

NAME

mft – translate Metafont code to TeX code for prettyprinting

SYNOPSIS

```
mft mf_file_name [.mf] [ [ -c ] or [ change_file_name [.ch] ] ] [ [ -s ] or [ style_file_name [.mft] ] ]
```

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 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 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 command line has one required file name and two optional file names. The required one is a METAFONT source file; there is also an optional change file (which works just as the change files to **tangle**(1) and **weave**(1) do) and an optional style file (which is prepended to everything).

A file name that doesn't contain a dot is always given an extension, either *.mf* (METAFONT) or *.ch* (change) or *.mft* (style). If no style file is specified, the style file *plain.mft* is automatically used. The *change_file_name* is not searched for using any paths. The *.mf* file is searched for using the MFINPUTS environment variable if you have set it, or else the system default. The style file is searched for using the TEXINPUTS environment variable. See **tex**(1) for the details of the searching.

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

OPTIONS

Specify command-line options **-c** to suppress the reading of a change file, and **-s** to suppress the reading of a style file.

FILES

mftmac.tex

TeX macros used by **mft** output.

plain.mft

Default style file.

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.