Package: bs4cards (via r-universe)

September 1, 2024

Title Generate Bootstrap Cards

Version 0.1.1

Description Allows the user to generate bootstrap cards within R markdown documents. Intended for use in conjunction with R markdown HTML outputs and other formats that support the bootstrap 4 library.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

Imports htmltools, magrittr, methods, rlang

URL https://github.com/djnavarro/bs4cards

BugReports https://github.com/djnavarro/bs4cards/issues

Suggests testthat (>= 3.0.0), knitr, rmarkdown, tibble, covr, bslib

RoxygenNote 7.1.1

Depends R (>= 2.10)

Config/testthat/edition 3

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

RemoteUrl https://github.com/djnavarro/bs4cards

RemoteRef HEAD

RemoteSha 1e89a913f493375252315987c8a487a6329e45cb

Contents

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cards   *Builds a deck of bootstrap cards*

Description

Builds a deck of bootstrap cards

Usage

```
cards(
  data,
  title = NULL,
  text = NULL,
  image = NULL,
  link = NULL,
  footer = NULL,
  header = NULL,
  tags = NULL,
  layout = "label-below",
  width = 3,
  spacing = 2,
  breakpoint = 4,
  label_colour = NULL,
  border_colour = NULL,
  border_width = 1,
  border_radius = 3
)
```

Arguments

data	Data frame
title	Title for the card
text	Text for the card
image	Path to the card image
link	URL to link to from title and image
footer	Card footer
header	Card header
tags	Tags to be assigned to each card
layout	Card layout is a string, defaults to "label-below" (see details)
width	Card width is an integer between 1 and 5
spacing	Spacing between cards is an integer between 0 and 5
breakpoint	Number between 1 and 5, controlling label size on horizontal and inset layouts
label_colour	Colour applied to the card label (if NULL, colour inherits)

border_colour   Colour applied to the card border (if NULL, colour inherits)

border_width   Width of card border is an integer between 0 and 5

border_radius   Amount of rounding on card corners is an integer between 0 and 5

Details

This function constructs the HTML necessary to specify a deck of bootstrap 4 cards suitable for inclusion within an R markdown document. It takes a data frame as the first argument, with one row for each card to be generated.

Cards are specified using the `title`, `text`, `image`, `link`, `footer`, `header`, and `tags` arguments. These arguments take expressions to be evaluated using the user-supplied `data`, and should evaluate to character vectors that have length 1 or the same number of rows as `data`.

The `layout` argument is a single character string specifying the layout of the cards: possible values are "label-below" (the default), "label-above", "label-left", "label-right", "label-only", "image-only", "inset-top", "inset-bottom".

The `width`, `spacing`, `breakpoint`, `border_width`, and `border_radius` arguments all take integer inputs specifying the visual appearance of the cards. Allowed values range from 0 to 5, except for `width` and `breakpoint` which cannot be 0. The other two arguments `label_colour` and `border_colour` take a single string specifying colours of the relevant parts of the card.

Value

A "shiny.tag" object containing the HTML for the card deck

Examples

```
## Not run:
galleries %>%
  cards(
    title = long_name,
    text = blurb,
    image = image_url,
    link = gallery_url
  )

## End(Not run)
```

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  galleries   *Generative art galleries*

Description

A dataset containing information describing several galleries of generative art created in R.

Usage

```
galleries
```

Format

A tibble with 7 rows and 5 variables:

long_name full name of the gallery

short_name compact name of the gallery

date date on which the gallery was posted

blurb brief description of the gallery

paintbrushes names of R packages used to generate the art

image_url location of the gallery thumbnail image

gallery_url location of the gallery homepage

Source

https://art.djnavarro.net/

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