

Package ‘bsTools’

February 9, 2021

Type Package

Title Create HTML Content with Bootstrap 5 Classes and Layouts

Version 0.1.0

Author Timothy Conwell

Maintainer Timothy Conwell <timconwell@gmail.com>

Description Functions are pre-configured to utilize Bootstrap 5 classes and HTML structures to create Bootstrap-styled HTML quickly and easily. Includes functions for creating common Bootstrap elements such as containers, rows, cols, navbars, etc. Intended to be used with the html5 package.

License GPL (>= 2)

Encoding UTF-8

LazyData true

Depends html5

RoxygenNote 7.1.1

NeedsCompilation no

Repository CRAN

Date/Publication 2021-02-09 10:20:02 UTC

R topics documented:

| | |
|------------------------|----|
| bs_accordion | 2 |
| bs_card | 3 |
| bs_carousel | 4 |
| bs_clearfix | 5 |
| bs_col | 5 |
| bs_collapse | 6 |
| bs_col_break | 7 |
| bs_container | 8 |
| bs_doc | 9 |
| bs_dropdown | 9 |
| bs_figure | 10 |

| | |
|-------------------------|----|
| bs_img | 11 |
| bs_input | 12 |
| bs_modal | 13 |
| bs_nav | 15 |
| bs_navbar | 16 |
| bs_pagination | 18 |
| bs_row | 19 |
| bs_select | 20 |
| bs_table | 21 |
| bs_textarea | 22 |
| listExtract | 24 |
| sampleStr | 24 |

| | |
|--------------|-----------|
| Index | 26 |
|--------------|-----------|

| | |
|--------------|-------------------------------------|
| bs_accordion | <i>Create a Bootstrap accordion</i> |
|--------------|-------------------------------------|

Description

Create a Bootstrap accordion

Usage

```
bs_accordion(
  id,
  items = list(),
  accordion_class = "accordion",
  item_class = "accordion-item",
  item_header_class = "accordion-header",
  button_class = "accordion-button",
  div_class = "accordion-collapse collapse",
  body_class = "accordion-body"
)
```

Arguments

| | |
|-------------------|--|
| id | A string, the id to use for the accordion, must be unique within a page (if you have multiple accordions on a page). |
| items | A named list, names become the label for each panel, values should be the HTML content to display when the panel is toggled. |
| accordion_class | A string, the class of the div wrapping the accordion content. |
| item_class | A string, the class of the div wrapping the accordion items. |
| item_header_class | A string, the class of the accordion panel headers. |
| button_class | A string, the class of the div wrapping the accordion panel header button items. |

| | |
|------------|---|
| div_class | A string, the class of the div wrapping the accordion panel content. |
| body_class | A string, the class of the div wrapping the accordion panel content body. |

Value

A string of HTML.

Examples

```
bs_accordion(
  id = "acc1",
  items = list(
    "One" = p("Check it out."),
    "Two" = p("Does it work?"),
    "Three" = p("I hope so.")
  )
)
```

| | |
|---------|--------------------------------|
| bs_card | <i>Create a Bootstrap card</i> |
|---------|--------------------------------|

Description

Create a Bootstrap card

Usage

```
bs_card(
  body,
  img_src = NULL,
  img_alt = NULL,
  div_class = "card",
  body_class = "card-body",
  img_class = "card-img-top"
)
```

Arguments

| | |
|------------|--|
| body | A string, the HTML to display in the body of the card. |
| img_src | A string, the path of an image to display with the card. Passed to "src" param of <code>html5::img()</code> . |
| img_alt | A string, the alt attribute of an image to display with the card. Passed to "alt" param of <code>html5::img()</code> . |
| div_class | A string, the class of the div wrapping the card content. |
| body_class | A string, the class of the div wrapping the card body. |
| img_class | A string, the class of the img tag if an image is to be displayed. |

Value

A string of HTML.

