

Package: nextGenShinyApps (via r-universe)

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Type Package

Title Craft Exceptional 'R Shiny' Applications and Dashboards with Novel Responsive Tools

Version 2.0.1

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Description Nove responsive tools for designing and developing 'Shiny' dashboards and applications. The scripts and style sheets are based on 'jQuery' <<https://jquery.com/>> and 'Bootstrap' <<https://getbootstrap.com/>>.

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URL <https://nextgenshinyapps.obi.obianom.com>

BugReports <https://github.com/oobianom/nextGenShinyApps>

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accordion	<i>Generate an accordion</i>
-----------	------------------------------

Description

Wrap one or more accordion items into a container

Usage

```
accordion(..., id, style = c("default", "1", "2", "3", "4"), uncollapsed = 1)
```

Arguments

...	The accordionItem elements to include within the body of the particular accordion
id	The identification of the accordion
style	Style of the accordion, use "default", "1", "2", "3", "4"
uncollapsed	Indicate by number which accordionItem should not be collapsed

Value

HTML of a container with a class called accordion

Examples

```
if(interactive()){  
  
# Example 1  
  
library(shiny)  
library(nextGenShinyApps)  
  
shiny::shinyApp(  
  ui = fluidPage(  
    style = "8",  
    custom.bg.color = "#d9d9d9",  
    sidebar = NULL,  
    header = titlePanel(left="Sample Ex1"),  
    accordion(  
      id = "accordion5",  
      style = "4",  
      accordionItem(  
        title = "Accordion 1",  
        "Massa sed elementum sus"  
      ),  
      accordionItem(  
        title = "Accordion 2",  
        "Auctor neque etiam non."  
      )  
    )  
  ),  
  server = function(input, output) {  
  }  
)  
  
# Example 2  
  
library(shiny)  
library(nextGenShinyApps)  
  
shiny::shinyApp(  
  ui = fluidPage(  
    style = "8",  
    custom.bg.color = "#d9d9d9",  
    sidebar = NULL,  
    header = titlePanel(left="Sample Ex1"),  
    accordion(  
      id = "accordion5",  
      style = "4",  
      accordionItem(  
        title = "Accordion 1",  
        "Massa sed elementum sus"  
      ),  
      accordionItem(  
        title = "Accordion 2",  
        "Auctor neque etiam non."  
      )  
    )  
  ),  
  server = function(input, output) {  
  }  
)
```

```

    style = "8",
    custom.bg.color = "#f7c4bb",
    sidebar = NULL,
    header = titlePanel(left="Sample Ex2"),
    accordion(
      id = "accordion5",
      style = "1",
      accordionItem(
        title = "Accordion A",
        icon = shiny::icon("trash"),
        "Massa sed elementum sus"
      ),
      accordionItem(
        title = "Accordion B",
        icon = shiny::icon("edit"),
        "Auctor neque etiam non."
      )
    ),
  ),
  server = function(input, output) {
  }
)

}

```

 accordionItem

Generate an accordion item

Description

Embed an accordion item within an accordion

Usage

```

accordionItem(
  ...,
  title = "A title",
  status = c("default", "primary", "secondary", "info", "success", "danger", "warning"),
  icon = NULL
)

```

Arguments

...	The elements to include within the body of the particular accordion
title	The title of the accordion item

status	Set the header background using either of "default", "primary", "secondary", "info", "success", "danger", "warning"
icon	Include an icon to the left of the title for the accordion item

Value

A list of properties for an accordion item

Examples

```
if (interactive()) {
  accordionItem(
    title = "Accordion 2",
    icon = shiny::icon("cog"),
    "Auctor neque etiam non."
  )
}
```

actionButton	<i>Create a button</i>
--------------	------------------------

Description

Upgrade to the actionButton in 'Shiny' package

Usage

```
actionButton(
  inputId,
  label,
  icon = NULL,
  width = NULL,
  ...,
  size = c("m", "xs", "s", "l", "xl"),
  style = c("default", "pill", "round", "clean"),
  bg.type = c("default", "primary", "secondary", "info", "success", "danger", "warning"),
  outline = FALSE
)
```

