

NAME

`eqn2graph` – convert an EQN equation into a cropped image

SYNOPSIS

`eqn2graph` [**-format** *output-format*] [*convert-arguments*]

`eqn2graph` **---help**

`eqn2graph` **-v**

`eqn2graph` **---version**

DESCRIPTION

`eqn2graph` reads a one-line `eqn(1)` equation from the standard input and writes an image file, by default in Portable Network Graphics (PNG) format, to the standard output.

The input EQN code should *not* be preceded by the **.EQ** macro that normally precedes it within `groff(1)` macros; nor do you need to have dollar-sign or other delimiters around the equation.

Arguments not recognized by `eqn2graph` 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

-format *output-format*

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

---help Display a usage message and exit.

-v

---version

Display version information and exit.

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

`eqn2graph` was written by Eric S. Raymond <esr@thyrsus.com>, based on a recipe for `pic2graph(1)`, by W. Richard Stevens.

SEE ALSO

`pic2graph(1)`, `grap2graph(1)`, `eqn(1)`, `groff(1)`, `convert(1)`