Examples

```
bs_card(  
  body = "This is a card"  
)
```

bs_carousel

Create a Bootstrap carousel

Description

Create a Bootstrap carousel

Usage

```
bs_carousel(  
  id,  
  items = list(),  
  carousel_class = "carousel slide",  
  inner_class = "carousel-inner",  
  item_class = "carousel-item",  
  controls = TRUE  
)
```

Arguments

| | |
|----------------|---|
| id | A string, the id to use for the carousel div. |
| items | A list, entries should be HTML to display in the carousel. |
| carousel_class | A string, the class of the div wrapping the carousel content. |
| inner_class | A string, the class of the div wrapping the carousel items. |
| item_class | A string, the class of the div wrapping each carousel item. |
| controls | TRUE/FALSE, if TRUE, adds code to display arrows to click through the carousel. |

Value

A string of HTML.

Examples

```
bs_carousel(  
  id = "c1",  
  items = list(  
    h1("First slide"),  
    h1("Second slide"),  
    h1("Third Slide")  
  )  
)
```

| | |
|-------------|---|
| bs_clearfix | <i>Create a div with class "clearfix"</i> |
|-------------|---|

Description

Create a div with class "clearfix"

Usage

```
bs_clearfix(...)
```

Arguments

... Valid string(s) of HTML.

Value

A string of HTML.

Examples

```
bs_clearfix(  
  p("Test")  
)
```

| | |
|--------|-----------------------------------|
| bs_col | <i>Create a Bootstrap col div</i> |
|--------|-----------------------------------|

Description

Create a Bootstrap col div

Usage

```

bs_col(
  ...,
  size = NULL,
  align_self = NULL,
  order = NULL,
  offset = NULL,
  margin = NULL,
  custom_class = NULL
)

```

Arguments

| | |
|--------------|---|
| ... | A string or strings of HTML content to include in the col div. |
| size | An integer, 1-12, determines how many column units a particular column takes up. |
| align_self | A string, likely one of "start", "center", or "end", that gets appended to "align-self-". |
| order | An integer, sets the order of the column in a row. |
| offset | A string, an offset value (ex. "md-3") to append to the "offset-" class. |
| margin | A string, a valid Bootstrap margin class (ex. "me-auto") |
| custom_class | A string, allows custom classes to be appended to the col class |

Value

A string of HTML.

Examples

```
bs_col(p("Col 1"))
```

 bs_collapse

Create a Bootstrap collapse

Description

Create a Bootstrap collapse

Usage

```

bs_collapse(
  id,
  button_label,
  collapse_content,
  button_class = "btn btn-primary",
  div_class = "collapse"
)

```

Arguments

| | |
|------------------|--|
| id | A string, the id to use for the collapse div. |
| button_label | A string, the text to display in the button controlling the collapsible content. |
| collapse_content | A string, the HTML to display or collapse. |
| button_class | A string, the class added to the button controlling the collapse. |
| div_class | A string, the class added to the div wrapping the collapsible content. |

Value

A string of HTML.

Examples

```
bs_collapse(  
  id = "collapse1",  
  button_label = "Click to Expand",  
  collapse_content = p("Hello")  
)
```

bs_col_break

Create a div with class "w-100" to force columns onto a new line

Description

Create a div with class "w-100" to force columns onto a new line

Usage

```
bs_col_break()
```

Value

A string of HTML.

Examples

```
bs_col_break()
```

`bs_container`*Create a Bootstrap container div*

Description

Create a Bootstrap container div.

Usage

```
bs_container(  
    ...,  
    fluid = FALSE,  
    breakpoint = NULL,  
    padding = NULL,  
    overflow_hidden = FALSE,  
    custom_class = NULL  
)
```

Arguments

| | |
|------------------------------|--|
| <code>...</code> | A string or strings of HTML content to include in the container div. |
| <code>fluid</code> | TRUE/FALSE, if TRUE, the class becomes "container-fluid" which sets the width to 100%. |
| <code>breakpoint</code> | A string, sets the break-point for reshaping content based on screen size. One of "sm", "md", "lg", "xl", "xxl". |
| <code>padding</code> | An integer, the padding to add, measured in px. |
| <code>overflow_hidden</code> | TRUE/FALSE, if TRUE, adds "overflow-hidden" to the container class |
| <code>custom_class</code> | A string, allows custom classes to be appended to the container class |

Value

A string of HTML.

