

**NAME**

**mktxpk** – create a PK file for a font

**SYNOPSIS**

**mktxpk** [*options*] *font* [*redirect*]

**DESCRIPTION**

This manual page is not meant to be exhaustive. The complete documentation for this version of T<sub>E</sub>X can be found in the info file or manual *Kpathsea: A library for path searching*.

**mktxpk** is used to generate a *pk* file from the METAFONT source files or type1 sources for *font*, if possible.

If *redirect* is given, it must be string of the form *>&n* where *n* is the number of the file descriptor which is to receive, instead of standard output, the name of the generated file.

**mktxpk** is typically called by other programs, rather than from the command line.

**OPTIONS**

**mktxpk** accepts the following options:

**--bdpi** *num*

Set the base device resolution.

**--dpi** *num*

Generate the font at resolution *num*.

**--help** Print help message and exit.

**--mag** *mag*

The METAFONT magnification that corresponds to the combination of *bdpi* and *dpi* that has been specified.

**--mfmode** *mode*

The METAFONT mode to use.

**--destdir** *dir*

A directory name. If the directory is absolute, it is used as-is. Otherwise, it is appended to the root destination directory set in the script.

**--version**

Print version information and exit.

**BUGS**

If the *mode* is not specified, **mktxpk** tries to determine it from *bdpi*. The manner in which this is done is primitive. Since *bdpi* doesn't provide sufficient information to uniquely determine a *mode* it is strongly recommended that it be specified explicitly.

If the *mode* and *bdpi* don't match, the *mode* is discarded.

The *dpi* parameter is redundant, but is not checked for consistency. Worse, the program will fail if the wrong *dpi* is specified.

**SEE ALSO**

**mktxmf**(1), **mktextfm**(1).