

# Package ‘argonR’

October 12, 2022

**Type** Package

**Title** R Interface to Argon HTML Design

**Version** 0.2.0

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

**Description** R wrapper around the argon HTML library.

More at <<https://demos.creative-tim.com/argon-design-system/>>.

**URL** <https://github.com/RinterFace/argonR>

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

**Imports** htmltools, utils, rstudioapi

**Suggests** magrittr, knitr, rmarkdown, shiny

**License** GPL-2

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.0.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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RinterFace [cph],

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

Winston Chang [ctb, cph] (Unexported functions from htmltools)

**Repository** CRAN

**Date/Publication** 2019-11-27 08:30:02 UTC

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---

`argonAlert`*Create a Bootstrap 4 argon alert*

---

**Description**

Build an argon alert

**Usage**

```
argonAlert(..., icon = NULL, status = "default", closable = TRUE)
```

**Arguments**

<code>...</code>	Alert content.
<code>icon</code>	Alert icon. Expect <code>argonIcon</code> or <code>icon</code> .
<code>status</code>	Alert status. See <a href="https://demos.creative-tim.com/argon-design-system/docs/components/alerts.html">https://demos.creative-tim.com/argon-design-system/docs/components/alerts.html</a> .
<code>closable</code>	Whether to make the alert closable or not. TRUE by default.

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonAlert(  
    icon = argonIcon("basket"),  
    status = "danger",  
    "This is an alert",  
    closable = TRUE  
  )  
}
```

---

`argonBadge`*Create a Bootstrap 4 badge*

---

**Description**

Build an argon badge

**Usage**

```
argonBadge(text = NULL, src = NULL, pill = FALSE, status = "default")
```

**Arguments**

text	Badge text.
src	Badge external link.
pill	Pill mode. FALSE by default.
status	Badge status. See <a href="https://demos.creative-tim.com/argon-design-system/docs/components/badge.html">https://demos.creative-tim.com/argon-design-system/docs/components/badge.html</a> .

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonBadge(  
    text = "My badge",  
    src = "https://www.google.com",  
    pill = FALSE,  
    status = "success"  
  )  
}
```

---

argonBlur

*Create a Bootstrap 4 blur effect*

---

**Description**

Build an argon blur effect

**Usage**

```
argonBlur(..., text = NULL, text_color = NULL)
```

**Arguments**

...	Tag to be treated by the blur effect.
text	Text that appears on hover.
text_color	Text 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> .

**Note**

Not compatible with argonDash

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonBlur(  
    argonImage(  
      src = "inst/images/imac.svg",  
      floating = TRUE  
    )  
  )  
}
```

---

argonButton

*Create a Bootstrap 4 argon button*

---

**Description**

Build an argon button

**Usage**

```
argonButton(  
  src = NULL,  
  name = NULL,  
  status = "default",  
  icon = NULL,  
  size = NULL,  
  block = FALSE,  
  disabled = FALSE,  
  outline = FALSE,  
  toggle_modal = FALSE,  
  modal_id = NULL  
)
```

**Arguments**

src	Button external link.
name	Button label.
status	Button color. See <a href="https://demos.creative-tim.com/argon-design-system/docs/components/buttons.html">https://demos.creative-tim.com/argon-design-system/docs/components/buttons.html</a> .

icon	Button icon. Expect <a href="#">argonIcon</a> or <a href="#">icon</a> .
size	Button size: NULL, "sm" or "lg".
block	Whether the button fill its parent. FALSE by default.
disabled	Whether to disable the button. FALSE by default.
outline	Whether to outline the button. FALSE by default.
toggle_modal	Whether to use th button for a modal. FALSE by default.
modal_id	If toggle_modal is TRUE, nedd to provide the modal targeted.

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if(interactive()){
  library(argonR)
  argonButton(
    name = "Click me!",
    status = "danger",
    icon = argonIcon("atom"),
    size = "lg",
    toggle_modal = TRUE,
    modal_id = "modal1"
  )
}
```

