

# Package: argonDash (via r-universe)

September 12, 2024

**Type** Package

**Title** Argon Shiny Dashboard Template

**Version** 0.3.0.9000

**Maintainer** David Granjon <dgranjon@gmail.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

**LazyData** true

**RoxygenNote** 7.0.1

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

**RemoteUrl** <https://github.com/rinterface/argondash>

**RemoteRef** HEAD

**RemoteSha** 3c9acc3024d9dcda410f7fbba8bb1e493fc98bf9

## 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        |
| <b>Index</b>                  | <b>18</b> |

---

|             |                                    |
|-------------|------------------------------------|
| argonAvatar | <i>Create a Bootstrap 4 avatar</i> |
|-------------|------------------------------------|

---

## 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 | <i>Create a Bootstrap 4 table container</i> |
|------------|---|

---

## 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@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 = "https://image.flaticon.com/icons/svg/219/219976.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](#)