

Package ‘bs4Dash’

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Type Package

Title A 'Bootstrap 4' Version of 'shinydashboard'

Version 0.1.0

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Description Make 'Bootstrap 4' dashboards. Use the full power of 'AdminLTE3', a dashboard template built on top of 'Bootstrap 4' <<https://github.com/almasaeed2010/AdminLTE/tree/v3-dev>>.

URL <https://divadnojnarg.github.io/bs4Dash/index.html>,
<https://github.com/DivadNojnarg/bs4Dash>

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License GPL-2

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`bs4Accordion`*Create a Bootstrap 4 accordion*

Description

Beautiful accordion from AdminLTE3

Usage

```
bs4Accordion(...)
```

Arguments

```
...          Slot for bs4AccordionItem.
```

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4Accordion(
          bs4AccordionItem(
            id = "item1",
            title = "Item 1",
            status = "danger",
            "Anim pariatur cliche reprehenderit, enim
            eiusmod high life accusamus terry richardson ad
            squid. 3 wolf moon officia aute, non cupidatat
            skateboard dolor brunch. Food truck quinoa nesciunt
            laborum eiusmod. Brunch 3 wolf moon tempor, sunt
            aliqua put a bird on it squid single-origin coffee
            nulla assumenda shoreditch et. Nihil anim keffiyeh
            helvetica, craft beer labore wes anderson cred
            nesciunt sapiente ea proident. Ad vegan excepteur
            butcher vice lomo. Leggings occaecat craft beer farm-to-table,
            raw denim aesthetic synth nesciunt you probably haven't
            heard of them accusamus labore sustainable VHS"
```

```

    ),
    bs4AccordionItem(
      id = "item2",
      title = "Item 2",
      status = "warning",
      "Anim pariatur cliche reprehenderit, enim
      eiusmod high life accusamus terry richardson ad
      squid. 3 wolf moon officia aute, non cupidatat
      skateboard dolor brunch. Food truck quinoa nesciunt
      laborum eiusmod. Brunch 3 wolf moon tempor, sunt
      aliqua put a bird on it squid single-origin coffee
      nulla assumenda shoreditch et. Nihil anim keffiyeh
      helvetica, craft beer labore wes anderson cred
      nesciunt sapiente ea proident. Ad vegan excepteur
      butcher vice lomo. Leggings occaecat craft beer farm-to-table,
      raw denim aesthetic synth nesciunt you probably haven't
      heard of them accusamus labore sustainable VHS"
    )
  )
),
server = function(input, output) {}
}

```

 bs4AccordionItem

Create a Bootstrap 4 accordion item

Description

To insert in a bs4Accordion

Usage

```
bs4AccordionItem(..., id, title = NULL, status = NULL, width = 12)
```

Arguments

...	Item content.
id	Item unique id.
title	Item title.
status	Item color. "primary", "success", "warning", "danger" or "info". NULL by default.
width	The width of the accordion.

Author(s)

David Granjon, <dgranjon@ymail.com>

`bs4Alert`*Create a Bootstrap 4 alert*

Description

AdminLTE3 alert

Usage

```
bs4Alert(..., title, closable = TRUE, width = 6, elevation = NULL,  
  status = c("primary", "warning", "danger", "info", "success"))
```

Arguments

<code>...</code>	Alert content.
<code>title</code>	Alert title.
<code>closable</code>	Whether to allow the user to close the alert. FALSE by default.
<code>width</code>	Alert width. Between 1 and 12.
<code>elevation</code>	Alert elevation.
<code>status</code>	Alert status. "primary", "success", "warning", "danger" or "info".

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){  
  library(shiny)  
  library(bs4Dash)  
  
  shiny::shinyApp(  
    ui = bs4DashPage(  
      navbar = bs4DashNavbar(),  
      sidebar = bs4DashSidebar(),  
      controlbar = bs4DashControlbar(),  
      footer = bs4DashFooter(),  
      title = "test",  
      body = bs4DashBody(  
        title = "Alerts",  
        bs4Alert(  
          title = "Be Careful!",  
          status = "danger",  
          closable = FALSE,  
          "Danger alert preview. This alert is not dismissable.  
          A wonderful serenity has taken possession of my entire soul,  
          like these sweet mornings of spring which        )  
      )  
    )  
  )  
}
```

```

      I enjoy with my whole heart."
    ),
    bs4Alert(
      title = "Congratulation!",
      status = "success",
      closable = TRUE,
      elevation = 4,
      "Warning alert preview. This alert is dismissable.
      A wonderful serenity has taken possession of my entire soul,
      like these sweet mornings of spring which
      I enjoy with my whole heart."
    )
  )
),
server = function(input, output) {}
)
}

