

Package: DiagrammeRsvg (via r-universe)

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Type Package

Title Export DiagrammeR Graphviz Graphs as SVG

Version 0.1

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Description Allows for export of DiagrammeR Graphviz objects to SVG.

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Imports V8 (>= 1.0)

Suggests DiagrammeR, knitr, rlang, rmarkdown, vctrs

URL <https://github.com/rich-iannone/DiagrammeRsvg>

BugReports <https://github.com/rich-iannone/DiagrammeRsvg/issues>

VignetteBuilder knitr

Roxygen list(markdown = TRUE)

RoxygenNote 7.0.2

Encoding UTF-8

Repository <https://rich-iannone.r-universe.dev>

RemoteUrl <https://github.com/rich-iannone/diagrammersvg>

RemoteRef HEAD

RemoteSha 5057edac4947e38a41e9d76ab439b537b2e9d35f

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export_svg	<i>Export grViz graph as SVG with V8</i>
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Description

Use viz.js with V8 to get the diagram rendered as SVG in R instead of the browser.

Usage

```
export_svg(gv)
```

Arguments

gv htmlwidget to render as SVG.

Value

string of SVG XML text.

Examples

```
## Not run:
library(DiagrammeR)
svg <- export_svg(grViz('digraph{a->b; c->a; c->b; c->d;}'))

# this can then be used with htmltools and can save significantly
# on size of output using svg rather than unrendered grViz
library(htmltools)
html_print(HTML(svg))

## End(Not run)
```

register_knit_print	<i>Register a knit_print() method for grViz objects</i>
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Description

This function registers a method for `knit_print()` for `grViz` objects. With this method enabled, rendered HTML documents no longer require a viz.js dependency. Instead, embedded SVG is inserted into the Markdown. The resulting HTML documents have a smaller footprint and are rendered faster.

Usage

```
register_knit_print()
```

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