

## NT<sub>E</sub>X1.2

### Frank Langbein

`e94fla@student.tdb.uu.se` (till November 1994),  
`langbein@mathematik.uni-stuttgart.de`

September 1994

I just uploaded NT<sub>E</sub>X 1.2 on sunsite.unc.edu in /pub/Linux/Incoming/ntex. This should be copied to the position of NT<sub>E</sub>X 1.1 in /pub/Linux/distributions/ntex (make sure to get 1.2!). NT<sub>E</sub>X is a T<sub>E</sub>X distribution for Linux. I tried to remove all the problems reported (especially by Thomas Esser) for NT<sub>E</sub>X 1.1. There were a lot of changes and I hope that the system works better now. However, I there is still a lot of work left. For a more detailed list of the changes see the file CHANGES on disk ntex01. The complete NT<sub>E</sub>X distribution needs 13 disks. Please note that the organisation of the disks changed from version 1.1 to 1.2.

For those who do not know TeX/NTeX:

T<sub>E</sub>X is a software system that was originally written by Donald Knuth to typeset texts. L<sup>A</sup>T<sub>E</sub>X is a set of macros for T<sub>E</sub>X written to simplify typesetting with T<sub>E</sub>X. There are a lot of other macros and style files, etc. which were designed for the same purpose. The NT<sub>E</sub>X distribution also includes MetaFont, a program which allows the user to design fonts. NT<sub>E</sub>X also includes a lot of these fonts. I tried to include a lot of macros and fonts into the NT<sub>E</sub>X distribution which could be installed for your needs. Also the basic configuration of T<sub>E</sub>X, etc. can be done with shell scripts and/or during installation time. The purpose of NT<sub>E</sub>X is to provide a distribution for T<sub>E</sub>X and the fronts, macros which could be easily installed and configured.

Overview of the packages included in NT<sub>E</sub>X (for details see the file INFO):

- T<sub>E</sub>X, MetaFont, BibT<sub>E</sub>X, xfig and related utilities  
MakeIndex, GLOT<sub>E</sub>X, IDXT<sub>E</sub>X for indexing

- DVI drivers for X11, postscript, HP Laserjet series, Deskjet500 (xdvik, dvipsk and dvi2ljk are the new versions using kpathsea 2.1)
- The GNU T<sub>E</sub>Xinfo system
- Formats: plain T<sub>E</sub>X, extended plain T<sub>E</sub>X, AMST<sub>E</sub>X, PicT<sub>E</sub>X, L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub> (including AMSL<sup>A</sup>T<sub>E</sub>X, BABEL, SLIT<sub>E</sub>X, ...)  
Various formats for: Arabic, Devanagari, Greek, Hebrew, Hieroglyphs, Tamil, Turkish, Thai, ...
- Support of the 35 standard Postscript fonts  
Free available Postscript fonts: Charter, Courier, URWAntiquaT, URQGroteskT, Nimbus, Utopia
- Fonts: Sauter Computer Modern Fonts, DC (European fonts), fc (african fonts), astro, bard, blackboard, blackletter, calligra, cherokee, cyrillic, old english, pica, cypriote, dingbat, duerer, elvish, engwar, furthark, georgian, ghothic, karta, klinz, la script, logic, ocr-a, ogham, okuda, osmanian, pandora, phonetic symbols, rsfs, tengwar, twcal, ugaritic, mathematical symbols, ...

For error reports, suggestions and comments contact me. I will try to remove all the problems and improve NT<sub>E</sub>X. Right now I have to concentrate on my lectures, so it might take a little longer until I can reply to your mails. I will have more time after November. Don't bother mailing me bugs and problems.

Send submissions for comp.os.linux.announce to:  
`linux-announce@tc.cornell.edu`

Be sure to include Keywords: and a short description of your software.