```

bs4Badge

Create a Bootstrap 4 dashboard badge item

Description

Beautiful badge from AdminLTE3

Usage

```
bs4Badge(..., position = c("left", "right"), status, rounded = FALSE)
```

Arguments

...	Badge content.
position	Badge position: "left" or "right".
status	Bdage color. "primary", "danger", "info", "success", "warning", "secondary", "dark" or "light".
rounded	Whether the badge is rounded instead of square. FALSE by default.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

```

```
shiny::shinyApp(  
  ui = bs4DashPage(  
    navbar = bs4DashNavbar(),  
    sidebar = bs4DashSidebar(),  
    controlbar = bs4DashControlbar(),  
    footer = bs4DashFooter(),  
    title = "test",  
    body = bs4DashBody(  
      bs4Badge(  
        position = "right",  
        status = "warning",  
        "Warning"  
      )  
    )  
  ),  
  server = function(input, output) {}  
)  
}
```

bs4Box

AdminLTE3 simple box

Description

Create nice and epurated box

Usage

```
bs4Box(..., title = NULL, width = 6, height = NULL)
```

Arguments

...	Body content.
title	Box title.
width	The width of the box, using the Bootstrap grid system.
height	The height of a box, in pixels or other CSS unit. By default the height scales automatically with the content.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(
        bs4SidebarMenu(
          bs4SidebarHeader("Main content"),
          bs4SidebarMenuItem(
            "Basic boxes",
            tabName = "boxes",
            icon = "desktop"
          )
        )
      ),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4TabItems(
          bs4TabItem(
            tabName = "boxes",
            fluidRow(
              bs4Box(
                height = "600px",
                title = "Box 1",
                plotOutput("plot"),
                column(
                  width = 12,
                  align = "center",
                  sliderInput(
                    "obs",
                    "Number of observations:",
                    min = 0, max = 1000,
                    value = 500
                  )
                )
              )
            ),
            bs4Box(
              height = "600px",
              title = "Box 2",
              plotOutput("distPlot"),
              column(
                width = 12,
                align = "center",
                radioButtons(
                  "dist",
                  inline = TRUE,
                  "Distribution type:"
                )
              )
            )
          )
        )
      )
    )
  )
}

```



```

        c("Norm" = "norm",
          "Unif" = "unif",
          "LogNorm" = "lnorm",
          "Exp" = "exp")
      )
    )
  )
)
),
server = function(input, output) {
  output$plot <- renderPlot({
    hist(rnorm(input$obs))
  })

  output$distPlot <- renderPlot({
    dist <- switch(
      input$dist,
      norm = rnorm,
      unif = runif,
      lnorm = rlnorm,
      exp = rexp,
      rnorm
    )

    hist(dist(500))
  })
}
}

```

bs4Callout

Create a Bootstrap 4 callout

Description

AdminLTE3 callout

Usage

```
bs4Callout(..., title, width = 6, elevation = NULL, status = c("primary",
  "warning", "danger", "info", "success"))
```

Arguments

...	Callout content.
title	Callout title.

width	Callout width. Between 1 and 12.
elevation	Callout elevation.
status	Callout status. "primary", "success", "warning", "danger" or "info".

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        title = "Callouts",
        bs4Callout(
          title = "I am a danger callout!",
          elevation = 4,
          status = "danger",
          "There is a problem that we need to fix.
          A wonderful serenity has taken possession of
          my entire soul, like these sweet mornings of
          spring which I enjoy with my whole heart."
        ),
        bs4Callout(
          title = "I am a danger callout!",
          status = "warning",
          "This is a yellow callout."
        )
      )
    ),
    server = function(input, output) {}
  )
}

```

Description

Build an adminLTE3 card

Usage

