NAME

transfig − creates a makefile for portable LaTeX figures

SYNOPSIS

transfig [-L *language*] [-M *makefile*] [-T *texfile*] [-I *macrofile*] [-V] [*control_specs* figfile ...]

DESCRIPTION

Transfig creates a makefile to translate figures described in Fig code or PIC into a specified LaTeX graphics *language*. PIC files are identified by the suffix ".pic"; Fig files can be specified either with or without the suffix ".fig" . Transfig also creates a TeX macro file appropriate to the target language.

OPTIONS

The *language* specifier must be one of **box, cgm, eepic, eepicemu, emf, epic, eps, ge, gif, ibmgl, jpeg, latex, map, mf, mmp, mp, pcx, pdf, pdftex, pdftex_t, pic, pictex, png, ppm, ps, psfig, pstex, pstex_t, ptk, sld, textyl, tiff, tk, tpic, xbm, xpm** or **null**. The specifier **psfig** is like the **ps** specifier, except that it make use of the psfig macro package. The specifier **pstex** is like **psfig,** except that it uses LaTeX to process formatted (special) text. The specifier **null** results in the figures being replaced by empty boxes of the appropriate size. If no language is specified, **epic** is the default.

The names of the makefile and TeX macro file can be set with the -M and -T options. The default names are "Makefile" and "transfig.tex", respectively. If there is already an existing *makefile* in the directory, transfig first renames it to *makefile~*. The same holds for any existing TeX macro file. If the -I option is specified, then a command to read in *macrofile* is inserted into the TeX macro file. If the -V option is specified, the program version number is printed only.

Control specifiers are

−m *mag*
set the magnification at which the figure is rendered (default 1.0).

−f *font* set the default font family used for text objects (default "**rm**").

−s *fontsize*
set the default font size (in points) for text objects (default 11**mag*).

−o *option*
pass the specified option string through to fig2dev.

If there is no scaling, the default font is an eleven point roman font. Language and control specifiers may occur more than once; they affect the translation of files which appear to their right in the argument list. If no files are specified, then "*.fig" is assumed.

SEE ALSO

fig(l), fig2dev(l), pic(l), pic2fig(l), xfig(l)

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