NAME

dvitype, odvitype - translate a dvi file for humans

SYNOPSIS

dvitype *dvi_name*[**.dvi**]

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 **dvitype** program translates a DVI (DeVice Independent) file output by (for example) **tex**(1) or **gftodvi**(1), to a file that humans can read. It also serves as a DVI file-validating program (i.e., if **dvitype** can read it, it's correct) and as an example of a DVI-reading program for future device drivers.

The output file can include all commands, just the important ones, or none at all (in which case only errors are reported). A subinterval of pages may be selected for transliteration; the magnification and resolution of the ‘‘output device’’ may be changed; and so on. All options are specified with an on-line dialog.

The **.dvi** extension is supplied if omitted from *dvi_name*. The output goes to *stdout*.

OPTIONS

-dpi=*REAL*

Set resolution to *REAL* pixels per inch; default 300.0.

-magnification=*NUMBER*

Override existing magnification with *NUMBER*.

-max-pages=*NUMBER*

Process *NUMBER* pages; default one million.

-output-level=*NUMBER*

Verbosity level, from 0 to 4; default 4.

-page-start=*PAGE-SPEC*

Start at *PAGE-SPEC*, for example ‘2’ or ‘5.*.-2’.

-show-opcodes

Show numeric opcodes (in decimal).

ENVIRONMENT

The environment variable TEXFONTS is used to search for the TFM files used in the DVI file. See **tex**(1) for the details of the searching. If TEXFONTS is not set, it uses the system default.

SEE ALSO

gftype(1), **pktype**(1).
Donald E. Knuth, *TeXware*.

AUTHORS

Donald E. Knuth wrote the program. It was published as part of the *TeXware* technical report, available from the TeX Users Group. Howard Trickey and Pavel Curtis originally ported it to Unix.