Package 'sankeywheel'

May 9, 2026

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.

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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

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Repository CRAN

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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")
}
```

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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.

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