

NAME

gftype – verify and translate a generic font (gf) bitmap file to plain text

SYNOPSIS

gftype [-i] [-m] *gf_file*[gf] [*output_file*]

DESCRIPTION

The **gftype** program translates a *gf* (generic font) bitmap file output by, typically, **mf**(1), to a file that humans can read. It also serves as a *gf* file-validating program (i.e., if **gftype** can read it, it's correct) and as an example of a *gf*-reading program for other software that wants to read *gf* files.

The *gf_file* on the command line must include the resolution, but can omit the suffix "gf". If no *output_file* is specified, the output goes to stdout.

OPTIONS

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

-images

Includes ASCII art images of the characters in the output.

-mnemonics

Include a symbolic listing of the *gf* commands in the output.

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

dvitype(1), **pktype**(1).

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

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

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

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

AUTHORS

David Fuchs and Don Knuth 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>