Arguments

inputId	Input identification
label	Input label
icon	Choice of button icon
width	Width of the bottom
...	other elements or attributes for the button

size	Size of the button, choices include "m", "xs", "s", "l", "xl"
style	Style of the button, choices include "default", "pill", "round", "clean"
bg.type	Color of the button, choices include "default", "primary", "secondary", "info", "success", "danger", "warning"
outline	Use an outline styling, TRUE or FALSE

Value

HTML of the buttons to insert into a page

Examples

```
if (interactive()) {
  shiny::div(actionButton("button",
    "Action button with primary color",
    icon = shiny::icon("folder"), bg.type = "primary"
  ))
  shiny::div(actionButton("button",
    "Action button with primary color",
    icon = shiny::icon("file"),
    bg.type = "danger", outline = TRUE
  ))
}
```

alert

Create an alert

Description

Create an alert with various styles

Usage

```
alert(
  ...,
  type = c("default", "standard"),
  close = FALSE,
  color = c("none", "primary", "secondary", "info", "success", "danger", "warning"),
  outline = FALSE,
  icon = NULL
)
```

Arguments

...	Content of the alert
type	Choose a style for the alert, choices include "default", "standard"
close	Allow alert to be closable, TRUE or FALSE
color	Color of the alert, choose between "none", "primary", "secondary", "info", "success", "danger", "warning"
outline	Include an outline and exclude background, TRUE or FALSE
icon	Include an icon to the left of the content

Value

HTML of an alert box to be inserted within a page

Examples

```
if (interactive()) {  
  card(  
    header = FALSE,  
    shiny::h2("Standard alert (closeable)"),  
    alert("EX1", type = "standard",  
          color = "primary"),  
    alert("EX2", type = "standard",  
          color = "secondary"),  
    alert("EX3", type = "standard",  
          color = "secondary", outline = TRUE),  
    alert("EX4", type = "standard",  
          color = "danger", outline = TRUE, close = TRUE),  
    alert("EX5", type = "standard",  
          close = TRUE),  
    alert("EX6", type = "standard",  
          color = "primary", icon = shiny::icon("info"))  
  )  
}
```

altPanel

New sidebar panel to display content

Description

Customizable sidebar panel for inclusion of various UI elements

Usage

```
altPanel(..., width = 4, border = FALSE, shadow = FALSE)
```

Arguments

...	List of content
width	Width of the sidebar panel
border	Should border be declared for the panel
shadow	Should a shadow be added to the panel

Value

Creates an alternate container for displaying contents

Note

For more information on the features of the sidebar panel, look through the Github examples

Examples

```
altPanel('content 2')
```

card

Generate a flexible and extensible content container

Description

Widely used Bootstrap feature with improvements to allow collapse, minimize and closing

Usage

```
card(  
  ...,  
  title = "Standard Card",  
  collapsed = FALSE,  
  bg.fade = TRUE,  
  width = 12,  
  header.bg = letters[1:13],  
  alert.text = NULL,  
  alert.bg = c("primary", "warning", "secondary", "info", "success", "danger"),  
  toolbar = NULL,  
  header = TRUE,  
  draggable = TRUE,  
  id = NULL  
)
```

Arguments

<code>...</code>	The elements to include within the body of the card
<code>title</code>	The text to display in the header title
<code>collapsed</code>	If TRUE, the card is collapsed. The default is FALSE
<code>bg.fade</code>	If TRUE, the background will be faded if a background exists
<code>width</code>	Select a width from 1 to 12 to indicate the size of the card
<code>header.bg</code>	Header background color style, choices 1 to 11
<code>alert.text</code>	Enter text for the alert portion. Leave as NULL to exclude the alert
<code>alert.bg</code>	Indicate the type of alert to include, choices are "primary", "warning", "secondary", "info", "success", "danger"
<code>toolbar</code>	The default is NULL, which means all toolbar will be displayed use this to set what toolbar to show.
<code>header</code>	If FALSE, the header will be excluded
<code>draggable</code>	If FALSE, the card will not be draggable
<code>id</code>	unique card id

