VMS) and output on an APS-μ5 using resident CM fonts and additional downloadable fonts for special purposes. The items listed below were received as camera copy; they were prepared on the devices indicated. The output devices used to prepare the advertisements were not usually identified; anyone interested in determining the device used for a particular ad should inquire of the advertiser. The appearance of the printed pages can be taken as representative of output from the devices which produced them.

- Unidentified:
- all advertisements.
- Abass Andulem, *The road to Ethiopic TeX*, page 352.
- Apple LaserWriter (300 dpi):
- Jan Eric Larsson, *A chess font for TeX*, page 351, figures only.
- HP LaserJet (300dpi):
- Hoenig, Alan, *TeX-PostScript output on non-PostScript devices*, p. 374, figure 1.
- Varityper VT600 (600 dpi):
- Hoenig, Alan, *TeX-PostScript output on non-PostScript devices*, p. 375, figure 2 only (but note remarks concerning figure).