

**NAME**

`tikztosvg` – Render TikZ diagrams to SVG.

**SYNOPSIS**

**tikztosvg** [*OPTION*]... *INPUT\_PATH*

**DESCRIPTION**

The `tikztosvg(1)` command renders TikZ diagrams to SVG.

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. The `tikz`, `tikz-cd`, `pgfplots`, `amsmath` and `amssymb` packages are always included by default.

**-l, --library=+\_LIBRARY**

Include `\usetikzlibrary{LIBRARY}` when rendering the diagram.

**-q, --quiet**

Silence application log messages and script warnings.

**-h, --help**

Print a help message.

**-v, --version**

Prints version information.

**ENVIRONMENT**

**tikztosvg** requires XeTeX and pdf2svg to be installed. Make sure any additional LaTeX packages are installed before using them in a diagram.

**EXIT STATUS**

**0**

Success.

**1**

Failure (syntax or usage error; configuration error).

**[n]**

Failure (document processing failure).

**AUTHORS**

**tikztosvg** was written by Pablo <[pablo-escobar@riseup.net](mailto:pablo-escobar@riseup.net)>.

**pdf2svg** was written by David Barton <[davebarton@cityinthesky.co.uk](mailto:davebarton@cityinthesky.co.uk)> and Matthew Flaschen <[matthew.flaschen@gatech.edu](mailto:matthew.flaschen@gatech.edu)>.

**RESOURCES**

**Git source repository on sourcehut:** <https://git.sr.ht/~pablo-pie/tikztosvg>

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