Value

HTML code of the container with a class called card that holds the items

Note

For more information on the features of the card, visit the examples section of the help documentation

Examples

```
# Example 1
if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)

  shiny::shinyApp(
    ui = fluidPage(
      style = "4",
      custom.bg.color = "lightblue",
      sidebar = NULL,
      header = titlePanel(left="Card Ex2"),
      wrapper(
        altPanel(
          card(
            title = "Standard card",
            collapsed = TRUE,
            alert.text = "An alert2 for the content",
            alert.bg = "warning",
            toolbar = list(collapse = TRUE,
                          maximize = TRUE,
```

```

        close = FALSE,
        menu = TRUE),
      shiny::h3("Sample text"),
      "Lorem ipsum dolor sit a"
    )),
    mainPanel(
      card(
        title = "Standard card 2",
        shiny::h1("Sample text"),
        "Lorem ipsum dolor sit a"
      ))
  )
),
server = function(input, output) {
}
}

# Example 2
if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)

  shiny::shinyApp(
    ui = fluidPage(
      style = "8",
      custom.bg.color = "#d9d9d9",
      sidebar = NULL,
      header = titlePanel(left="Card Ex1"),
      wrapper(
        altPanel(width = 12,
          card(
            title = "Standard card",
            alert.text = "An alert1 for the content",
            shiny::h3("Sample text"),
            "Lorem ipsum dolor sit a"
          ),
          card(
            title = "Standard card",
            collapsed = TRUE,
            alert.text = "An alert2 for the content",
            alert.bg = "warning",
            toolbar = list(collapse = TRUE,
                          maximize = TRUE,
                          close = FALSE,
                          menu = TRUE),
            shiny::h3("Sample text"),
            "Lorem ipsum dolor sit a"
          ))
      )
    ),
    server = function(input, output) {
}

```

```
    )  
}
```

`checkboxInput`*Create an advanced checkbox input*

Description

Modifications to checkboxinput to allow added styles

Usage

```
checkboxInput(inputId, label, value = FALSE, width = NULL, inline = FALSE)
```

Arguments

<code>inputId</code>	The identification name
<code>label</code>	The label for the input
<code>value</code>	The current value of the input
<code>width</code>	width of the text input
<code>inline</code>	make inline or block format

Value

HTML elements of a checkbox

Note

For more information on the features of the form, visit the examples section of the help documentation

Examples

```
checkboxInput("somevalue", "Some value", FALSE)  
checkboxInput("somevalue", "Some value", value = FALSE, inline = TRUE)  
checkboxInput("somevalue", "Some value", FALSE)
```

cssjsinclude	<i>Include stylesheets and scripts</i>
--------------	--

Description

Use the package scripts and stylesheets in a page

Usage

cssjsinclude(template, color)

Arguments

- | | |
|----------|-------------------------------|
| template | The template type |
| color | The numeric style of template |

Value

A list of files to be inserted in the header of a page

Examples

cssjsinclude('core','3')

dashboardBody	<i>Create the body section of the application</i>
---------------	---

Description

Create a simple body containing a header and a content for the main body

Usage

dashboardBody(header, ...)

Arguments

- | | |
|--------|--|
| header | OPTIONAL. Items to display in the header section (use the titlePanel() function to set this property). |
| ... | The elements to include within the body of the modal |

Value

An HTML of the body of the page

Note

Endeavor to use as standalone and not within the fluidPage, as this function it already called within fluidPage

Examples

```
if (interactive()) {  
  dashboardBody(  
    header = titlePanel(  
      left = "Sample nextGenShinyApps Title",  
      right = shiny::icon("user")  
    ),  
    "sample text for main body"  
  )  
}
```

flexBox

Container to fit all containers horizontally

Description

Fit containers horizontally

Usage

```
flexBox(..., border = FALSE, shadow = FALSE)
```

Arguments

...	List of content
border	Should border be declared for the panel
shadow	Should a shadow be added to the panel