Examples

```
bs_container(  
  div(),  
  fluid = TRUE  
)
```

| | |
|--------|---|
| bs_doc | <i>Create a HTML document preconfigured to load Bootstrap5 from the CDN</i> |
|--------|---|

Description

Create a HTML document preconfigured to load Bootstrap5 from the CDN

Usage

```
bs_doc(head = NULL, body)
```

Arguments

| | |
|------|--|
| head | A string of HTML that will be passed to the <code>html5::head()</code> function. |
| body | A string of HTML that will be passed to the <code>html5::body()</code> function |

Value

A string of HTML.

Examples

```
bs_doc(  
  body = div(h1("Hello"), p("Welcome to this page."))  
)
```

| | |
|-------------|------------------------------------|
| bs_dropdown | <i>Create a Bootstrap dropdown</i> |
|-------------|------------------------------------|

Description

Create a Bootstrap dropdown

Usage

```
bs_dropdown(  
  id,  
  items = list(),  
  button_label = "Dropdown Button",  
  dropdown_class = "dropdown",  
  button_class = "btn btn-secondary dropdown-toggle",  
  ul_class = "dropdown-menu",  
  li_class = NULL,  
  a_class = "dropdown-item"  
)
```

Arguments

| | |
|-----------------------------|--|
| <code>id</code> | A string, the id to use for the dropdown, must be unique within a page (if you have multiple dropdowns on a page). |
| <code>items</code> | A named list, names become the href for each item, values should be the text to display for each href. If an item is unnamed, the value does not get passed to the li/a tags and is instead displayed as-is (useful for displaying custom HTML content in the dropdown). |
| <code>button_label</code> | A string, the label to use for the dropdown toggle button. |
| <code>dropdown_class</code> | A string, the class of the div wrapping the dropdown elements. |
| <code>button_class</code> | A string, the class of the button controlling the dropdown toggle. |
| <code>ul_class</code> | A string, default class used for the "ul" tag wrapping the dropdown nav elements. |
| <code>li_class</code> | A string, default class used for the "li" tags wrapping the dropdown nav elements if the input list item is named. |
| <code>a_class</code> | A string, default class used for the "a" tags wrapping the dropdown nav elements if the input list item is named. |

Value

A string of HTML.

Examples

```
bs_dropdown(
  id = "drop",
  items = list(
    "#" = "Home",
    "#" = "About",
    "#" = "Other"
  )
)
```

bs_figure

Create HTML figure tag configured with Bootstrap classes

Description

Create HTML figure tag configured with Bootstrap classes

Usage

```
bs_figure(
  src,
  alt = NULL,
  caption = NULL,
  figure_class = "figure",
  img_class = "figure-img img-fluid",
  figcaption_class = "figure-caption"
)
```

Arguments

| | |
|------------------|---|
| src | A string, the value to pass to the "src" param of <code>html5::img()</code> . |
| alt | A string, the value to pass to the "alt" <code>html5::img()</code> . |
| caption | A string, gets passed to <code>html5::figcaption()</code> . |
| figure_class | A string, the class of the figure tag. |
| img_class | A string, the class of the img tag. |
| figcaption_class | A string, the class of the figcaption tag. |

Value

A string of HTML.

