

Generation of Tikz pictures using SVG for Org Mode html export option.

suites for a Doom Emacs distribution.

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1 About SVG file format

1.1 What is it?

1.2 How does it relate to \LaTeX

This is some text.

1.3 How does it relate to html ?

2 Backend dependent execution – conditionally export tikz to SVG on HTML export

This example demonstrates the handling of a \LaTeX code block differently depending on the export backend. If the following file is exported to HTML

the tikz code block will be converted to an SVG images, while on export to pdf (through L^AT_EX) the tikz code will simply be inserted into the document verbatim.

First execute the second code block, to define the convenience macro and to set the required new variables in ob-latex.el. Then export to HTML and to pdf to see the tree exported as an SVG image and as embedded tikz respectively.

3 Tikz test

Here's a tree, exported to both html and pdf.

This allows for the automatic composition of beautiful scalable graphics across both HTML and pdf from a single document and image source.