Value

Creates a a box to fit all boxes within

Examples

```
flexBox(shiny::div("Div 1"),shiny::div("Div 2"),shiny::div("Div 1"))
```

fluidPage

Generate a container for the application

Description

An upgrade to the fluidPage function available in the 'Shiny' package

Usage

```
fluidPage(
  ...,
  id = NULL,
  header = NULL,
  sidebar = NULL,
  class = NULL,
  style = rand.sc13,
  custom.bg.color = NULL,
  modal.header.links = NULL
)
```

Arguments

...	The elements to include within the body of the page
id	OPTIONAL. Identification tag of the container
header	OPTIONAL. Items to display in the header section (use the titlePanel() function to set this property).
sidebar	OPTIONAL. Items to display in the sidebay section (use the sidebarPanel() function to set this property).
class	OPTIONAL. Class name for the container
style	OPTIONAL. Various unique styles choices from 1 - 12
custom.bg.color	OPTIONAL. Choice to change the background color of the container. Use HEX values such as #FFFFFF or RGB code such as rgb(255,255,255) or simple color name such as 'lightblue'
modal.header.links	OPTIONAL. One or more list containing links that appear when the app title is clicked. To remove, set to NULL

Value

A rendered HTML of the container holder of the application items

Note

This global layout can be applied to a variety of shiny app and dashboard, with or without a sidebar. See the example below.

Examples

```

if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)

  shiny::shinyApp(
    ui = fluidPage(
      style = "6",
      header = titlePanel(left = "Sample App Title",
        right = "Image/logo"),
      sidebar = sidebarPanel(
        title = "myApp",
        "Sample sidebar content"
      ),
      "Sample body content"
    ),
    server = function(input, output) {}
  )
}

```

load.example

*Load examples for the package***Description**

Example shiny applications spanning aspects of the package

Usage

```

load.example(
  example = c("Plain", "noSideBar", "Plotly", "Rhansometable", "Card", "Tab", "Modal",
    "Form", "Button", "Spinner", "Alert", "Accordion")
)

```

Arguments

example	choose the example to show - "Plain","noSideBar","Plotly","Rhansometable", "Card","Tab","Modal","Form","Button","Spinner","Alert","Accordion"
---------	--

Value

A rendered HTML of the user specified example file

Options for example

"Plain", "noSideBar", "Plotly", "Rhansometable", "Card", "Tab", "Modal", "Form", "Button", "Spinner", "Alert", "Accordion"

Examples

```
if (interactive()) {
  load.example(example = "Card")
}
```

mainPanel	<i>Main panel to display content</i>
-----------	--------------------------------------

Description

Customizable main panel for inclusion of various UI elements

Usage

```
mainPanel(..., width = 8, border = FALSE, shadow = FALSE)
```

Arguments

...	List of content
width	Width of the main panel
border	Should border be declared for the panel
shadow	Should a shadow be added to the panel

Value

Creates a container for displaying contents

Note

For more information on the features of the main panel, look through the Github examples

Examples

```
mainPanel('content 1')
```

masterButton	Create a master button
--------------	------------------------

Description

A master button creator

Usage

```
masterButton(  
    inputId,  
    text = "Text",  
    icon = NULL,  
    width = NULL,  
    size = c("m", "xs", "s", "l", "xl"),  
    style = c("default", "pill", "round", "clean"),  
    bg.type = c("default", "primary", "secondary", "info", "success", "danger", "warning"),  
    outline = FALSE,  
    extraClass = NULL,  
    ...  
)
```

Arguments

inputId	input id
text	Button text
icon	Choice of button icon
width	Width of the bottom
size	Size of the button, choices include "m","xs", "s", "l", "xl"
style	Style of the button, choices include "default", "pill", "round", "clean"
bg.type	Color of the button, choices include "default", "primary", "secondary", "info", "success", "danger", "warning"
outline	Use an outline styling, TRUE or FALSE
extraClass	other class names to add to the button attribute
...	Other elements to add to the button

