

**NAME**

**dvitype** – 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  $\text{\TeX}$  can be found in the info file or manual *Web2C: A  $\text{\TeX}$  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*.

**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,  *$\text{\TeX}$  for troffware*.

**BUGS**

The interactive dialog should be replaced by command-line options, as with **gftype**.

**AUTHORS**

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