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 T_EX can be found in the info file or manual *Web2C: A TeX implementation*.

The **mft** program creates a T_EX 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 T_FX 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

```
\mathbf{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.