

# Package: argonDash (via r-universe)

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**Type** Package

**Title** Argon Shiny Dashboard Template

**Version** 0.2.5

**Maintainer** David Granjon <dgranjon@ymail.com>

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

**License** GPL-2

**Imports** shiny, htmltools, argonR

**Suggests** magrittr

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

**BugReports** <https://github.com/RinterFace/argonDash/issues>

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Depends** R (>= 2.10)

**Config/pak/sysreqs** cmake make libuv1-dev zlib1g-dev

**Repository** <https://cynkra.r-universe.dev>

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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 <a href="#">argonFooterMenu</a> .
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

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

### Author(s)

David Granjon, <dgranjon@gmail.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 <a href="#">argonDropNavItem</a> , <a href="#">argonDropNavTitle</a> or <a href="#">argonDropNavDivider</a> .
title	Menu title.
src	Menu image, if any.
orientation	Dropdown orientation: "left" or "right".

### Author(s)

David Granjon, <dgranjon@gmail.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 <a href="#">argonIcon</a> or <a href="#">icon</a> .

**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 <a href="#">argonIcon</a> or <a href="#">icon</a> .
description	info card stat description.
icon	info card icon. Expect <a href="#">argonIcon</a> or <a href="#">icon</a> .
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@gmail.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 <a href="#">argonTabItem</a> .
icon	Item icon. <a href="#">argonIcon</a> or <a href="#">icon</a> .

**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 <a href="#">argonSidebarItem</a> .
-----	---

**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 <a href="#">argonSidebarItem</a> .
...	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 <a href="#">argonTabItem</a> .
-----	---

---

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

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

## Author(s)

David Granjon, <dgranjon@gmail.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>

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