Name

grap2graph − convert a *grap* diagram into a cropped image

Synopsis

grap2graph [**−unsafe**] [**−format** *output-format*] [*convert-argument* . . .]

grap2graph −−help

grap2graph −v
grap2graph −−version

Description

grap2graph reads a *grap*(1) program from the standard input and writes an image file, by default in Portable Network Graphics (PNG) format, to the standard output.

The input GRAP code should *not* be wrapped with the **.G1** and **.G2** macros that normally guard it within *groff*(1) documents.

Arguments not recognized by *grap2graph* are passed to the ImageMagick or GraphicsMagick program *convert*(1). By specifying these, you can give your image a border, set the image's pixel density, or perform other useful transformations.

The output image is clipped using *convert*'s **−trim** option to the smallest possible bounding box that contains all the black pixels.

Options

−−help displays a usage message, while **−v** and **−−version** show version information; all exit afterward.

−format *output-format*

Write the image in *output-format*, which must be understood by *convert*; the default is PNG.

−unsafe

Run *groff* in *unsafe* mode, enabling the PIC command **sh** to execute arbitrary Unix shell commands. The *groff* default is to forbid this.

Environment

GROFF_TMPDIR
TMPDIR
TMP
TEMP   These environment variables are searched in the given order to determine the directory where temporary files will be created. If none are set, */tmp* is used.

Authors

grap2graph was written by Eric S. Raymond ⟨esr@thyrsus.com⟩, based on a recipe for *pic2graph*(1), by W. Richard Stevens.

See also

pic2graph(1), *eqn2graph*(1), *grap*(1), *pic*(1), *groff*(1), *convert*(1)