NAME

pktype – verify and translate a packed font bitmap file to plain text

SYNOPSIS

pktype *pk_file* [*output_file*]

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 **pktype** program translates a packed font file (*pk*) (output by, for example, **gftopk**(1) to a file that humans can read. It also serves as a *pk* file-validating program (i.e., if **pktype** can read it, it's correct) and as an example of a *pk*-reading program for other software that wants to read *pk* files.

The *pk_file* on the command line must be complete. Because the resolution is part of the extension, it would not make sense to append a default extension as is done with TeX or DVI-reading software. If no *output_file* is specified, the plain text translation is written to standard output.

The output file gives a compact encoding of the packed encoding, using conventions described in the source code. Run lengths of black pixels alternate with parenthesized run lengths of white pixels, and brackets are used to indicate when a row should be repeated.

ENVIRONMENT

pktype looks for *pk_file* using the environment variable PKFONTS. If that is not set, it uses the variable TEXPKS. If that is not set, it uses TEXFONTS. If that is not set, it uses the system default.

See **tex**(1) for the details of the searching.

SEE ALSO

dvitype(1), **gftopk**(1), **gftype**(1).
Donald E. Knuth et al., *METAFONTware*.

AUTHORS

Tomas Rokicki wrote the program. Donald E. Knuth originally ported it to Unix. Pierre MacKay adapted it for compilation with Web2c.