Value

HTML of the buttons to insert into a page

Examples

```
if (interactive()) {
  card(
    shiny::h2("Master buttons with various styles"),
    header = FALSE,
    shiny::div(masterButton("Submit button with primary color",
      icon = shiny::icon("file"), size = "s", bg.type = "primary"
    ))
  )
}
```

modal.header

Create hyperlink modal section that appears ONLY when the sidebar logo is clicked

Description

Additional tab section for additional links

Usage

```
modal.header(...)
```

Arguments

... The list of tabs to include

Value

An HTML containing elements of links to be inserted in the header of a page

Examples

```
if (interactive()) {
  list1 <- list(
    title = "Home", icon = shiny::icon("home"),
    link = "https://google.com"
  )
  list2 <- list(
    title = "Docs", icon = shiny::icon("folder"),
    link = "https://obi.obianom.com"
  )

  modal.header(list(list1, list2))
}
```

modalDialog	<i>Generate a modal box</i>
-------------	-----------------------------

Description

Advanced modal dialog that allows various positioning and transparency

Usage

```
modalDialog(  
  ...,  
  title = NULL,  
  footer = modalButton("Dismiss"),  
  size = c("m", "s", "l", "xl"),  
  easyClose = FALSE,  
  fade = TRUE,  
  position = c("centered", "left", "right", "top", "bottom"),  
  transparent = FALSE  
)
```

Arguments

...	The elements to include within the body of the modal
title	The text to display in the header title
footer	Footer list of buttons or text
size	The size of the modal, "m", "s", "l", "xl"
easyClose	Allow simple closing, FALSE or TRUE
fade	Allow fading away or fadin in, FALSE or TRUE
position	Set the position of the modal. Choices include "centered","left","right","top","bottom"
transparent	Allow background transparency, FALSE or TRUE

Value

An HTML containing elements of a modal box that remains hidden until a button is clicked

Note

For more information on the features of the card, visit the examples section of the help documenta-
tion

Examples

```
if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)
  shiny::shinyApp(
    ui = fluidPage(
      style = "8",
      custom.bg.color = "white",
      sidebar = NULL,
      header = NULL,
      shiny::h3("Modal EXAMPLES"),
      shiny::div(actionButton("obianom1", "Show BIG shiny modal on the RIGHT")),
      shiny::br(),
      shiny::div(actionButton("obianom2", "Show SMALL shiny modal on the RIGHT"))
    ),
    server = function(input, output) {
      shiny::observeEvent(input$obianom1, {
        shiny::showModal(modalDialog(
          textInput("dataset", "Enter a data set"),
          shiny::div("Id leo in vitae"),
          size = "l",
          position = "bottom",
        ))
      })
      shiny::observeEvent(input$obianom2, {
        shiny::showModal(modalDialog(
          textInput("dataset", "Enter a data set"),
          shiny::div("Lorem donec massa"),
          size = "l",
          position = "right",
        ))
      })
    }
  )
}
```

nav	Nav tag
-----	---------

Description

A nav tag for creating HTML navigations

Usage

```
nav(class, id = NULL, role = NULL, ...)
```

Arguments

class	The class of the navigation container
id	The identification of the navigation container
role	The character role of the container on the page
...	The content of the container

Value

HTML content of a container with type nav

Examples

```
nav('sample','id1','sample','some content')
```

rand.num	<i>Random number between 1 and 10000</i>
----------	--

Description

One or more random numbers

Usage

```
rand.num(num)
```

Arguments

num	The number of numbers to return
-----	---------------------------------

Value

One or more numbers

Examples

```
rand.num(10)
```

row	<i>Generate a row div</i>
-----	---------------------------

Description

A simple row div

Usage

```
row(...)
```

Arguments

... The elements to include within the body of the row

Value

An HTML containing elements of a container with class row to be embedded in a page

Examples

```
row(shiny::div(width=12,"Hello nextGenShinyApps"))
```

setup.toolbar.buttons	<i>Generate toolbar buttons</i>
-----------------------	---------------------------------