---

 argonCard

---

*Create a Bootstrap 4 card*


---

**Description**

Build an argon card

**Usage**

```
argonCard(
  ...,
  title = NULL,
  src = NULL,
  hover_lift = FALSE,
  shadow = FALSE,
  shadow_size = NULL,
  hover_shadow = FALSE,
  border_level = 0,
  icon = NULL,
```

```

    btn_text = "More",
    status = "primary",
    background_color = NULL,
    gradient = FALSE,
    floating = FALSE,
    width = 6
)

```

## Arguments

...	Body content.
title	Card title.
src	Card external link.
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.
shadow_size	Card shadow size. Only if shadow is TRUE. NULL by default.
hover_shadow	Only if shadow is TRUE. Whether to enlarge the shadow on hover. FALSE by default.
border_level	Border level. 0 by default.
icon	Card icon. Expect <a href="#">argonIcon</a> or <a href="#">icon</a> .
btn_text	Button text. src arg must not be NULL so that this button appears.
status	Card status. 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> .
background_color	Card background color. NULL 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> .
gradient	Whether to apply a gradient effect on the card background. FALSE by default.
floating	Whether to animate the card by a vertical floating movement. FALSE by default. Not compatible with hover_lift.
width	Card width. Between 1 and 12.

## Author(s)

David Granjon, <dgranjon@gmail.com>

## Examples

```

if (interactive()) {
  library(argonR)
  argonCard(
    status = "primary",
    width = 12,
    title = "Card 1",
    hover_lift = TRUE,
    shadow = TRUE,

```

```

    icon = argonIcon("check-bold"),
    src = "#",
    "Argon is a great free UI package based on Bootstrap 4
    that includes the most important components and features."
  )
}

```

---

 argonCarousel

*Create a carousel*


---

## Description

Build an argon carousel

## Usage

```
argonCarousel(..., id, floating = FALSE, hover_lift = FALSE, width = 6)
```

## Arguments

...	Slot for <a href="#">argonCarouselItem</a> .
id	Carousel unique id.
floating	Whether to apply a floating effect. FALSE by default.
hover_lift	Whether to apply a lift effect on hover. FALSE by default. Not compatible with floating. Only if card_mode is TRUE.
width	Carousel width.

## Author(s)

David Granjon, <dgranjon@gmail.com>

## Examples

```

if (interactive()) {
  library(argonR)
  argonCarousel(
    id = "carousel2",
    argonCarouselItem(
      src = "https://demos.creative-tim.com/argon-design-system/assets/img/theme/img-1-1200x1000.jpg",
      active = TRUE
    ),
    argonCarouselItem(
      src = "https://demos.creative-tim.com/argon-design-system/assets/img/theme/img-2-1200x1000.jpg",
      active = FALSE
    )
  )
}

```



```
}
```

---

argonCarouselItem      *Create a carousel item*

---

### Description

Build an argon carousel item

### Usage

```
argonCarouselItem(src = NULL, active = FALSE, mode = "img")
```

### Arguments

src	Image url or path.
active	Whether the item is active or not.
mode	Item mode: "img" by default but also "iframe" or "video".

### Author(s)

David Granjon, <dgranjon@ymail.com>

---

argonCascade      *Create a Bootstrap 4 cascade effect*

---

### Description

Build an argon cascade effect

### Usage

```
argonCascade(...)
```

### Arguments

...      Slot for [argonCascadeItem](#). Exactly 13 items.

### Note

You must pass cascade = TRUE to argonSection

### Author(s)

David Granjon, <dgranjon@ymail.com>

## Examples

```

if (interactive()) {
  library(argonR)
  argonSection(
    size = "lg",
    status = "default",
    cascade = TRUE,

    argonH1(display = 3, "ArgonR Cascade Effect") %>%
      argonPadding(orientation = "l", value = 5) %>%
      argonPadding(orientation = "b", value = 5) %>%
      argonTextColor(color = "white"),

    argonCascade(
      argonCascadeItem(name = "diamond", src = "https://www.google.com"),
      argonCascadeItem(name = "album-2", size = "sm"),
      argonCascadeItem(name = "app", size = "sm"),
      argonCascadeItem(name = "atom", size = "sm"),
      argonCascadeItem(name = "bag-17", src = "https://www.google.com"),
      argonCascadeItem(name = "bell-55"),
      argonCascadeItem(name = "credit-card"),
      argonCascadeItem(name = "briefcase-24", size = "sm", "https://www.google.com"),
      argonCascadeItem(name = "building", size = "sm"),
      argonCascadeItem(name = "button-play", size = "sm"),
      argonCascadeItem(name = "calendar-grid-58"),
      argonCascadeItem(name = "camera-compact"),
      argonCascadeItem(name = "chart-bar-32")
    )
  )
}