Examples

```
bs_figure(  
  src = tempfile(),  
  caption = "This is an example"  
)
```

bs_img

Create HTML img tag configured with Bootstrap classes

Description

Create HTML img tag configured with Bootstrap classes

Usage

```
bs_img(  
  src,  
  alt = NULL,  
  fluid = TRUE,  
  thumbnail = FALSE,  
  rounded = FALSE,  
  float_start = FALSE,  
  float_end = FALSE,  
  center = FALSE,  
  custom_class = NULL  
)
```

Arguments

| | |
|--------------|---|
| src | A string, the value to pass to the "src" param of <code>html5::img()</code> . |
| alt | A string, the value to pass to the "alt" param of <code>html5::img()</code> . |
| fluid | TRUE/FALSE, if TRUE, adds the class "img-fluid". |
| thumbnail | TRUE/FALSE, if TRUE (and fluid is FALSE), adds the class "img-thumbnail". |
| rounded | TRUE/FALSE, if TRUE, adds the class "rounded". |
| float_start | TRUE/FALSE, if TRUE, adds the class "float-start". |
| float_end | TRUE/FALSE, if TRUE (and float_start is FALSE), adds the class "float-end". |
| center | TRUE/FALSE, if TRUE, wraps img tag in a div with class "text-center". |
| custom_class | A string, a custom class to append to the img tag. |

Value

A string of HTML.

Examples

```
bs_img(  
  src = tempfile()  
)
```

bs_input

Create a HTML input tag configured with Bootstrap classes

Description

Create a HTML input tag configured with Bootstrap classes

Usage

```
bs_input(  
  type = "text",  
  id,  
  value = NULL,  
  label = NULL,  
  placeholder = NULL,  
  div_class = NULL,  
  input_class = "form-control",  
  label_class = "form-label",  
  text = NULL,  
  text_class = "form-text",  
  input_args = list(),  
  inline = FALSE  
)
```

Arguments

| | |
|-------------|---|
| type | A string, the type of input to create, passed to the type param of <code>html5::input()</code> . |
| id | A string, the id/name for the input, passed to the id and name params of <code>html5::input()</code> . |
| value | A string, the value of the input, passed to the value param of <code>html5::input()</code> . |
| label | A string, the label to use for the input, passed to <code>html5::label()</code> . |
| placeholder | A string, passed to the placeholder param of <code>html5::input()</code> . |
| div_class | A string, the class of the div tag surrounding the the label and input tags. |
| input_class | A string, the class of the input tag. |
| label_class | A string, the class of the label tag. |
| text | A string, text or HTML to display with the input and label tags. |
| text_class | A string, the class of the text or HTML to display with the input and label tags. |
| input_args | A named list, names should correspond to a parameter of the <code>html5::input()</code> function and values will be passed to that parameter. |
| inline | TRUE/FALSE, if TRUE, adds a div and classes to display the label and input and text in the same line. |

Value

A string of HTML.

Examples

```
bs_input(
  id = "example1",
  label = "Example Text Input",
  text = "This is an example input created with the bs_input function."
)
```

 bs_modal

Create a Bootstrap modal

Description

Create a Bootstrap modal

Usage

```
bs_modal(
  id,
  title = h5("Note"),
  body,
  footer = button(type = "button", class = "btn btn-secondary", custom_attr =
    list(`data-bs-dismiss` = "modal"), "Close"),
  modal_class = "modal",
```

```

    dialog_class = "modal-dialog",
    content_class = "modal-content",
    header_class = "modal-header",
    title_class = "modal-title",
    body_class = "modal-body",
    footer_class = "modal-footer"
)

```

Arguments

| | |
|----------------------------|---|
| <code>id</code> | A string, an id for the modal (to launch the modal, reference this id in the HTML element that will launch the modal. See example below). |
| <code>title</code> | A string, likely HTML, displayed as the title of the modal. |
| <code>body</code> | A string, likely HTML, displayed as the body of the modal. |
| <code>footer</code> | A string, likely HTML, displayed at the bottom of the modal. |
| <code>modal_class</code> | A string, the class added to the the div wrapping the dialog. |
| <code>dialog_class</code> | A string, the class added to the the div wrapping the content wrapper. |
| <code>content_class</code> | A string, the class added to the the div wrapping the content (header, body, footer). |
| <code>header_class</code> | A string, the class added to the the div wrapping the header. |
| <code>title_class</code> | A string, the class added to the the div wrapping the title. |
| <code>body_class</code> | A string, the class added to the div wrapping the body. |
| <code>footer_class</code> | A string, the class added to the div wrapping the footer. |

Value

A string of HTML.