Description

Use within a card to display toolbar

Usage

```
setup.toolbar.buttons(...)
```

Arguments

... The list of buttons to display

Value

HTML code of a container containing items to be inserted in the toolbar

Note

For more information on the features of a toolbar within a card, visit the examples section of the help documentation

Examples

```
setup.toolbar.buttons(list(maximize=TRUE,collapse=TRUE,close=TRUE))
```

setup.toolbar.menu	<i>Generate toolbar menu</i>
--------------------	------------------------------

Description

Use within a card to display menu

Usage

```
setup.toolbar.menu(...)
```

Arguments

... The list declaring whether to show menu

Value

HTML code of a container containing menu to be inserted in the toolbar if declared TRUE

Note

For more information on the features of a toolbar within a card, visit the examples section of the help documentation

Examples

```
setup.toolbar.menu(list(menu=TRUE))
```

sidebarLayout	<i>Sidebar layout</i>
---------------	-----------------------

Description

Container for sidebar, optional

Usage

```
sidebarLayout(...)
```

Arguments

... content of the sidebar layout

Value

An HTML containing elements in a container

Examples

```
sidebarLayout("sample text")
```

sidebarPanel	<i>Create the sidebar panel</i>
--------------	---------------------------------

Description

Creates an advanced sidebar panel with colors corresponding to a chosen theme style

Usage

```
sidebarPanel(..., title = "TitleApp", footer = FALSE)
```

Arguments

...	The elements to include within the body of the sidebar
title	Title of the sidebar content
footer	Whether or not to enable the footer content

Value

An HTML containing elements of a sidebar to be embedded in a page

Note

This global layout can be applied to a variety of shiny app and dashboard, with or without a sidebar. See the example below.

Examples

```
if (interactive()) {  
  library(shiny)  
  library(nextGenShinyApps)  
  
  shiny::shinyApp(  
    ui = fluidPage(  
      style = "7",  
      header = NULL,  
      sidebar = sidebarPanel(  
        title = "myApp",  
        "Sample sidebar contents",  
        footer = FALSE  
      ),  
    ),  
  )  
}
```

```
        "Plain content"
    ),
    server = function(input, output) {}
  )
}
```

sortablegrid	<i>Generate a sortable grid</i>
--------------	---------------------------------

Description

A grid that holds draggable items

Usage

```
sortablegrid(..., width = 6, id = NULL)
```

Arguments

...	The elements to include within the body of the grid
width	The width of the grid
id	unique id of grid

Value

HTML code of a container that allows items within it to be draggable

Note

For more information on the features of a sortable grid, visit the examples section of the help documentation

Examples

```
sortablegrid("item1",width=12)
```

 spinner

Create a spinner

Description

Create a loading spinner for customization of outputs

Usage

```
spinner(
  type = c("ring", "grow", "square", "rect"),
  size = c("l", "s"),
  color = c("default", "primary", "secondary", "info", "success", "danger", "warning")
)
```

Arguments

type	Choose a style for the spinner using "ring","grow","square","rect"
size	Size of the spinner, "l" for large and "s" for small
color	Color of the spinner, choose between "default", "primary", "secondary", "info", "success", "danger", "warning"

Value

An HTML containing elements of a spinner to be embedded in a page during loading

Examples

```
if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)

  shiny::shinyApp(
    ui = fluidPage(
      style = "3",
      custom.bg.color = "cyan",
      sidebar = NULL,
      header = NULL,
      card(
        header = FALSE,
        shiny::h2("loading spinner"),
        spinner(type = "rect", size = "s"),
        spinner(type = "rect", color = "primary"),
        spinner(type = "grow", color = "secondary"),
        spinner(type = "ring", color = "success"),
        spinner(type = "rect", color = "warning"),
        spinner(type = "square", color = "danger"),
        spinner(type = "rect", color = "info")
      )
    )
  )
}
```

```

    )
  },
  server = function(input, output) {
  }
}