```
bs4Card(..., title = NULL, footer = NULL, status = NULL,
  elevation = NULL, solidHeader = FALSE, headerBorder = TRUE,
  gradientColor = NULL, width = 6, height = NULL, collapsible = TRUE,
  collapsed = FALSE, closable = TRUE, labelStatus = NULL,
  labelText = NULL, labelTooltip = NULL, dropdownMenu = NULL,
  dropdownIcon = "wrench")
```

Arguments

...	Contents of the box.
title	Optional title.
footer	Optional footer text.
status	The status of the item This determines the item's background color. "primary", "success", "warning", "danger". NULL by default.
elevation	Card elevation.
solidHeader	Should the header be shown with a solid color background?
headerBorder	Whether to display a border between the header and body. TRUE by default
gradientColor	If NULL (the default), the background of the box will be white. Otherwise, a color string. "primary", "success", "warning" or "danger".
width	The width of the box, using the Bootstrap grid system. This is used for row-based layouts. The overall width of a region is 12, so the default valueBox width of 4 occupies 1/3 of that width. For column-based layouts, use NULL for the width; the width is set by the column that contains the box.
height	The height of a box, in pixels or other CSS unit. By default the height scales automatically with the content.
collapsible	If TRUE, display a button in the upper right that allows the user to collapse the box.
collapsed	If TRUE, start collapsed. This must be used with collapsible=TRUE.
closable	If TRUE, display a button in the upper right that allows the user to close the box.
labelStatus	status of the box label: "danger", "success", "primary", "warning".
labelText	Label text.
labelTooltip	Label tooltip displayed on hover.
dropdownMenu	List of items in the the boxtool dropdown menu. Use dropdownItemList().
dropdownIcon	Dropdown icon. "wrench" by default.

Author(s)

David Granjon, <dgranjon@gmail.com>

See Also

Other cards: [bs4InfoBox](#), [bs4TabCard](#), [bs4ValueBox](#)

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          column(
            width = 6,
            bs4Card(
              title = "Closable Box with dropdown",
              closable = TRUE,
              width = 12,
              status = "warning",
              solidHeader = FALSE,
              collapsible = TRUE,
              labelText = 1,
              labelStatus = "danger",
              labelTooltip = "Hi Bro!",
              dropdownIcon = "wrench",
              dropdownMenu = dropdownItemList(
                dropdownItem(url = "http://www.google.com", name = "Link to google"),
                dropdownItem(url = "#", name = "item 2"),
                dropdownDivider(),
                dropdownItem(url = "#", name = "item 3")
              ),
              p("Box Content")
            )
          ),
          column(
            width = 6,
            bs4Card(
              title = "Closable Box with gradient",
              closable = TRUE,
              width = 12,
              status = "warning",
              solidHeader = FALSE,
              gradientColor = "success",
              collapsible = TRUE,
              p("Box Content")
            )
          )
        ),
        bs4Card(
          title = "Closable Box with solidHeader",
```

```

        closable = TRUE,
        width = 6,
        solidHeader = TRUE,
        status = "primary",
        collapsible = TRUE,
        p("Box Content")
      )
    )
  ),
  server = function(input, output) {}
)
}

```

bs4Carousel

Create a Bootstrap 4 carousel

Description

Beautiful carousel from AdminLTE3

Usage

```
bs4Carousel(..., id, width = 12)
```

Arguments

...	Slot for bs4CarouselItem.
id	Unique carousel id.
width	Carousel width. Between 1 and 12.

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(

```

```
    title = "Carousel",
    bs4Carousel(
      id = "mycarousel",
      width = 6,
      bs4CarouselItem(
        active = TRUE,
        src = "http://placeholder.it/900x500/39CCCC/ffffff&text=I+Love+Bootstrap"
      ),
      bs4CarouselItem(
        active = FALSE,
        src = "http://placeholder.it/900x500/3c8dbc/ffffff&text=I+Love+Bootstrap"
      ),
      bs4CarouselItem(
        active = FALSE,
        src = "http://placeholder.it/900x500/f39c12/ffffff&text=I+Love+Bootstrap"
      )
    )
  )
),
server = function(input, output) {}
}
```

bs4CarouselItem*Create a Bootstrap 4 carousel item*

Description

To insert in a bs4Carousel

Usage

```
bs4CarouselItem(active = FALSE, src = NULL)
```

Arguments

active	Whether the item is active or not at start.
src	Item path or url.

Author(s)

David Granjon, <dgranjon@gmail.com>

bs4DashBody	<i>Create a Bootstrap 4 dashboard body</i>
-------------	--

Description

Build an adminLTE3 dashboard body

Usage

```
bs4DashBody(...)
```

Arguments

... Body content, slot for bs4TabItems.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4DashControlbar	<i>Create a Bootstrap 4 dashboard right sidebar</i>
-------------------	---

Description

Build an adminLTE3 dashboard right sidebar

Usage

```
bs4DashControlbar(..., skin = "dark", title = NULL)
```

Arguments

... Any UI element.
skin Controlbar skin. "dark" or "light".
title Controlbar title.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4DashFooter

Create a Bootstrap 4 dashboard footer

Description

Build an adminLTE3 dashboard footer

Usage

```
bs4DashFooter(..., copyrights = NULL, right_text = NULL)
```

Arguments

...	Left text.
copyrights	Copyrights, if any.
right_text	Right text.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4DashGallery

Launch the bs4Dash Gallery

Description

A gallery of all components available in bs4Dash.

Usage

```
bs4DashGallery()
```

Examples

```
if (interactive()) {  
  bs4DashGallery()  
}
```

bs4DashNavbar*Create a Bootstrap 4 dashboard navbar*

Description

Build an adminLTE3 dashboard navbar

Usage

