

Package: blockr.gt (via r-universe)

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Title Create GT Tables in blockr

Version 0.0.0.9000

Description This package provides an interface to the GT R package to create GT tables in blockr.

License GPL (>= 3)

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new_basic_gt_block	Create a new basic GT block
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Description

Creates a new GT block with inputs for title, subtitle, and footnotes. This block provides an interface for a basic GT table.

Usage

```
new_basic_gt_block(
  title = character(),
  subtitle = character(),
  footnotes = character(),
  alignment = "center",
  ...
)
```

Arguments

title, subtitle, footnotes	Initial text for each field (character). All default to empty and accept markdown formatting.
alignment	The alignment of the title and subtitle elements in the table header.
...	Forwarded to blockr.core::new_block()

Value

A basic gt block object that can be used with the serve function.

Examples

```
## Not run:
serve(new_basic_gt_block(title = "test"), data = list(data = head(mtcars)))

## End(Not run)
```

new_colour_gt_block *Color a gt block*

Description

Color targeted cells in a GT block.

Usage

```
new_colour_gt_block(
  columns = numeric(),
  rows = character(),
  direction = character(),
  method = character(),
  palette = character(),
  bins = integer(),
  quantiles = integer(),
  alpha = numeric(),
  reverse = logical(),
  apply_to = character(),
  ...
)
```

Arguments

columns	The columns to which cell data color operations are constrained.
rows	In conjunction with columns, we can specify which rows should form a constraint for cell data color operations. Defaults to everything.
direction	Should the color computations be performed column-wise (default) or row-wise? Defaults to colour down columns.
method	A method for computing color based on the data within body cells. Can be "auto" (the default), "numeric", "bin", "quantile", or "factor". The "auto" method will automatically choose the "numeric" method for numerical input data or the "factor" method for any non-numeric inputs.
palette	Name of the colour palette to use.
bins	Number of bins to use when method is "bin".
quantiles	Number of equal-sized quantiles to use when method is "quantile".
alpha	Transparency level for colors.
reverse	Logical indicating whether colors should be computed in reverse order.
apply_to	Whether colors should fill the cell background or the text.
...	Forwarded to <code>blockr::core::new_block()</code>

Value

A gt block with additional cell colouring.

Examples

```
## Not run:
serve(new_colour_gt_block(), data = list(gt_obj = gt(head(mtcars))))

## End(Not run)
```

new_save_gt_block	<i>Save a gt table to multiple formats</i>
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Description

This block takes a gt table object and saves it to file in the specified format(s). Supports HTML, PDF, and PNG output formats.

Usage

```
new_save_gt_block(format = "pdf", expand = 10, ...)
```

Arguments

format	Vector of formats to save ("html", "pdf", "png")
expand	Numeric, expansion factor for PNG output (default 10)
...	Forwarded to blockr.core::new_block()

Value

Invisibly returns NULL, called for side effects

Examples

```
## Not run:
serve(new_save_gt_block(), data = list(gt_obj = gt(mtcars)))

## End(Not run)
```

new_spanner_gt_block *Add a spanner to a gt table*

Description

Add a spanner to a gt table

Usage

```
new_spanner_gt_block(label = character(), columns = character(), ...)
```

Arguments

label	The text to use for the spanner label. Accepts markdown formatted text.
columns	The columns to serve as components of the spanner.
...	Forwarded to blockr.core::new_block()

Value

A gt block object with an added spanner.

Examples

```
## Not run:
serve(new_spanner_gt_block(), data = list(gt_obj = gt(mtcars)))

## End(Not run)
```

new_style_gt_block *Style a GT block*

Description

Style a GT block using one of six prebuilt defaults with further options to control the table colour and row striping.

Usage

```
new_style_gt_block(style = 1, color = "gray", striping = "yes", ...)
```

Arguments

style	Numeric from 1 to 6 indicating which prebuilt default to use.
color	One of "blue", "cyan", "pink", "green", "red", and "gray".
striping	Logical indicating whether optional row striping should be enabled.
...	Forwarded to blockr.core::new_block()

Value

A styled gt block object that can be used with the serve function.

Examples

```
## Not run:  
serve(new_style_gt_block(), data = list(gt_obj = gt(head(mtcars))))  
  
## End(Not run)
```

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