

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 T_EX 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, *T_EXware*.

AUTHORS

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