```
bs4DashNavbar(..., skin = "light", status = "white", border = TRUE,  
  sidebarIcon = "bars", controlbarIcon = "th", leftUi = NULL,  
  rightUi = NULL)
```

Arguments

...	Any UI element between left and right Ui.
skin	Navbar skin. "dark" or "light".
status	Navbar status. "white" by default: "primary", "danger", "warning", "success", "info", "white" or "gray-light".
border	Whether to separate the navbar and body by a border. TRUE by default.
sidebarIcon	Icon of the main sidebar toggle.
controlbarIcon	Icon to toggle the controlbar (left).
leftUi	Custom left Ui content. Any Ui element.
rightUi	Custom right Ui content. Any Ui element.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4DashPage*Create a Bootstrap 4 dashboard page*

Description

Build an adminLTE3 dashboard page

Usage

```
bs4DashPage(navbar = NULL, sidebar = NULL, body = NULL,  
  controlbar = NULL, footer = NULL, title = NULL, old_school = FALSE)
```

Arguments

navbar	Bootstrap 4 dashboard navbar.
sidebar	Bootstrap 4 dashboard main sidebar.
body	Bootstrap 4 dashboard body wrapper.
controlbar	Bootstrap 4 dashboard control sidebar (right side).
footer	Bootstrap 4 dashboard footer.
title	App title.
old_school	Whether to use the wonderful sketchy design for BS4. FALSE by default.

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody()
    ),
    server = function(input, output) {}
  )
}
```

bs4DashSidebar

Create a Bootstrap 4 dashboard main sidebar

Description

Build an adminLTE3 dashboard main sidebar

Usage

```
bs4DashSidebar(..., title = NULL, skin = "dark", status = "primary",
  brandColor = NULL, url = NULL, src = NULL, elevation = 4,
  opacity = 0.8)
```

Arguments

...	Slot for bs4SidebarMenu.
title	Sidebar title.
skin	Sidebar skin. "dark" or "light"
status	Sidebar status. "primary", "danger", "warning", "success", "info".
brandColor	Brand color. NULL by default: "primary", "danger", "warning", "success", "info", "white" or "gray-light".
url	Sidebar brand link.
src	Sidebar brand image.
elevation	Sidebar elevation. 4 by default.
opacity	Sidebar opacity. From 0 to 1. 0.8 by default.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4DropdownMenu

Create a Bootstrap 4 dashboard dropdown menu

Description

Build an adminLTE3 dashboard dropdown menu

Usage

```
bs4DropdownMenu(..., show = FALSE, labelText = NULL, src = NULL,
  status = c("primary", "warning", "danger", "info", "success"))
```

Arguments

...	Slot for bs4Notification or bs4Message.
show	Whether to start with the dropdown open. FALSE by default.
labelText	Dropdown label text.,
src	Dropdown link to an external ressource.
status	Dropdown menu status. "primary", "success", "warning", "danger" or "info".

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(
        rightUi = bs4DropdownMenu(
          show = TRUE,
          labelText = "!",
          status = "danger",
          src = "http://www.google.fr",
          bs4DropdownMenuItem(
            text = "message 1",
            date = "today"
          ),
          bs4DropdownMenuItem(
            text = "message 2",
            date = "yesterday"
          )
        )
      ),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody()
    ),
    server = function(input, output) {}
  )
}
```

bs4DropdownMenuItem *Create a Bootstrap 4 dashboard dropdown menu item*

Description

Build an adminLTE3 dashboard dropdown menu item

Usage

```
bs4DropdownMenuItem(text, date = NULL, icon = "info-circle")
```

Arguments

text	Item content.
date	Item date.
icon	Item icon.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4InfoBox

Bootstrap 4 info box

Description

A beautiful AdminLTE3 info box.

Usage

```
bs4InfoBox(..., title, value = NULL, icon = NULL, iconElevation = 3,  
            status = NULL, gradientColor = NULL, width = 4, elevation = NULL)
```

Arguments

...	Any extra UI element.
title	Info box title.
value	The value to display in the box. Usually a number or short text.
icon	An icon tag, created by icon .
iconElevation	Icon elevation compared to the main content (relief). 3 by default.
status	A color for the box. "primary", "info", "success", "warning", "danger" or NULL.
gradientColor	If NULL (the default), the background of the box will be white. Otherwise, a color string. "primary", "success", "warning" or "danger".
width	The width of the box, using the Bootstrap grid system. This is used for row-based layouts. The overall width of a region is 12, so the default valueBox width of 4 occupies 1/3 of that width. For column-based layouts, use NULL for the width; the width is set by the column that contains the box.
elevation	Infobox elevation.

Author(s)

David Granjon, <dgranjon@ymail.com>

See Also

Other cards: [bs4Card](#), [bs4TabCard](#), [bs4ValueBox](#)

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          bs4InfoBox(
            title = "Messages",
            value = 1410,
            icon = "envelope"
          ),
          bs4InfoBox(
            title = "Bookmarks",
            status = "info",
            value = 240,
            icon = "bookmark"
          ),
          bs4InfoBox(
            title = "Comments",
            gradientColor = "danger",
            value = 41410,
            icon = "comments"
          )
        )
      )
    ),
    server = function(input, output) {}
  )
}
```

bs4Jumbotron

BS4 jumbotron for AdminLTE3

Description

Create a jumbotron

Usage

```
bs4Jumbotron(..., title = NULL, lead = NULL, href = NULL,
  status = c("primary", "warning", "danger", "info", "success"))
```

Arguments

...	Any content.
title	Jumbotron title.
lead	Jumbotron lead.
href	Jumbotron external link.
status	Jumbotron background color. "primary", "success", "warning", "danger" or "info".

