

Package ‘argonDash’

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Type Package

Title Argon Shiny Dashboard Template

Version 0.2.5

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Description Create awesome 'Bootstrap 4' dashboards powered by 'Argon'.

License GPL-2

Imports shiny, htmltools, argonR

Suggests magrittr

URL <https://github.com/RinterRface/argonDash>,
<https://rinterface.github.io/argonDash/>

BugReports <https://github.com/RinterRface/argonDash/issues>

Encoding UTF-8

RoxygenNote 7.3.2

Depends R (>= 2.10)

NeedsCompilation no

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RinterRface [cph],
Creative Tim [ctb, cph] (Argon theme for Bootstrap 4)

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Contents

argonAvatar	2
argonAvatars	3
argonDashBody	3
argonDashFooter	4
argonDashGallery	4
argonDashHeader	5

argonDashNavbar	6
argonDashPage	6
argonDashSidebar	7
argonDropNav	8
argonDropNavDivider	9
argonDropNavItem	9
argonDropNavTitle	10
argonFooterItem	10
argonFooterMenu	11
argonInfoCard	11
argonSidebarDivider	12
argonSidebarHeader	12
argonSidebarItem	13
argonSidebarMenu	13
argonTabItem	14
argonTabItems	14
argonTable	15
argonTableItem	16
argonTableItems	17

Index	18
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argonAvatar	<i>Create a Bootstrap 4 avatar</i>
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Description

Build an argon avatar

Usage

```
argonAvatar(src, toolTip = NULL, size = c("sm", "md", "lg"))
```

Arguments

src	Avatar inag path or url.
toolTip	Optional tooltip triggered on mouse hover.
size	Avatar size: choose one of "sm", "md" or "lg".

Author(s)

David Granjon, <dgranjon@ymail.com>

`argonAvatars`*Create a Bootstrap 4 avatar container*

Description

Build an argon avatar container

Usage

```
argonAvatars(...)
```

Arguments

... Slot for [argonAvatar](#).

Author(s)

David Granjon, <dgranjon@ymail.com>

`argonDashBody`*Create a Bootstrap 4 dashboard body*

Description

Build an argon dashboard body

Usage

```
argonDashBody(...)
```

Arguments

... Body content, slot for [argonTabItems](#)

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDashFooter*Create a Bootstrap 4 dashboard footer*

Description

Build an argon dashboard footer

Usage

```
argonDashFooter(..., copyrights = NULL, src = NULL)
```

Arguments

...	Slot for argonFooterMenu .
copyrights	Left text, if any.
src	Left text src, if any.

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDashGallery*Launch the argonDash Gallery*

Description

A gallery of all components available in argonDash.

Usage

```
argonDashGallery()
```

Examples

```
if (interactive()) {  
  argonDashGallery()  
}
```

`argonDashHeader`*Create a Bootstrap 4 dashboard header*

Description

Build an argon dashboard header

Usage

```
argonDashHeader(  
  ...,  
  gradient = TRUE,  
  color = NULL,  
  separator = FALSE,  
  separator_color = "secondary",  
  bottom_padding = 4,  
  top_padding = 6,  
  background_img = NULL,  
  mask = FALSE,  
  opacity = 8,  
  height = 600  
)
```

Arguments

<code>...</code>	Any element
<code>gradient</code>	Whether to apply a gradient effect. TRUE by default.
<code>color</code>	Header color. See https://demos.creative-tim.com/argon-design-system/docs/foundation/colors.html .
<code>separator</code>	Header bottom separator. FALSE by default.
<code>separator_color</code>	Separator color. "secondary" by default. See https://demos.creative-tim.com/argon-design-system/docs/foundation/colors.html .
<code>bottom_padding</code>	Bottom padding. 4 by default.
<code>top_padding</code>	Bottom padding. 6 by default.
<code>background_img</code>	Background image url or path.
<code>mask</code>	Whether to add an opacity mask on the header. FALSE by default
<code>opacity</code>	Mask opacity. Between 0 and 8. Only if mask is TRUE.
<code>height</code>	Header height. 600px by default. Only if background image.

Author(s)

David Granjon, <dgranjon@gmail.com>

argonDashNavbar	Create a Bootstrap 4 dashboard navbar
-----------------	---------------------------------------

Description

Build an argon dashboard navbar

Usage

```
argonDashNavbar(...)
```

Arguments

... Any element such as [argonDropNav](#).

