

Package: chartkickR (via r-universe)

May 22, 2026

Title Create Interactive Chartkick.js Charts in R

Version 0.0.0.9000

Description Provides an R interface to the Chartkick.js JavaScript charting library using the htmlwidgets framework. The package allows users to create interactive line, bar, column, area, pie, donut, scatter, bubble, geo, and timeline charts from R data frames with minimal code.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

Imports htmlwidgets, rlang

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/BW0latunji/chartkickR>

BugReports <https://github.com/BW0latunji/chartkickR/issues>

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Repository <https://ropensci-champions.r-universe.dev>

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area_chart	<i>Create an area chart</i>
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Description

Create an area chart

Usage

```
area_chart(
  data,
  x,
  y,
  group = NULL,
  ...,
  width = NULL,
  height = NULL,
  elementId = NULL
)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

bar_chart	<i>Create a bar chart</i>
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Description

Create a bar chart

Usage

```
bar_chart(  
  data,  
  x,  
  y,  
  group = NULL,  
  ...,  
  width = NULL,  
  height = NULL,  
  elementId = NULL  
)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

bubble_chart	<i>Create a bubble chart</i>
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Description

Create a bubble chart

Usage

```
bubble_chart(
  data,
  x,
  y,
  size,
  group = NULL,
  ...,
  width = NULL,
  height = NULL,
  elementId = NULL
)
```

Arguments

<code>data</code>	A data frame.
<code>x</code>	Column used for the x-axis, category, or label.
<code>y</code>	Column used for the y-axis or value.
<code>size</code>	Optional column used as bubble size. Required for BubbleChart.
<code>group</code>	Optional column used to create multiple series.
<code>...</code>	Chartkick options passed to JavaScript.
<code>width, height</code>	Widget width and height.
<code>elementId</code>	Optional htmlwidget element ID.

 chartkickR

Create a Chartkick.js chart in R

Description

chartkickR() creates interactive charts powered by Chartkick.js and htmlwidgets. It accepts an R data frame and maps selected columns to Chartkick-compatible chart data.

Usage

```
chartkickR(
  data,
  x,
  y,
  group = NULL,
  size = NULL,
  type,
  ...,
  width = NULL,
  height = NULL,
  elementId = NULL
)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
size	Optional column used as bubble size. Required for BubbleChart.
type	Chart type. One of "LineChart", "PieChart", "DonutChart", "ColumnChart", "BarChart", "AreaChart", "ScatterChart", "BubbleChart", "GeoChart", or "Timeline".
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

Value

An htmlwidget object.

chartkickR-shiny *Shiny bindings for chartkickR*

Description

Output and render functions for using chartkickR within Shiny applications and interactive R Markdown documents.

Usage

```
chartkickROutput(outputId, width = "100%", height = "400px")
renderChartkickR(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

outputId	Output variable to read from.
width, height	Valid CSS units.
expr	Expression that generates a chartkickR widget.
env	Environment in which to evaluate expr.
quoted	Whether expr is quoted.

column_chart	<i>Create a column chart</i>
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Description

Create a column chart

Usage

```
column_chart(
  data,
  x,
  y,
  group = NULL,
  ...,
  width = NULL,
  height = NULL,
  elementId = NULL
)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

donut_chart	<i>Create a donut chart</i>
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Description

Create a donut chart

Usage

```
donut_chart(data, x, y, ..., width = NULL, height = NULL, elementId = NULL)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

geo_chart	<i>Create a geo chart</i>
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Description

Create a geo chart

Usage

```
geo_chart(data, x, y, ..., width = NULL, height = NULL, elementId = NULL)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

line_chart	<i>Create a line chart</i>
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Description

Create a line chart

Usage

```

line_chart(
  data,
  x,
  y,
  group = NULL,
  ...,
  width = NULL,
  height = NULL,
  elementId = NULL
)

```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

 pie_chart

Create a pie chart

Description

Create a pie chart

Usage

```
pie_chart(data, x, y, ..., width = NULL, height = NULL, elementId = NULL)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

scatter_chart	<i>Create a scatter chart</i>
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Description

Create a scatter chart

Usage

```
scatter_chart(  
  data,  
  x,  
  y,  
  group = NULL,  
  ...,  
  width = NULL,  
  height = NULL,  
  elementId = NULL  
)
```

Arguments

data	A data frame.
x	Column used for the x-axis, category, or label.
y	Column used for the y-axis or value.
group	Optional column used to create multiple series.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

timeline_chart	<i>Create a timeline chart</i>
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Description

Create a timeline chart

Usage

```
timeline_chart(  
  data,  
  task,  
  start,  
  end,  
  ...,  
  width = NULL,  
  height = NULL,  
  elementId = NULL  
)
```

Arguments

data	A data frame.
task	Column containing task or event names.
start	Column containing start dates.
end	Column containing end dates.
...	Chartkick options passed to JavaScript.
width, height	Widget width and height.
elementId	Optional htmlwidget element ID.

Value

An htmlwidget object.

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