```

submitButton

*Create a submit button***Description**

Upgrade to the submitButton in 'Shiny' package

Usage

```

submitButton(
  inputId,
  text = "Apply Changes",
  icon = NULL,
  width = NULL,
  size = c("m", "xs", "s", "l", "xl"),
  style = c("default", "pill", "round", "clean"),
  bg.type = c("default", "primary", "secondary", "info", "success", "danger", "warning"),
  outline = FALSE
)

```

Arguments

inputId	input id
text	Button text
icon	Choice of button icon
width	Width of the bottom
size	Size of the button, choices include "m","xs", "s", "l", "xl"
style	Style of the button, choices include "default", "pill", "round", "clean"
bg.type	Color of the button, choices include "default", "primary", "secondary", "info", "success", "danger", "warning"
outline	Use an outline styling, TRUE or FALSE

Value

HTML of the submit buttons to insert into a page

Examples

```
if (interactive()) {
  card(
    shiny::h2("Submit buttons with various styles"),
    header = FALSE,
    shiny::div(submitButton("Submit button with primary color",
      icon = shiny::icon("file"), size = "s", bg.type = "primary"
    )),
    shiny::div(submitButton("Secondary color",
      icon = shiny::icon("folder"), bg.type = "secondary"
    )),
    shiny::div(submitButton("Success color",
      icon = shiny::icon("filter"), bg.type = "success"
    )),
    shiny::div(submitButton("Warning color",
      icon = shiny::icon("grid"), bg.type = "warning"
    )),
    shiny::div(submitButton("Danger color",
      icon = shiny::icon("check"), bg.type = "danger"
    )),
    shiny::div(submitButton("Info color",
      icon = shiny::icon("trash"), bg.type = "info"
    ))
  )
}
```

tabPanel

Create a tab panel item

Description

Create a tab panel item that is enclosed by a tabsetPanel

Usage

```
tabPanel(title, ...)
```

Arguments

title	title of the tab
...	content of the tab

Value

An list containing the title and content of a tab

Examples

```
if (interactive()) {  
  tabPanel("Summary", "Convallis aesus.")  
  tabPanel("Summary", "nextGenShinyAppss.")  
}
```

tabsetPanel	Create an advanced tabset
-------------	---------------------------

Description

Advanced tabset panel with styles and features

Usage

```
tabsetPanel(  
  ...,  
  type = c("default", "pills", "clean", "jPills", "justified"),  
  border = TRUE,  
  justified = FALSE,  
  position = c("left", "end", "center")  
)
```

Arguments

...	Content of the tabset, created using the tabPanel for each individual item
type	Type of tabset to create, choices include "default","pills","clean","jPills","justified"
border	Include a board for the tabset, TRUE or FALSE
justified	Justify tab headers, TRUE or FALSE
position	position of the tabs, choices include "left","end","center"

Value

An HTML containing elements of a tabset to be embedded in a page

Note

Many examples exist for the tabset, fid them using the package load.example function

Examples

```

if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)
  tab2 <- tabPanel("Summary", "SAMPLE nunc.")
  tab3 <- tabPanel("Tab 3", "aoreet sit amet.")
  tab4 <- tabPanel("Tab 4", "Vulputate pulvinar")

  shiny::shinyApp(
    ui = fluidPage(
      style = "8",
      custom.bg.color = "rgb(110,134,032)",
      sidebar = NULL,
      header = NULL,
      tabsetPanel(
        tab2,
        tab3,
        type = "pills",
        justified = TRUE
      )
    ),
    server = function(input, output) {
    }
  )
}

```

template.loc

Template location full text

Description

Fetch the location of the scripts

Usage

```
template.loc(template = "core")
```

Arguments

template The type of template to fetch

Value

A path for the location of the package

Examples

```
template.loc('core')
```

textAreaInput	Create an advanced text area input
---------------	------------------------------------

Description

Modifications to 'textAreaInput' to allow added styles

Usage

```
textAreaInput(  
  inputId,  
  label,  
  value = "",  
  width = NULL,  
  height = NULL,  
  cols = NULL,  
  rows = NULL,  
  placeholder = NULL,  
  resize = c("both", "none", "vertical", "horizontal"),  
  style = c("default", "pill", "round", "clean"),  
  border.type = c("none", "primary", "secondary", "info", "success", "danger", "warning")  
)
```