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDashPage	Create a Bootstrap 4 dashboard page
---------------	-------------------------------------

Description

Build an argon dashboard page

Usage

```
argonDashPage(  
  title = NULL,  
  description = NULL,  
  author = NULL,  
  navbar = NULL,  
  sidebar = NULL,  
  header = NULL,  
  body = NULL,  
  footer = NULL  
)
```

Arguments

title	App title.
description	Dashboard purpose.
author	Dashboard author.
navbar	Bootstrap 4 dashboard navbar.
sidebar	Bootstrap 4 dashboard main sidebar.
header	Bootstrap 4 dashboard header (below the navbar). Useful to highlight elements or print a message.
body	Bootstrap 4 dashboard body wrapper.
footer	Bootstrap 4 dashboard footer.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```
if(interactive()){  
  library(shiny)  
  library(argonDash)  
  
  shiny::shinyApp(  
    ui = argonDashPage(),  
    server = function(input, output) {}  
  )  
}
```

argonDashSidebar

Create a Bootstrap 4 dashboard sidebar

Description

Build an argon dashboard sidebar

Usage

```
argonDashSidebar(  
  ...,  
  dropdownMenus = NULL,  
  id,  
  brand_url = NULL,  
  brand_logo = NULL,  
  vertical = TRUE,  
  side = c("left", "right"),
```

```

    size = c("s", "md", "lg"),
    skin = c("light", "dark"),
    background = "white"
  )

```

Arguments

...	Any element such as argonDashSidebar , argonSidebarMenu , argonSidebarItem , argonSidebarHeader and argonSidebarDivider .
dropdownMenus	Slot for dropdown menus. Not displayd on large screens.
id	Unique sidebar id.
brand_url	Sidebar brand url
brand_logo	Sidebar brand logo
vertical	Whether to display the sidebar in vertical mode. TRUE by default.
side	Sidebar side: "right" or "left". "left" by default.
size	Sidebar size: "s", "md", "lg". "md" by default.
skin	Sidebar skin. "light" by default.
background	Sidebar background color. See https://demos.creative-tim.com/argon-design-system/docs/foundation/colors.html .

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDropNav

Create a Bootstrap 4 dashboard dropdown menu

Description

Build an argon dashboard dropdown menu

Usage

```
argonDropNav(..., title = NULL, src = NULL, orientation = "right")
```

Arguments

...	slot for argonDropNavItem , argonDropNavTitle or argonDropNavDivider .
title	Menu title.
src	Menu image, if any.
orientation	Dropdown orientation: "left" or "right".

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDropNavDivider	Create a Bootstrap 4 dashboard dropdown menu divider
---------------------	--

Description

Build an argon dashboard dropdown menu divider

Usage

```
argonDropNavDivider()
```

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDropNavItem	Create a Bootstrap 4 dashboard dropdown menu item
------------------	---

Description

Build an argon dashboard dropdown menu item

Usage

```
argonDropNavItem(title = NULL, src = NULL, icon = NULL)
```

Arguments

title	Item title.
src	External link.
icon	Icon, if any. Expect argonIcon or icon .

Author(s)

David Granjon, <dgranjon@ymail.com>

argonDropNavTitle	Create a Bootstrap 4 dashboard dropdown menu title
-------------------	--

Description

Build an argon dashboard dropdown menu title

Usage

```
argonDropNavTitle(title = NULL)
```

Arguments

title	Menu title.
-------	-------------

Author(s)

David Granjon, <dgranjon@ymail.com>

argonFooterItem	Create a Bootstrap 4 dashboard footer menu item
-----------------	---

Description

Build an argon dashboard footer menu item

Usage

```
argonFooterItem(..., src = NULL)
```

Arguments

...	Item name.
src	Item external link.

Author(s)

David Granjon, <dgranjon@ymail.com>

argonFooterMenu	Create a Bootstrap 4 dashboard footer menu
-----------------	--

Description

Build an argon dashboard footer menu

Usage

```
argonFooterMenu(...)
```

Arguments

... Slot for [argonFooterItem](#).

Author(s)

David Granjon, <dgranjon@ymail.com>

argonInfoCard	Create a Bootstrap 4 dashboard info card
---------------	--

Description

Build an argon dashboard info card

Usage

```
argonInfoCard(  
  value,  
  title = NULL,  
  stat = NULL,  
  stat_icon = NULL,  
  description = NULL,  
  icon,  
  icon_background = "default",  
  hover_lift = FALSE,  
  shadow = FALSE,  
  background_color = NULL,  
  gradient = FALSE,  
  width = 3  
)
```

Arguments

value	info card value.
title	info card title.
stat	info card stat value.
stat_icon	info card stat icon. Expect argonIcon or icon .
description	info card stat description.
icon	info card icon. Expect argonIcon or icon .
icon_background	info card icon background color.
hover_lift	Whether to apply a lift effect on hover. FALSE by default. Not compatible with floating.
shadow	Whether to apply a shadow effect. FALSE by default.
background_color	Card background color. NULL by default.
gradient	Whether to apply a gradient effect on the card background. FALSE by default.
width	info card width. Between 1 and 12.

Author(s)

David Granjon, <dgranjon@ymail.com>

argonSidebarDivider *A divider to put inside [argonDashSidebar](#)*

Description

A divider to put inside [argonDashSidebar](#)

Usage

```
argonSidebarDivider()
```

argonSidebarHeader *A header to put inside [argonDashSidebar](#)*

Description

A header to put inside [argonDashSidebar](#)

Usage