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4Jumbotron(
          title = "Hello, world!",
          lead = "This is a simple hero unit, a simple jumbotron-style
component for calling extra attention to featured
content or information.",
          "It uses utility classes for typography and spacing
to space content out within the larger container.",
          status = "primary",
          href = "http://www.google.fr"
        )
      )
    ),
    server = function(input, output) {}
  )
}
```

Description

Create a list group

Usage

```
bs4ListGroup(..., width = 4)
```

Arguments

...	Slot for bs4ListGroupItem.
width	List group width. 4 by default. Between 1 and 12.

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          bs4ListGroup(
            bs4ListGroupItem(
              type = "basic",
              "Cras justo odio"
            ),
            bs4ListGroupItem(
              type = "basic",
              "Dapibus ac facilisis in"
            ),
            bs4ListGroupItem(
              type = "basic",
              "Morbi leo risus"
            )
          ),
          bs4ListGroup(
            bs4ListGroupItem(
              "Cras justo odio",
              active = TRUE,
              disabled = FALSE,
              type = "action",
```



```
        src = "http://www.google.fr"
    ),
    bs4ListGroupItem(
        active = FALSE,
        disabled = FALSE,
        type = "action",
        "Dapibus ac facilisis in",
        src = "http://www.google.fr"
    ),
    bs4ListGroupItem(
        "Morbi leo risus",
        active = FALSE,
        disabled = TRUE,
        type = "action",
        src = "http://www.google.fr"
    )
),
bs4ListGroup(
    bs4ListGroupItem(
        "Donec id elit non mi porta gravida at eget metus.
        Maecenas sed diam eget risus varius blandit.",
        active = TRUE,
        disabled = FALSE,
        type = "heading",
        title = "List group item heading",
        subtitle = "3 days ago",
        footer = "Donec id elit non mi porta."
    ),
    bs4ListGroupItem(
        "Donec id elit non mi porta gravida at eget metus.
        Maecenas sed diam eget risus varius blandit.",
        active = FALSE,
        disabled = FALSE,
        type = "heading",
        title = "List group item heading",
        subtitle = "3 days ago",
        footer = "Donec id elit non mi porta."
    )
)
)
)
)
),
server = function(input, output) {}
)
}
```

Description

Create a list group item

Usage

```
bs4ListGroupItem(..., active = FALSE, disabled = FALSE, type = c("basic",  
  "action", "heading"), src = "#", title = NULL, subtitle = NULL,  
  footer = NULL)
```

Arguments

...	Item content.
active	Whether the item is active or not. FALSE by default. Only if type is "action" or "heading".
disabled	Whether the item is disabled or not. FALSE by default. Only if type is "action" or "heading".
type	Item type. Choose between "basic", "action" and "heading".
src	Item external link.
title	Item title (only if type is "heading").
subtitle	Item subtitle (only if type is "heading").
footer	Item footer content (only if type is "heading").

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4Loading

AdminLTE3 loading state element

Description

When a section is still work in progress or a computation is running

Usage

```
bs4Loading()
```

Note

Loading state can be programmatically used when a computation is running for instance.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        title = "Callouts",
        bs4Card(
          title = "Loading State",
          bs4Loading()
        )
      )
    ),
    server = function(input, output) {}
  )
}

```

bs4ProgressBar

*Create a Bootstrap 4 progress bar***Description**

AdminLTE3 progress bar

Usage

```

bs4ProgressBar(value, min = 0, max = 100, vertical = FALSE,
  striped = FALSE, status = c("primary", "warning", "danger", "info",
  "success"), width = "80%", height = "40%")

```

Arguments

value	Progress bar value
min	Progress bar minimum value.
max	Progress bar maximum value.
vertical	Whether to display the progress bar in vertical mode. FALSE by default.
striped	Whether the progress bar is striped or not. FALSE by default.
status	Progress bar status. "primary", "success", "warning", "danger" or "info".
width	Progress bar width (only if vertical is FALSE).
height	Progress bar height (only if vertical is TRUE).

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        title = "Carousel",
        bs4Card(
          title = "Progress bars",
          footer = tagList(
            bs4ProgressBar(
              value = 5,
              striped = FALSE,
              status = "info"
            ),
            bs4ProgressBar(
              value = 5,
              striped = TRUE,
              status = "warning",
              width = "20%"
            )
          ),
        bs4ProgressBar(
          value = 80,
          vertical = TRUE,
          status = "success"
        ),
        bs4ProgressBar(
          value = 100,
          vertical = TRUE,
          striped = TRUE,
          status = "danger",
          height = "80%"
        )
      )
    ),
    server = function(input, output) {}
  )
}
```

