
Production Notes

Barbara Beeton

Input and input processing

Electronic input for articles in this issue was received by mail and on floppy disk.

Authors who had written articles previously for *TUGboat* typically submitted files that were fully tagged and ready for processing with the *TUGboat* macros—`tugboat.sty` for plain-based files and `ltugboat.sty` for those using L^AT_EX. (The macros—see the Authors' Guide, *TUGboat* 10, no. 3, pages 378–385—have been installed at `labrea.stanford.edu` and the other archives, and should be retrieved by prospective authors before preparing articles; for authors who do not have network access, the TUG office can provide the macros on diskette.)

One article, by Yanai and Berry (p. 525) was prepared with *ditroff* and submitted as camera copy.

About two-fifths of the articles, and about half the pages in this issue are L^AT_EX. Articles in which no, or limited, T_EX coding was present were tagged according to the conventions of `tugboat.sty` or `ltugboat.sty` as convenient. Most 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*.

Several articles, in particular the Answers to Exercises for *T_EX: The Program* (p. 499) used the experimental enhancement of the plain *TUGboat* macros that permits changing the number of columns in mid-page. When time permits, this will be cleaned up and made available via the archives.

The following articles were prepared using L^AT_EX.

- Nelson Beebe, *From the President*, page 485.
- *The future of T_EX*, page 488.
- Nelson Beebe, *Comments on the future of T_EX and METAFONT*, page 490.
- Jim Fox, *Webless literate programming*, page 511.
- Don Hosek, the Output device column, page 545, and two announcements (pages 570 and 578).
- Barbara Beeton, *A proto-TUG bibliography*, page 573.
- Joachim Lammarsch, IBM VM/CMS site report, page 578.

- Victor Eijkhout, all contributions, pages 572, 605, 613, 616.
- Lohn Lavagnino and Dominik Wujastyk, *Overview of EDMAC*, page 623.
- all items in the L^AT_EX section, pages 644 ff.
- Luzia Dietsche, German abstracts, page 663.

Output

The bulk of this issue was prepared on an IBM PC-compatible 386 using PC T_EX and output on an APS- μ 5 at the American Mathematical Society using resident CM fonts and additional downloadable fonts for special purposes.

Output for the article by Yanai and Berry (cited above) was prepared on a VariTyper VT600 and submitted as camera copy; some illustrations were prepared on an Apple LaserWriter (300 dpi) and on a Linotronic 100 (1270 dpi).

Figures for two articles were prepared by the authors on 300 dpi laser printers: the *Output routines* tutorial by David Salomon (p. 588), Apple LaserWriter, and *A T_EX previewer* by Harold Stokes, HP LaserJet.

The output devices used to prepare the advertisements were not usually identified; anyone interested in determining how a particular ad was prepared should inquire of the advertiser.

Coming Next Issue

Babel

Johannes Braams describes Babel, a multilingual style-option system for use with L^AT_EX's standard document styles.

Network sources of T_EXware

Peter Flynn provides an exhaustive list of network sites from which T_EX and its relatives and friends can be retrieved by server or FTP.

Invisibility using virtual fonts

Sebastian Rahtz proposes an alternate method for generating "invisible" fonts as used by S^LT_EX. This method makes it possible to use the standard PostScript fonts in place of Computer Modern.