A plug-and-play teTeX CD-ROM

Michel Goossens and Sebastian Rahtz

GUTenberg and UKTUG, in collaboration with TUG and NTG, are producing a plug-and-play CD-ROM based on Thomas Esser's teTeX distribution. It adheres to the TDS (TeX Directory Structure) tree structure (see, for instance, TUGboat 16(4), pages 401–412).

Presently Unix executables for the following platform/operating system combinations are included: Digital alpha-osf (2.0 and 3.2), Hewlett Packard hpux (9.01 and 10.01), Intel i386 bsdi2.0, freebsd (2.0.5 and 2.1.0) netbsd (1.0 and 1.1), Intel i486 (linux and linuxaout), m68k (linux, linuxoldld, and nextstep3), mips (irix 5.2, 5.3 and ultrix4.4) IBM rs6000 (aix3.2 and aix4.1.1) Sparc Solaris (2.4 and 2.5) and Sunos 4.1.3.

As the CD-ROM uses the ISO 9660 standard, the platform-independent files can, in principle be read on all operating systems which are compatible with that format. To preserve the complete Unix/Posix file system information the file tree was recorded with the Rock Ridge extensions, so that long filenames are honoured. Some operating systems, most notably MS-DOS, do not support these extensions, so that only the ISO 9660 filenames are used, but with this limitation, the files are readable on all systems. At present the complete LaTeX Dec. 1995, patch level 2 base and all contributed files are included, plus the most-used font families (CM, DC 1.2, TC, AMS, Euler, psnfss). We plan to publish an updated CD-ROM twice a year (more or less co-ordinated with new LaTeX releases), and we hope to add more packages and fonts in the next issues.

The complete source of the teTeX package is included, which has the source of TeX, METAFONT, and all the TeX utilities. Documentation for all of the macro packages on the CD-ROM is included in DVI and PDF format, as well as the original source. A large fraction of the documentation has also been converted to HTML.

The CD-ROM will be officially presented on May 29th in Nanterre (Paris), where GUTenberg organises a seminar on TeX distributions. Copies will be available from NTG for a price of 35 NLG.