NAME

mft – translate Metafont or MetaPost code to TeX code for prettyprinting

SYNOPSIS

mft [*OPTIONS*] *mf_file_name*[**.mf**|**.mp**]

DESCRIPTION

This manual page is not meant to be exhaustive. The complete documentation for this version of TeX can be found in the info file or manual *Web2C: A TeX implementation*.

The **mft** program creates a TeX file from a Metafont or MetaPost program. It takes appropriate care of typographic details like page layout and the use of indentation, italics, boldface, etc., as illustrated in the book *Computer Modern Typefaces*. Special conventions in Metafont and MetaPost comments allow you to control things that would not otherwise come out right; section 1 of the MFT source program in the *Metafontware* report explains these rules.

The **mft** program uses an optional change file (which works just as the change files to **tangle**(1) and **weave**(1) do) and one or several style files (which are prepended to everything). If no style file is specified, the style file **plain.mft** for Metafont (or **mplain.mft** for MetaPost) is automatically used.

The *mf_file_name*, optional *change_file_name*, and *style_file_name* files are searched for using the MFINPUTS (for Metafont) or MPINPUTS (for MetaPost) and MFTINPUTS environment variables if you have set them, or else the corresponding system defaults.

The output TeX file name is formed by using **.tex** in place of the extension of *mf_file_name*.

OPTIONS

–change=*change_file_name*[**.ch**]

Apply the change file *change_file_name* to *mf_file_name*.

–metapost

Assume *mf_file_name* is a MetaPost source file (this is the default if *mf_file_name* has the extension **.mp**).

–style=*style_file_name*[**.mft**]

Use the style file *style_file_name* instead of **plain.mft** (or **mplain.mft**); this option can be given more than once.

FILES

mftmac.tex

TeX macros used by **mft** output.

plain.mft, *mplain.mft*

Default style files.

cmbase.mft

Style file for Computer Modern.

SEE ALSO

mf(1), **weave**(1).
Donald E. Knuth, *Computer Modern Typefaces* (Volume E of *Computers and Typesetting*), Addison-Wesley, 1986, ISBN 0-201-13446-2.
Donald E. Knuth et al., *Metafontware*.

AUTHORS

Donald E. Knuth wrote the program, and he ported it to Unix with the help of Pierre MacKay and the Unix port of **weave** by Howard Trickey and Pavel Curtis. The program is published in the *Metafontware* technical report, available from the TEX Users Group.