```

---

argonCascadeItem      *Create a Bootstrap 4 cascade item*

---

## Description

Build an argon cascade item

## Usage

```
argonCascadeItem(name, size = NULL, src = NULL)
```

## Arguments

name	Icon name.
size	Icon size: NULL, "sm" or "lg".
src	Optional external url, link, ...

**Author(s)**

David Granjon, <dgranjon@ymail.com>

---

argonColumn      *Create a Bootstrap 4 column*

---

**Description**

Build an argon column

**Usage**

```
argonColumn(..., width = NULL, center = FALSE, offset = NULL)
```

**Arguments**

...	Any UI element.
width	Optional. Column width between 1 and 12.
center	Whether to center column elements or not. FALSE by default.
offset	Column offset. NULL by default. Importantly, offset + width cannot exceed 12!

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonColumn(  
    width = 4,  
    argonAlert(  
      icon = "basket",  
      status = "danger",  
      "This is an alert",  
      closable = TRUE  
    )  
  )  
}
```

---

`argonContact`*Create a Bootstrap 4 argon contact form*

---

**Description**

Build an argon contact form

**Usage**

```
argonContact(  
  title = NULL,  
  subtitle = NULL,  
  name = "Your name",  
  mail = "Email Adress",  
  subject = "Subject",  
  message,  
  mailto,  
  width = 8  
)
```

**Arguments**

<code>title</code>	Form title.
<code>subtitle</code>	Form subtitle.
<code>name</code>	Contact name.
<code>mail</code>	Contact mail.
<code>subject</code>	Message subject.
<code>message</code>	For message
<code>mailto</code>	Adress to which send the form.
<code>width</code>	Form width. Between 1 and 12.

**Note**

Need to have an active formspree.io account. See <https://formspree.io>. Only works on web-server!

**Author(s)**

David Granjon, <[dgranjon@gmail.com](mailto:dgranjon@gmail.com)>

---

argonContainer	<i>Create a bootstrap 4 container</i>
----------------	---------------------------------------

---

**Description**

Create a bootstrap 4 container

**Usage**

```
argonContainer(..., size = NULL)
```

**Arguments**

...	Tag to be embedded.
size	Container size. NULL or "lg".

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonContainer()  
}
```

---

argonDropdown	<i>Create a Bootstrap 4 argon dropdown menu</i>
---------------	---

---

**Description**

Build an argon dropdown menu

**Usage**

```
argonDropdown(..., name, size = NULL)
```

**Arguments**

...	Slot for <a href="#">argonDropdownItem</a> .
name	Dropdown menu name.
size	Dropdown size: NULL or "xl".

**Author(s)**

David Granjon, <dgranjon@gmail.com>

---

argonDropdownItem      *Create a Bootstrap 4 argon dropdown item*

---

### Description

Build an argon dropdown item

### Usage

```
argonDropdownItem(  
  name = NULL,  
  description = NULL,  
  src = NULL,  
  icon = NULL,  
  status = NULL  
)
```

### Arguments

name	Item name.
description	Item description if any.
src	HTML target page.
icon	Item icon of any. Expect <a href="#">argonIcon</a> or <a href="#">icon</a> .
status	Icon and name color status. 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>

