

tikzsvg(1)

The `tikzsvg(1)` command renders TikZ diagrams to SVG, using `xetex` and `pdf2svg`.

Usage

```
tikzsvg [OPTION]... INPUT_PATH
```

If `INPUT_PATH` is set to `-` the input will be read from stdin.

Options

-o, --output=OUTPUT_PATH

Write output to file `OUTPUT_PATH`. If set to `-` the output will be written to stdout. Defaults to the base name of the input file suffixed with the `.svg` extension. The file is resolved relative to the working directory.

-p, --package=+PACKAGE

Include `\usepackage{PACKAGE}` when rendering the diagram.

-q, --quiet

Silence application log messages and script warnings.

-h, --help

Print a help message.

-v, --version

Print version information.

Example

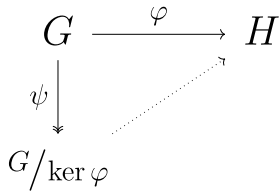
Let's say you want to convert the file `example.tikz` to SVG:

```
\begin{tikzcd}
  G \arrow[r, "\varphi"] \arrow[d, "\psi", two heads] & H \\
  \sfrac{G}{\ker \varphi} \arrow[ru, dotted] & & 
\end{tikzcd}
```

You could achieve that by running the following command:

```
tikzsvg -p tikz-cd -p xfrac example.tikz
```

The results will be stored in the file `example.svg`:



Installation

The `tikztosvg(1)` command and its man page can be installed in Unix systems by running:

```
$ curl -s https://gitlab.com/pablo-escobar/tikztosvg/-/raw/master/install.sh | sudo sh
```

The executable is installed in `$HOME/.local/bin/` and the man-page is installed in `$HOME/.local/share/man/man1/`.

Authors

`tikztosvg` was written by [Pablo Emilio Escobar Gaviria](#).

`pdf2svg` was written by [David Barton](#) and [Matthew Flaschen](#).

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