

NAME

gftopk – convert generic font (gf) bitmap files to packed font (pk) files

SYNOPSIS

gftopk [-v] *gf_file*[gf] [*pk_file*]

DESCRIPTION

The **gftopk** program converts a generic font (*gf*) bitmap file output by, typically, **mf**(1), to a packed font bitmap file for use by DVI-reading programs; notably, **dvips**(1) only supports *pk* files. Packed font files (*pk* files) are much smaller than the corresponding *gf* files.

The *gf_file* on the command line must include the resolution, but can omit the suffix "gf". The *pk_file* defaults to the same (stripped) name as *gf_file*, and it is placed in the current working directory with the **pk** suffix replacing **gf**. For example, the input file */some/directory/cmr10.300gf* would become *cmr10.300pk*.

OPTIONS

See **tex**(1) for details of command-line parsing.

By default, **gftodvi** operates silently. With the **-v** (a.k.a. **-verbose**) option, some reports are printed on stdout.

The standard **-help** and **-version** options are also supported.

ENVIRONMENT

The program looks for *gf_file* using the environment variables GFFONTS, GLYPHONTS, and TEXFONTS, in that order. If none are set, it uses the system default. See the Kpathsea manual at <https://tug.org/kpathsea> for the details of the searching.

SEE ALSO

dvips(1), **gftype**(1), **pktogf**(1), **pktype**(1).

Donald E. Knuth et al., *Metafontware*.

Package page on CTAN: <https://ctan.org/pkg/gftopk>

Section in the Web2c manual: <https://tug.org/texinfohtml/web2c.html#gftopk-invocation>

Typeset source code, including file format descriptions: <https://ctan.org/pkg/knuth-pdf>

AUTHORS

Tomas Rokicki wrote the program. It was published as part of the *Metafontware* technical report. Paul Richards originally ported it to Unix.

Public discussion list and bug reports: <https://lists.tug.org/tex-k>