Examples

```

div(
  button(
    type = "button",
    class = "btn btn-primary",
    custom_attr = list(
      "data-bs-toggle" = "modal",
      "data-bs-target" = "#modal1"
    ),
    "Launch Modal"
  ),
  bs_modal(
    id = "modal1",
    body = p("Here is the modal.")
  )
)

```

bs_nav

*Create a Bootstrap nav***Description**

Create a Bootstrap nav

Usage

```
bs_nav(
  items = list(),
  vertical = FALSE,
  tabs = FALSE,
  pills = FALSE,
  fill = FALSE,
  justified = FALSE,
  nav_class = "nav",
  background_class = NULL,
  text_class = NULL,
  background_color = NULL,
  ul_class = "nav",
  li_class = "nav-item",
  a_class = "nav-link"
)
```

Arguments

| | |
|------------------|--|
| items | A list, creates nav elements. If a list item is named, names should be links and values should be text to display in the nav for that link. Names will be passed to the href param and values to the main content of the <code>html5::a()</code> function which will be wrapped by the <code>html5::li()</code> function, each of which have Bootstrap classes added by default. If an item in the list is not named, the item must be valid HTML with appropriate Bootstrap classes added manually. For example, to add a drop-down, add an unnamed item to the list with HTML defining the drop-down as the value of the item. |
| vertical | TRUE/FALSE, if TRUE, |
| tabs | TRUE/FALSE, if TRUE, |
| pills | TRUE/FALSE, if TRUE, |
| fill | TRUE/FALSE, if TRUE, |
| justified | TRUE/FALSE, if TRUE, |
| nav_class | A string, default class used for the "nav" tag wrapping the nav elements. |
| background_class | A string, a Bootstrap background class such as "bg-primary" that gets appended to nav_class. |

| | |
|------------------|--|
| text_class | A string, a Bootstrap text class such as "navbar-dark" that gets appended to nav_class. |
| background_color | A string, a CSS color (ex. "#00FFFF"). Background-class will overrule this, so setting background_class to NULL will ensure the background color is applied. |
| ul_class | A string, default class used for the "ul" tag wrapping the nav elements. |
| li_class | A string, default class used for the "li" tags wrapping the nav elements if the input list item is named. |
| a_class | A string, default class used for the "a" tags wrapping the nav elements if the input list item is named. |

Value

A string of HTML.

Examples

```
bs_nav(
  items = list(
    "#" = "Option 1",
    "#" = "Option 2",
    "#" = "Option 3"
  )
)
```

 bs_navbar

Create a Bootstrap navbar

Description

Create a Bootstrap navbar

Usage

```
bs_navbar(
  brand = list(),
  from_left = list(),
  from_right = list(),
  id = sampleStr(10),
  navbar_class = "navbar",
  background_class = "bg-primary",
  text_class = "navbar-dark",
  background_color = NULL,
  expand = "lg",
  fluid = FALSE,
  ul_class = "navbar-nav",
  li_class = "nav-item",
  a_class = "nav-link"
)
```


