

NAME

`weave` – translate WEB to TeX

SYNOPSIS

`weave [-p] [-x] webfile[.web] [{changefile[.ch]}|-] [outfile[.tex]]`

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 `weave` program is used to create a TeX file for viewing a WEB program. It takes appropriate care of typographic details like page layout and the use of indentation, italics, boldface, etc., and it supplies extensive cross-index information that it gathers automatically. The command line arguments are the same as for `tangle` except for the options: `-p` says to use alternative macros more suited for PDF output. `-x` says to omit the index, module name list, and table of contents pages. (A *CONTENTS.tex* file will still be written when the TeX file is processed, however, unless some macros in *webmac.tex* are redefined.)

The output TeX file name is formed by adding `.tex` to the root of the WEB file name or from the third argument. In this case you can specify `'-'` as an empty change file.

There are several macros that probably should be redefined by the programmer at the beginning of the WEB file. It is a good idea to set `\title` to the name of the program. And, to cause output of only changed modules, one can say `\let\maybe=\iffalse` (usually as the first change in the change file).

ENVIRONMENT

The environment variable `WEBINPUTS` is used to search for the input files, or the system default if `WEBINPUTS` is not set. See `tex(1)` for the details of the searching.

FILES

\$TEXMFMAIN/tex/plain/knuth-lib/webmac.tex

TeX macros used by `weave` output.

\$TEXMFMAIN/tex/plain/pwebmac/pwebmac.tex

alternative TeX macros used for PDF output.

SEE ALSO

`tangle(1)` for references, authors, and other information.