

**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<sub>E</sub>X 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<sub>E</sub>Xware*.

**AUTHORS**

Donald E. Knuth wrote the program. It was published as part of the *T<sub>E</sub>Xware* technical report, available from the T<sub>E</sub>X Users Group. Howard Trickey and Pavel Curtis originally ported it to Unix.