Arguments

| | |
|------------------|--|
| brand | A named list of length 1, name should be a value suitable for the href param of <code>html5::a()</code> and the value is the HTML or text to display in the a tag. |
| from_left | A list, creates navbar elements arranged to the left. If a list item is named, names should be links and values should be text to display in the navbar for that link. Names will be passed to the href param and values to the main content of the <code>html5::a()</code> function which will be wrapped by the <code>html5::li()</code> function, each of which have Bootstrap classes added by default. If an item in the list is not named, the item must be valid HTML with appropriate Bootstrap classes added manually. For example, to add a drop-down, add an unnamed item to the list with HTML defining the drop-down as the value of the item. |
| from_right | A list, creates navbar elements arranged to the right. If a list item is named, names should be links and values should be text to display in the navbar for that link. Names will be passed to the href param and values to the main content of the <code>html5::a()</code> function which will be wrapped by the <code>html5::li()</code> function, each of which have Bootstrap classes added by default. If an item in the list is not named, the item must be valid HTML with appropriate Bootstrap classes added manually. For example, to add a drop-down, add an unnamed item to the list with HTML defining the drop-down as the value of the item. |
| id | A string, used to control the collapse/expand functionality. Defaults to a random string. |
| navbar_class | A string, the class passed to the nav tag. |
| background_class | A string, a Bootstrap background class such as "bg-primary" that gets appended to navbar_class. |
| text_class | A string, a Bootstrap navbar text class such as "navbar-dark" that gets appended to navbar_class. |
| background_color | A string, a CSS color (ex. "#00FFFF"). Background-class will overrule this, so setting background_class to NULL will ensure the background color is applied. |
| expand | A string, the break-point at which the navbar should expand or collapse. One of "sm", "md", "lg", "xl", "xxl". If NULL, does not add classes to expand or collapse. |
| fluid | TRUE/FALSE, if TRUE, makes the container wrapping the navbar elements fluid (use the entire screen width or not). |
| ul_class | A string, default class used for the "ul" tag wrapping the navbar elements. |
| li_class | A string, default class used for the "li" tags wrapping the navbar elements if the input list item is named. |
| a_class | A string, default class used for the "a" tags wrapping the navbar elements if the input list item is named. |

Value

A string of HTML.

Examples

```

bs_navbar(
  fluid = TRUE,
  brand = list("#" = "Sample Brand"),
  from_left = list(
    "/" = "Home",
    "/about" = "About"
  ),
  from_right = list(
    "/options" = "Options"
  )
)

```

bs_pagination

Create a Bootstrap pagination nav

Description

Create a Bootstrap pagination nav

Usage

```

bs_pagination(
  items = list(),
  ul_class = "pagination",
  li_class = "page-item",
  a_class = "page-link"
)

```

Arguments

| | |
|----------|---|
| items | A list, creates nav elements. If a list item is named, names should be links and values should be text to display in the pagination bar for that link. Names will be passed to the href param and values to the main content of the <code>html5::a()</code> function which will be wrapped by the <code>html5::li()</code> function, each of which have Bootstrap classes added by default. If an item in the list is not named, the item must be valid HTML with appropriate Bootstrap classes added manually. |
| ul_class | A string, default class used for the "ul" tag wrapping the nav elements. |
| li_class | A string, default class used for the "li" tags wrapping the nav elements if the input list item is named. |
| a_class | A string, default class used for the "a" tags wrapping the nav elements if the input list item is named. |

Value

A string of HTML.

Examples

```

bs_pagination(
  items = list(
    "#" = "Previous",
    "#" = "1",
    "#" = "2",
    "#" = "3",
    "#" = "Next"
  )
)

```

bs_row

Create a Bootstrap row div

Description

Create a Bootstrap row div

Usage

```

bs_row(
  ...,
  row_cols = NULL,
  align_items = NULL,
  justify_content = NULL,
  horizontal_gutter = NULL,
  vertical_gutter = NULL,
  gutter = NULL,
  custom_class = NULL
)

```

Arguments

| | |
|-------------------|--|
| ... | A string or strings of HTML content to include in the row div. |
| row_cols | An integer, the number of columns to use for rendering content. |
| align_items | A string, likely one of "start", "center", or "end", that gets appended to "align-items-". |
| justify_content | A string, such as "md-center", that gets appended to "justify-content-". |
| horizontal_gutter | An integer, controls the horizontal gutter width, gets appended to "gx-". |
| vertical_gutter | An integer, controls the vertical gutter width, gets appended to "gy-". |
| gutter | An integer, controls the horizontal and vertical gutter width, gets appended to "g-". |
| custom_class | A string, allows custom classes to be appended to the row class |

Value

A string of HTML.

