

Package: nomnomlgraph (via r-universe)

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Title Create nomnoml diagrams in R based on data frames with nodes and edges

Version 0.0.0.9001

Description Create nomnoml diagrams in R based on data frames with nodes and edges.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Imports dplyr, glue, nomnoml, rlang, stringr

Suggests tibble

Repository <https://giocomai.r-universe.dev>

RemoteUrl <https://github.com/giocomai/nomnomlgraph>

RemoteRef HEAD

RemoteSha 3e3c6e64fe4a253729412de8e8c2eca67c64353b

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nn_graph	<i>Create a diagram with nomnoml based on edges and nodes</i>
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Description

Available association types to be used in the edges data frame:

Usage

```

nn_graph(
  nodes,
  edges,
  output = "diagram",
  direction = "down",
  lineWidth = 1,
  fill = "#FEFEFF",
  zoom = 4,
  arrowSize = 1,
  bendSize = 0.3,
  gutter = 5,
  edgeMargin = 0,
  edgesStyle = "hard",
  fillArrows = "false",
  font = "sans",
  fontSize = 12,
  leading = 1.25,
  padding = 8,
  spacing = 40,
  stroke = "#33322E",
  title = "filename",
  png = NULL,
  width = NULL,
  height = NULL,
  svg = FALSE
)

```

Arguments

nodes	A data frame with two columns: id, text, and an optional classifier.
edges	A data frame with three columns: from, to, and association.
output	Defaults to "diagram". Valid values are either "diagram" or "code".
direction	Defaults to "down". Valid values are either "down" or "right".
fill	Defaults to "#FEFEFF". Values commonly used by nomnoml include "#eee8d5" and "#fdf6e3".
edgesStyle	Defaults to "hard". Valid values are either "hard" or "rounded". Value is passed to nomnoml as "edges".
png	Optional file name to export diagram as 'png'.
width	Optional width in pixels for the exported 'png'.
height	Optional height in pixels for the exported 'png'.
svg	Use 'svg' output instead of 'png'? Notice that rendering in 'svg' is not at a par with 'png' and renders incorrectly at times.

Details

- association -> association <-> association -> dependency <-> dependency -> generalization <-> generalization -> implementation <-> implementation +- composition +-> composition o- aggregation o-> aggregation – note -/- hidden

Value

An object with class `nomnoml` and `htmlwidget`. By default, it the diagram is printed.

Examples

```
nodes <- tibble::tribble(  
  ~id, ~text,  
  1, "Starting point",  
  2, "Other starting point",  
  3, "This is where things merge",  
  4, "This is where things go"  
)
```

```
edges <- tibble::tribble(  
  ~from, ~to, ~association,  
  1, 3, "-",  
  2, 3, "-",  
  3, 4, "->"  
)
```

```
nn_graph(  
  nodes = nodes,  
  edges = edges,  
  fill = "#fdf6e3",  
  edgesStyle = "rounded",  
  # font = "Roboto Condensed",  
  fillArrows = "false",  
  svg = TRUE  
)
```

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