Package: sankeywheel (via r-universe)

September 4, 2024

Title Create Dependency Wheels and Sankey Diagrams

Type Package

Version 0.1.0

Description By binding R functions and the 'Highcharts'
<http://www.highcharts.com/> charting library, 'sankeywheel'
package provides a simple way to draw dependency wheels and
sankey diagrams.

License MIT + file LICENSE

Date 2019-10-19

Encoding UTF-8

Depends R (>= 3.0.0)

LazyData true

Imports htmlwidgets

Suggests knitr, rmarkdown, shiny, colourpicker, manipulateWidget, DT

VignetteBuilder knitr

URL https://github.com/czxa/sankeywheel

BugReports https://github.com/czxa/sankeywheel/issues

RoxygenNote 6.1.1

NeedsCompilation no

Author Zhenxing Cheng [aut, cre], Qiongqiong Li [aut, ctb]

Maintainer Zhenxing Cheng <czxjnu@163.com>

Date/Publication 2019-10-24 10:40:02 UTC

Repository https://r-stata.r-universe.dev

RemoteUrl https://github.com/cran/sankeywheel

RemoteRef HEAD

RemoteSha 8cbef8766b59c524f8d730c688d1d4687f20a12c

Contents

---

sankeydf *Example Data for Sankey Sankey Diagrams*

Description

Data Source: https://www.highcharts.com/demo/sankey-diagram

Usage

```
sankeydf
```

Format

A tibble data frame with 46 rows and 3 variables.

---

sankeywheel *Create Dependency Wheels and Sankey Diagrams*

Description

@description By binding R functions and the 'Highcharts' http://www.highcharts.com/ charting library, 'sankeywheel' package provides a simple way to draw dependency wheels and sankey diagrams.

Usage

```
sankeywheel(from, to, weight, type = "dependencywheel", width = NULL,
  height = NULL, seriesName = "demo series", theme = "sandsignika",
  title = "Example Chart", titleAlign = "center", titleSize = "20px",
  titleColor = "#333333", subtitle = "", subtitleAlign = "center",
  subtitleSize = "", subtitleColor = "#666666", elementId = NULL,
  ...)
```

Arguments

`from`	from verctor;
`to`	to vector;
`weight`	weight vector;
`type`	Charts type, dependencywheel or sankey;
`width`	chart width, for example, "100%";
`height`	chart height, for example, "400px";
`seriesName`	Series name, like "demo series";
`theme`	chart theme, you can use these themes: darkgreen/darkblue/avocado/darkunica/gray/ gridlight/grid/sandsignika/sunset;
`title`	title;
`titleAlign`	title alignment, left/center/right;
`titleSize`	title size, like "20px";
`titleColor`	title color, like "#333333";
`subtitle`	subtitle;
`subtitleAlign`	subtitle alignment, left/center/right;
`subtitleSize`	subtitle size, like "16px";
`subtitleColor`	subtitle color, like "#666666";
`elementId`	NULL.
`...`	Additional parameters.

Examples

```
library(sankeywheel)
if(interactive()){
    sankeywheel(from = sankeydf$from,
        to = sankeydf$to,
        weight = sankeydf$weight,
        type = "dependencywheel")
    sankeywheel(from = sankeydf$from,
        to = sankeydf$to,
        weight = sankeydf$weight,
        type = "sankey",
        theme = "sunset")
}
```

---

sankeywheel-shiny   *Shiny bindings for sankeywheel*

Description

Output and render functions for using sankeywheel within Shiny applications and interactive Rmd documents.

Usage

```
sankeywheelOutput(outputId, width = "100%", height = "400px")

renderSankeywheel(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

outputId	output variable to read from
width, height	Must be a valid CSS unit (like '100%', '400px', 'auto') or a number, which will be coerced to a string and have 'px' appended.
expr	An expression that generates a sankeywheel
env	The environment in which to evaluate expr.
quoted	Is expr a quoted expression (with quote())? This is useful if you want to save an expression in a variable.

Index