

**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), `mktxfm`(1).