bs4SidebarHeader *Create a Bootstrap 4 dashboard main sidebar header*

Description

Build an adminLTE3 dashboard main sidebar header

Usage

```
bs4SidebarHeader(title)
```

Arguments

title SidebarHeader title.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4SidebarMenu *Create a Bootstrap 4 dashboard main sidebar menu*

Description

Build an adminLTE3 dashboard main sidebar menu

Usage

```
bs4SidebarMenu(...)
```

Arguments

... Slot for bs4SidebarMenuItemList or bs4SidebarMenuItem or bs4SidebarHeader

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4SidebarMenuItem *Create a Bootstrap 4 dashboard main sidebar menu item*

Description

Build an adminLTE3 dashboard main sidebar menu item

Usage

```
bs4SidebarMenuItem(..., tabName = NULL, icon = NULL)
```

Arguments

...	Item name.
tabName	Should correspond exactly to the tabName given in bs4TabItem .
icon	Item icon.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4Stars *AdminLTE3 stars*

Description

Create a block of stars (ideal for rating)

Usage

```
bs4Stars(maxstar = 5, grade, status = "warning")
```

Arguments

maxstar	Maximum number of stars by block.
grade	Current score. Should be positive and lower or equal to maxstar.
status	Star color: see <code>validColors()</code> in the documentation.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```

if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4Card(
          title = "Stars",
          bs4Stars(grade = 5),
          bs4Stars(grade = 5, status = "success"),
          bs4Stars(grade = 1, status = "danger"),
          bs4Stars(grade = 3, status = "info")
        )
      )
    ),
    server = function(input, output) {}
  )
}

```

bs4TabCard

Create a Bootstrap 4 tabCard

Description

Build an adminLTE3 card with tabs

Usage

```
bs4TabCard(..., title = NULL, width = 6, height = NULL,
  elevation = NULL)
```

Arguments

...	Contents of the box: should be bs4TabPanel.
title	TabCard title.
width	The width of the box, using the Bootstrap grid system. This is used for row-based layouts. The overall width of a region is 12, so the default valueBox width of 4 occupies 1/3 of that width. For column-based layouts, use NULL for the width; the width is set by the column that contains the box.

height	The height of a box, in pixels or other CSS unit. By default the height scales automatically with the content.
elevation	tabCard elevation.

Author(s)

David Granjon, <dgranjon@gmail.com>

See Also

Other cards: [bs4Card](#), [bs4InfoBox](#), [bs4ValueBox](#)

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4TabCard(
          title = "A card with tabs",
          bs4TabPanel(
            tabName = "Tab1",
            active = FALSE,
            "Content 1"
          ),
          bs4TabPanel(
            tabName = "Tab2",
            active = TRUE,
            "Content 2"
          ),
          bs4TabPanel(
            tabName = "Tab3",
            active = FALSE,
            "Content 3"
          )
        )
      )
    ),
    server = function(input, output) {}
  )
}
```

bs4TabItem	<i>One tab to put inside a tab items container</i>
------------	--

Description

One tab to put inside a tab items container

Usage

```
bs4TabItem(tabName = NULL, ...)
```

Arguments

tabName	The name of a tab. This must correspond to the tabName of a bs4SidebarMenuItem .
...	Contents of the tab.

bs4TabItems	<i>A container for tab items</i>
-------------	----------------------------------

Description

A container for tab items

Usage

```
bs4TabItems(...)
```

Arguments

...	Items to put in the container. Each item should be a bs4TabItem .
-----	---

bs4TabPanel	<i>Create a tabPanel</i>
-------------	--------------------------

Description

To be included in a bs4TabCard

Usage

```
bs4TabPanel(..., tabName, active = FALSE)
```

Arguments

...	Tab content
tabName	Tab name: it will be also passed as the id argument. Should be unique.
active	Whether the tab is active or not. FALSE bu default.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4TabSetPanel *Create a tabSetPanel*

Description

Imported by bs4TabCard. Do not use outside!

Usage

bs4TabSetPanel(...)

Arguments

... Slot for bs4TabPanel.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4Timeline *AdminLTE3 timeline block*

Description

Create a timeline block

Usage

bs4Timeline(..., reversed = TRUE, width = 6)

Arguments

...	slot for bs4TimelineLabel or bs4TimelineItem.
reversed	Whether the timeline is reversed or not.
width	Timeline width. Between 1 and 12.