Arguments

inputId	The identification name
label	The label for the input
value	The current value of the input
width	width of the text input
height	height of the text input
cols	col of text to display
rows	row of text to display
placeholder	A placeholder text
resize	Make inout resizable, with choices "both", "none", "vertical", "horizontal"
style	Style to adapt, options include "default", "pill", "round", "clean"
border.type	Add a border coloring using either of "none", "primary", "secondary", "info", "success", "danger", "warning"

Value

HTML element of a textAreaInput

Note

For more information on the features of the form, visit the examples section of the help documentation

Examples

```
textAreaInput("caption",
    "Sample Text area input",
    "Data Summary",
    width = "1000px", border.type = "success"
)
```

textInput	Create an advanced text input
-----------	-------------------------------

Description

Modifications to textInput to allow added functionality and styles

Usage

```
textInput(
  inputId,
  label,
  value = "",
  width = NULL,
  placeholder = NULL,
  size = c("m", "s", "l", "xl"),
  style = c("default", "pill", "round", "clean"),
  border.type = c("none", "primary", "secondary", "info", "success", "danger", "warning"),
  prepend = NULL,
  append = NULL,
  disabled = FALSE
)
```

Arguments

inputId	The identification name
label	The label for the input
value	The current value of the input
width	width of the text input
placeholder	A placeholder text
size	The size of the input, "m", "s", "l", "xl"
style	Style to adapt, options include "default", "pill", "round", "clean"

<code>border.type</code>	Add a border coloring using either of "none", "primary","secondary", "info", "success", "danger", "warning"
<code>prepend</code>	Add a prepended text or icon
<code>append</code>	Add an appended text or icon
<code>disabled</code>	Boolean. If textInput should be disabled

Value

A HTML with modifications to th style information

Note

For more information on the features of the form, visit the examples section of the help documentation

Examples

```
if (interactive()) {
  library(shiny)
  library(nextGenShinyApps)

  shiny::shinyApp(
    ui = fluidPage(
      style = "8",
      custom.bg.color = "white",
      sidebar = NULL,
      header = NULL,
      card(
        header = FALSE,
        tags$h3("Text input"),
        textInput("caption", "Basic"),
        textInput("caption", "Basic", style = "clean"),
        textInput("caption", "Border - primary",
          "Enter sample text",
          prepend = "@", border.type = "info"
        ),
        textInput("caption", "Border - primary",
          "Enter sample text",
          prepend = shiny::icon("lock")
        ),
        textInput("caption", "Border - primary",
          "Enter sample text",
          append = "%"
        ),
        textInput("caption", "Border - primary",
          "Enter sample text",
          prepend = shiny::icon("chart"),
          append = ".00"
        )
      )
    )
  ),
```

```
server = function(input, output) {  
  }  
}  
}
```

titlePanel	<i>Title panel for the header of the application</i>
------------	--

Description

Used to embed the header within the body of the application

Usage

```
titlePanel(left = "Sample Tile", right = NULL, link = "#")
```

Arguments

left	The title text for the header
right	Content to include on the top right corner
link	Hyperlink to navigate when clicked

Value

An HTML containing elements to insert in a title

Examples

```
if (interactive()) {  
  titlePanel(  
    left = "Sample App Title",  
    right = shiny::div("Image/logo", shiny::icon("trash"))  
  )  
}
```

wrapper	<i>A wrapper for panels</i>
---------	-----------------------------

Description

Create a wrapper div for pannels

Usage

```
wrapper(  
  ...,  
  bg = c("default", "primary", "secondary", "warning", "info", "danger", "success")  
)
```

Arguments

...	div contents
bg	background color of the wrapper

Value

a container for other containers

Examples

```
wrapper(altPanel("hello"),mainPanel("test"))  
wrapper(mainPanel("hello"),shiny::column(width=2,"test"))
```

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