Examples

```
bs_row(
  bs_col(p("Col 1")),
  bs_col(p("Col 2"))
)
```

 bs_select

Create a HTML select tag configured with Bootstrap classes

Description

Create a HTML select tag configured with Bootstrap classes

Usage

```
bs_select(
  ...,
  id,
  label = NULL,
  div_class = NULL,
  select_class = "form-select",
  label_class = "form-label",
  text = NULL,
  text_class = "form-text",
  multiple = FALSE,
  select_args = list()
)
```

Arguments

| | |
|--------------|--|
| ... | A string or strings of HTML to pass to <code>html5::select()</code> , most likely a sequence of option tags. |
| id | A string, the id/name for the select, passed to the id and name params of <code>html5::select()</code> . |
| label | A string, the label to use for the select, passed to <code>html5::label()</code> . |
| div_class | A string, the class of the div tag surrounding the the label and select tags. |
| select_class | A string, the class of the select tag. |
| label_class | A string, the class of the label tag. |
| text | A string, text or HTML to display with the select and label tags. |
| text_class | A string, the class of the text or HTML to display with the select and label tags. |
| multiple | TRUE/FALSE, if TRUE, adds the "multiple" attribute to the select tag. |
| select_args | A named list, names should correspond to a parameter of the <code>html5::select()</code> function and values will be passed to that parameter. |

Value

A string of HTML.

Examples

```
bs_select(  
  option(value = 1, "Option One"),  
  option(value = 2, "Option Two"),  
  id = "example1",  
  label = "Example Select Input"  
)
```

bs_table

Create a HTML table configured with Bootstrap classes

Description

Create a HTML table configured with Bootstrap classes

Usage

```
bs_table(  
  x = list(),  
  headers = NULL,  
  table_class = "table",  
  row_class = "table",  
  cell_class = "table",  
  responsive = FALSE,  
  responsive_breakpoint = NULL,  
  thead_class = NULL,  
  tbody_class = NULL,  
  striped = FALSE,  
  hoverable = FALSE,  
  bordered = FALSE,  
  border_theme = NULL,  
  borderless = FALSE  
)
```

Arguments

| | |
|-------------|--|
| x | A list with entries of equal length (use <code>as.list(dataframe)</code> to convert a data frame to a list). |
| headers | A vector of names to use as table headers instead of the list names (or 1, 2, 3, etc. if list is not named). |
| table_class | A string, the class of the table tag. |
| row_class | A string, the class of the tr tag. |

| | |
|-----------------------|---|
| cell_class | A string, the class of the th/td tag. |
| responsive | TRUE/FALSE, if TRUE, wraps the table in a div with class "table-responsive". |
| responsive_breakpoint | A string, gets appended to class "table-responsive-" in a div wrapping the table. One of "sm", "md", "lg", "xl", "xxl". |
| thead_class | A string, the class of the thead tag. |
| tbody_class | A string, the class of the tbody tag. |
| striped | TRUE/FALSE, if TRUE, adds "table-striped" to the table class. |
| hoverable | TRUE/FALSE, if TRUE, adds "table-hover" to the table class. |
| bordered | TRUE/FALSE, if TRUE, adds "table-bordered" to the table class. |
| border_theme | A string, one of the Bootstrap color themes (ex. "primary", "secondary", "warning", etc.). |
| borderless | TRUE/FALSE, if TRUE (and bordered is FALSE), adds "table-borderless" to the table class. |

Value

A string of HTML.