Note

reversed is useful when the user wants to use the timeline inside a box.

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        bs4Card(
          title = "Timeline",
          bs4Timeline(
            width = 12,
            reversed = TRUE,
            bs4TimelineEnd(status = "danger"),
            bs4TimelineLabel("10 Feb. 2014", status = "info"),
            bs4TimelineItem(
              elevation = 4,
              title = "Item 1",
              icon = "gears",
              status = "success",
              time = "now",
              footer = "Here is the footer",
              "This is the body"
            ),
            bs4TimelineItem(
              title = "Item 2",
              border = FALSE
            ),
            bs4TimelineLabel("3 Jan. 2014", status = "primary"),
            bs4TimelineItem(
              elevation = 2,
              title = "Item 3",
              icon = "paint-brush",
              status = "warning",
              bs4TimelineItemMedia(src = "http://placeholder.it/150x100"),
              bs4TimelineItemMedia(src = "http://placeholder.it/150x100")
            ),
            bs4TimelineStart(status = "danger")
          )
        )
      )
  )
}
```

```

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

```

bs4TimelineEnd *AdminLTE3 timeline ending point*

Description

Create a timeline ending point

Usage

```
bs4TimelineEnd(icon = "hourglass-end", status = NULL)
```

Arguments

icon	item icon such as "clock-o", "times", ...
status	item status: see here for a list of valid colors https://adminlte.io/themes/AdminLTE/pages/UI/general.html .

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4TimelineItem *AdminLTE3 timeline item*

Description

Create a timeline item

Usage

```
bs4TimelineItem(..., elevation = NULL, icon = NULL, status = NULL,
time = NULL, title = NULL, border = TRUE, footer = NULL)
```

Arguments

...	any element such as bs4TimeLineItemMedia ...
elevation	Timeline elevation (numeric). NULL by default.
icon	item icon such as "clock-o", "times", ...
status	item status: see here for a list of valid colors https://adminlte.io/themes/AdminLTE/pages/UI/general.html .
time	item date or time.
title	item title.
border	Whether to display a border between the header and the body. TRUE by default.
footer	item footer if any.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4TimelineItemMedia *AdminLTE2 timeline media item*

Description

Create a timeline media item

Usage

```
bs4TimelineItemMedia(src = NULL, height = NULL, width = NULL)
```

Arguments

src	media url or path.
height	media height in pixels.
width	media width in pixels.

Author(s)

David Granjon, <dgranjon@ymail.com>

bs4TimelineLabel	<i>AdminLTE3 timeline label</i>
------------------	---------------------------------

Description

Create a timeline label

Usage

```
bs4TimelineLabel(..., status = NULL)
```

Arguments

...	any element.
status	label status: see here for a list of valid colors https://adminlte.io/themes/AdminLTE/pages/UI/general.html .

Author(s)

David Granjon, <dgranjon@gmail.com>

bs4TimelineStart	<i>AdminLTE3 timeline starting point</i>
------------------	--

Description

Create a timeline starting point

Usage

```
bs4TimelineStart(icon = "clock-o", status = NULL)
```

Arguments

icon	item icon such as "clock-o", "times", ...
status	item status: see here for a list of valid colors https://adminlte.io/themes/AdminLTE/pages/UI/general.html .

Author(s)

David Granjon, <dgranjon@gmail.com>

bs4UserCard	<i>AdminLTE3 widget user card</i>
-------------	-----------------------------------

Description

Create widget user card

Usage

```
bs4UserCard(..., type = NULL, src = NULL, elevation = NULL,
  imageElevation = NULL, status = c("primary", "warning", "danger", "info",
  "success"), title = NULL, subtitle = NULL, width = 6)
```

Arguments

...	footer content.
type	User card type. Either NULL or 2.
src	User image url or path.
elevation	User card elevation (numeric). NULL by default.
imageElevation	User card image elevation (numeric). NULL by default.
status	User card color. "primary", "warning", "danger", "info" or "success".
title	User card title.
subtitle	User card subtitle.
width	The width of the card, using the Bootstrap grid system.

Author(s)

David Granjon, <dgranjon@gmail.com>

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          bs4UserCard(
            src = "https://adminlte.io/themes/AdminLTE/dist/img/user1-128x128.jpg",
```

```

        status = "info",
        title = "User card type 1",
        subtitle = "a subtitle here",
        elevation = 4,
        "Any content here"
    ),
    bs4UserCard(
        type = 2,
        src = "https://adminlte.io/themes/AdminLTE/dist/img/user7-128x128.jpg",
        status = "success",
        imageElevation = 4,
        title = "User card type 2",
        subtitle = "a subtitle here",
        bs4ProgressBar(
            value = 5,
            striped = FALSE,
            status = "info"
        ),
        bs4ProgressBar(
            value = 5,
            striped = TRUE,
            status = "warning",
            width = "20%"
        )
    )
)
)
)
),
server = function(input, output) {}
)
}

```

bs4ValueBox

Bootstrap 4 value box

Description

A beautiful AdminLTE3 value box.