```
argonSidebarHeader(title = NULL)
```

Arguments

title	Header title
-------	--------------

argonSidebarItem	Create a Bootstrap 4 argon sidebar menu
------------------	---

Description

Build an argon dashboard main sidebar menu

Usage

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

Arguments

...	Item name.
tabName	Should correspond exactly to the tabName given in argonTabItem .
icon	Item icon. argonIcon or icon .

Author(s)

David Granjon, <dgranjon@ymail.com>

argonSidebarMenu	Create a Bootstrap 4 argon sidebar menu
------------------	---

Description

Build an argon dashboard main sidebar menu

Usage

```
argonSidebarMenu(...)
```

Arguments

...	Slot for argonSidebarItem .
-----	---

Author(s)

David Granjon, <dgranjon@ymail.com>

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

Description

One tab to put inside a tab items container

Usage

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

Arguments

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

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

Description

A container for tab items

Usage

```
argonTabItems(...)
```

Arguments

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

`argonTable`*Create a Bootstrap 4 table container*

Description

Build an argon table container

Usage

```
argonTable(  
  ...,  
  cardWrap = FALSE,  
  title = NULL,  
  headTitles,  
  dark = FALSE,  
  width = 12  
)
```

Arguments

<code>...</code>	argonTableItems .
<code>cardWrap</code>	Whether to wrap the table in a card. FALSE by default.
<code>title</code>	Card title if any.
<code>headTitles</code>	Table header names. Must have the same length as the number of argonTableItem in argonTableItems . Set "" to have an empty title field.
<code>dark</code>	Whether to enable dark mode. FALSE by default.
<code>width</code>	Table width. 12 by default.

Author(s)

David Granjon, <dgranjon@ymail.com>

Examples

```
if (interactive()) {  
  library(shiny)  
  library(argonR)  
  library(argonDash)  
  shinyApp(  
    ui = argonDashPage(  
      navbar = argonDashNavbar(),  
      sidebar = argonDashSidebar(id = "mysidebar"),  
      header = argonDashHeader(),  
      body = argonDashBody(  
        argonTable(  
          headTitles = c(  
            "PROJECT",
```

```

    "BUDGET",
    "STATUS",
    "USERS",
    "COMPLETION",
    ""
  ),
  argonTableItems(
    argonTableItem("Argon Design System"),
    argonTableItem(dataCell = TRUE, "$2,500 USD"),
    argonTableItem(
      dataCell = TRUE,
      argonBadge(
        text = "Pending",
        status = "danger"
      )
    ),
    argonTableItem(
      argonAvatar(
        size = "sm",
        src = "images/undraw_profile-pic_fatv.svg"
      )
    ),
    argonTableItem(
      dataCell = TRUE,
      argonProgress(value = 60, status = "danger")
    ),
    argonTableItem(
      argonButton(
        name = "Click me!",
        status = "warning",
        icon = "atom",
        size = "sm"
      )
    )
  ),
  footer = argonDashFooter()
),
server = function(input, output) { }
}

```

argonTableItem

Create a Bootstrap 4 table item

Description

Build an argon table item

Usage

```
argonTableItem(..., dataCell = FALSE)
```

Arguments

... Any HTML element.

dataCell Whether the cell should be contain data or text. <td> by default.

Author(s)

David Granjon, <dgranjon@ymail.com>

argonTableItems	Create a Bootstrap 4 table item row
-----------------	-------------------------------------

Description

Build an argon table item row

Usage

```
argonTableItems(...)
```

Arguments

... Slot for [argonTableItem](#).

Author(s)

David Granjon, <dgranjon@ymail.com>

Index

argonAvatar, [2](#), [3](#)
argonAvatars, [3](#)
argonDashBody, [3](#)
argonDashFooter, [4](#)
argonDashGallery, [4](#)
argonDashHeader, [5](#)
argonDashNavbar, [6](#)
argonDashPage, [6](#)
argonDashSidebar, [7](#), [8](#), [12](#)
argonDropNav, [6](#), [8](#)
argonDropNavDivider, [8](#), [9](#)
argonDropNavItem, [8](#), [9](#)
argonDropNavTitle, [8](#), [10](#)
argonFooterItem, [10](#), [11](#)
argonFooterMenu, [4](#), [11](#)
argonIcon, [9](#), [12](#), [13](#)
argonInfoCard, [11](#)
argonSidebarDivider, [8](#), [12](#)
argonSidebarHeader, [8](#), [12](#)
argonSidebarItem, [8](#), [13](#), [13](#), [14](#)
argonSidebarMenu, [8](#), [13](#)
argonTabItem, [13](#), [14](#), [14](#)
argonTabItems, [3](#), [14](#)
argonTable, [15](#)
argonTableItem, [15](#), [16](#), [17](#)
argonTableItems, [15](#), [17](#)

icon, [9](#), [12](#), [13](#)