Examples

```
bs_table(
  x = list(
    col1 = c(1, 2, 3, 4, 5),
    col2 = c("a", "b", "c", "d", "e"),
    col3 = c(1, 2, 3, 4, 5),
    col4 = c("test", "test", "test", "test", "test")
  ),
  headers = c("First", "Second", "Third", "Fourth"),
  table_class = "table table-primary",
  row_class = "table table-primary",
  cell_class = "table table-primary"
)
```

 bs_textarea

Create a HTML textarea tag configured with Bootstrap classes

Description

Create a HTML textarea tag configured with Bootstrap classes

Usage

```

bs_textarea(
  id,
  value = NULL,
  label = NULL,
  placeholder = NULL,
  rows = NULL,
  custom_height = NULL,
  div_class = NULL,
  textarea_class = "form-control",
  label_class = "form-label",
  text = NULL,
  text_class = "form-text",
  textarea_args = list(),
  inline = FALSE
)

```

Arguments

| | |
|----------------|--|
| id | A string, the id/name for the textarea, passed to the id and name params of <code>html5::textarea()</code> . |
| value | A string, the value of the textarea, passed to the value param of <code>html5::textarea()</code> . |
| label | A string, the label to use for the textarea, passed to <code>html5::label()</code> . |
| placeholder | A string, passed to the placeholder param of <code>html5::textarea()</code> . |
| rows | An integer, the number of rows for the textarea, passed to the rows param of <code>html5::textarea()</code> . |
| custom_height | A string, should indicate a number and unit (ex. "100px") that gets appended to "height: " and passed to the style param of <code>html5::textarea()</code> . |
| div_class | A string, the class of the div tag surrounding the the label and textarea tags. |
| textarea_class | A string, the class of the textarea tag. |
| label_class | A string, the class of the label tag. |
| text | A string, text or HTML to display with the textarea and label tags. |
| text_class | A string, the class of the text or HTML to display with the textarea and label tags. |
| textarea_args | A named list, names should correspond to a parameter of the <code>html5::textarea()</code> function and values will be passed to that parameter. |
| inline | TRUE/FALSE, if TRUE, adds a div and classes to display the label and textarea and text in the same line. |

Value

A string of HTML.

Examples

```
bs_textarea(
  id = "example1",
  label = "Example Text Area Input"
)
```

| | |
|-------------|--|
| listExtract | <i>Extract the values from each entry in a list of vectors at a specific index</i> |
|-------------|--|

Description

Extract the values from each entry in a list of vectors at a specific index

Usage

```
listExtract(x, pos)
```

Arguments

| | |
|-----|---|
| x | A list, each item of the list should have equal length. |
| pos | A integer, the position to extract from each entry in the list. |

Value

A list.

Examples

```
listExtract(list(col1 = c(1, 2, 3, 4, 5), col2 = c("a", "b", "c", "d", "e")), 3)
```

| | |
|-----------|--|
| sampleStr | <i>Generates (pseudo)random strings of the specified char length</i> |
|-----------|--|

Description

Generates (pseudo)random strings of the specified char length

Usage

```
sampleStr(char)
```

Arguments

| | |
|------|---|
| char | A integer, the number of chars to include in the output string. |
|------|---|

sampleStr

25

Value

A string.

Examples

`sampleStr(10)`

Index

[bs_accordion](#), 2
[bs_card](#), 3
[bs_carousel](#), 4
[bs_clearfix](#), 5
[bs_col](#), 5
[bs_col_break](#), 7
[bs_collapse](#), 6
[bs_container](#), 8
[bs_doc](#), 9
[bs_dropdown](#), 9
[bs_figure](#), 10
[bs_img](#), 11
[bs_input](#), 12
[bs_modal](#), 13
[bs_nav](#), 15
[bs_navbar](#), 16
[bs_pagination](#), 18
[bs_row](#), 19
[bs_select](#), 20
[bs_table](#), 21
[bs_textarea](#), 22

[listExtract](#), 24

[sampleStr](#), 24