Usage

```
bs4ValueBox(value, subtitle, icon = NULL, elevation = NULL, status = NULL,
            width = 3, href = "#")
```

Arguments

value	The value to display in the box. Usually a number or short text.
subtitle	Subtitle text.

icon	An icon tag, created by icon .
elevation	Value box elevation.
status	A color for the box. "primary", "info", "success", "warning", "danger" or NULL.
width	The width of the box, using the Bootstrap grid system. This is used for row-based layouts. The overall width of a region is 12, so the default valueBox width of 4 occupies 1/3 of that width. For column-based layouts, use NULL for the width; the width is set by the column that contains the box.
href	An optional URL to link to.

Author(s)

David Granjon, <dgranjon@ymail.com>

See Also

Other cards: [bs4Card](#), [bs4InfoBox](#), [bs4TabCard](#)

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          bs4ValueBox(
            value = 150,
            subtitle = "New orders",
            status = "primary",
            icon = "shopping-cart",
            href = "#"
          ),
          bs4ValueBox(
            value = "53%",
            subtitle = "New orders",
            status = "danger",
            icon = "cogs"
          ),
          bs4ValueBox(
            value = "44",
            subtitle = "User Registrations",
            status = "warning",
            icon = "sliders"
          )
        )
      )
    )
  )
}
```

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

bs4ValueBoxOutput *Create a value box output (client side)*

Description

This is the UI-side function for creating a dynamic [bs4ValueBox](#).

Usage

```
bs4ValueBoxOutput(outputId, width = 4)
```

```
bs4InfoBoxOutput(outputId, width = 4)
```

Arguments

outputId	Output variable name.
width	The width of the box, using the Bootstrap grid system. This is used for row-based layouts. The overall width of a region is 12, so the default valueBox width of 4 occupies 1/3 of that width. For column-based layouts, use NULL for the width; the width is set by the column that contains the box.

See Also

[renderbs4ValueBox](#) for the corresponding server-side function and examples.

dropdownDivider *Create a box dropdown divider*

Description

Create a box dropdown divider

Usage

```
dropdownDivider()
```

Note

Useful to separate 2 sections of dropdown items.

Author(s)

David Granjon, <dgranjon@ymail.com>

dropdownItem *Create a box dropdown item*

Description

Create a box dropdown item

Usage

```
dropdownItem(url = NULL, name = NULL)
```

Arguments

url	Target url or page.
name	Item name.

Author(s)

David Granjon, <dgranjon@ymail.com>

dropdownItemList *Create a box dropdown item list*

Description

Can be used to add dropdown items to a cardtool.

Usage

```
dropdownItemList(...)
```

Arguments

...	Slot for dropdownItem.
-----	------------------------

Author(s)

David Granjon, <dgranjon@ymail.com>

renderbs4ValueBox *Create a value box (server side)*

Description

This is the server-side function for creating a dynamic [bs4ValueBox](#).

Usage

```
renderbs4ValueBox(expr, env = parent.frame(), quoted = FALSE)
```

```
renderbs4InfoBox(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

expr	An expression that returns a Shiny tag object, HTML , or a list of such objects.
env	The environment in which to evaluate expr.
quoted	Is expr a quoted expression (with <code>quote()</code>)? This is useful if you want to save an expression in a variable.

Author(s)

David Granjon, <dgranjon@gmail.com>

See Also

[bs4ValueBoxOutput](#) for the corresponding UI-side function.

Examples

```
if(interactive()){
  library(shiny)
  library(bs4Dash)

  shiny::shinyApp(
    ui = bs4DashPage(
      navbar = bs4DashNavbar(),
      sidebar = bs4DashSidebar(),
      controlbar = bs4DashControlbar(),
      footer = bs4DashFooter(),
      title = "test",
      body = bs4DashBody(
        fluidRow(
          bs4ValueBoxOutput("vbox"),
          bs4InfoBoxOutput("ibox")
        )
      )
    ),
  ),
```

```
server = function(input, output) {  
  
  output$vbox <- renderbs4ValueBox({  
    bs4ValueBox(  
      value = 150,  
      subtitle = "New orders",  
      status = "primary",  
      icon = "shopping-cart",  
      href = "#"  
    )  
  })  
  
  output$ibox <- renderbs4InfoBox({  
    bs4InfoBox(  
      title = "Comments",  
      gradientColor = "success",  
      value = 41410,  
      icon = "comments"  
    )  
  })  
  
}  
)  
}
```

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