---

argonFooter      *Create a Bootstrap 4 argon footer*

---

### Description

Build an argon footer

### Usage

```
argonFooter(..., has_card = FALSE, status = NULL, gradient = FALSE)
```

**Arguments**

...	Footer content.
has_card	Enable card rendering in the footer. FALSE by default.
status	Footer status 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> .
gradient	Whether to apply a gradient. FALSE by default.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if(interactive()){
  library(argonR)
  argonFooter(
    has_card = FALSE,
    argonContainer(
      size = "lg",
      argonRow(
        argonColumn(
          width = 6,
          argonIconWrapper(
            iconTag = argonIcon("atom"),
            size = "lg",
            status = "success",
            shadow = TRUE,
            hover_shadow = TRUE
          ),
          argonH1(
            display = 3,
            "Insert anything in the footer"
          ),
          argonLead(
            "The Arctic Ocean freezes every winter and much of
            the sea-ice then thaws every summer, and that process
            will continue whatever"
          )
        ),
        argonColumn(
          width = 6,
          argonCarousel(
            width = 12,
            id = "carousel2",
            argonCarouselItem(
              src = "http://www.72pxdesigns.com/wp-content/uploads/2017/06/preview-814162.png",
              active = TRUE
            ),
            argonCarouselItem(
              src = "http://www.72pxdesigns.com/wp-content/uploads/2017/06/preview-814162.png",
              active = FALSE
            )
          )
        )
      )
    )
  }
```

```
    )
  )
)
)
)
}
```

---

argonH1

*Create a custom h1 tag*

---

### **Description**

A custom h1 tag

### **Usage**

```
argonH1(..., display)
```

### **Arguments**

...	Any text.
display	value between 1 and 4.

### **Author(s)**

David Granjon, <dgranjon@ymail.com>

### **Examples**

```
if (interactive()) {
  library(argonR)
  argonH1(display = 3, "ArgonR elements")
}
```



---

argonIcon	<i>Create a Nucleo icon</i>
-----------	-----------------------------

---

**Description**

Build an argon Nucleo icon

**Usage**

```
argonIcon(name, color = NULL)
```

**Arguments**

name	icon name.
color	icon 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@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonIcon("atom")  
}
```

---

argonIconWrapper	<i>Create a Nucleo icon wrapper</i>
------------------	-------------------------------------

---

**Description**

Build an argon Nucleo icon wrapper

**Usage**

```
argonIconWrapper(  
  iconTag,  
  circle = TRUE,  
  size = NULL,  
  status = "default",  
  gradient_color = NULL,  
  shadow = TRUE,  
  hover_shadow = FALSE  
)
```

### Arguments

iconTag	Slot for <a href="#">argonIcon</a>
circle	Wrapper's shape. TRUE by default.
size	Wrapper size. "sm", "md" or "lg".
status	Wrapper 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> .
gradient_color	icon gradient background color.
shadow	Whether to apply a shadow effect. TRUE by default.
hover_shadow	Only if shadow is TRUE. Whether to enlarge the shadow on hover. FALSE by default.

### Author(s)

David Granjon, <dgranjon@gmail.com>

### Examples

```
if (interactive()) {  
  library(argonR)  
  argonIconWrapper(  
    iconTag = argonIcon("atom"),  
    size = "lg",  
    status = "danger",  
    shadow = TRUE,  
    hover_shadow = TRUE  
  )  
}
```

---

argonImage

*Create a Bootstrap 4 image container*

---

### Description

Build an argon image container

### Usage

```
argonImage(  
  src = NULL,  
  url = NULL,  
  floating = FALSE,  
  card_mode = FALSE,  
  hover_lift = FALSE,  
  width = NULL  
)
```

**Arguments**

src	Image source or path.
url	Only with card_mode on. Optional external link.
floating	Whether to apply a floating effect. FALSE by default.
card_mode	Whether to include the image in a card wrapper. FALSE by default.
hover_lift	Whether to apply a lift effect on hover. FALSE by default. Not compatible with floating. Only if card_mode is TRUE.
width	Image manual width in px.

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonImage(  
    floating = TRUE,  
    src = "https://demos.creative-tim.com/argon-design-system/assets/img/ill/ill-2.svg",  
    hover_lift = TRUE  
  )  
}
```

---

argonInstall

*Install argon assets*

---

**Description**

Install argon assets

**Usage**

```
argonInstall(path = getwd())
```

**Arguments**

path	Where to store assets. By default, getwd().
------	---

**Note**

argon assets are stored in the inst folder similarly as the package folder.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if(interactive()){  
  library(argonR)  
  argonInstall()  
}
```

---

argonLead

*Create a custom p tag*

---

**Description**

A custom p tag

**Usage**

```
argonLead(...)
```

**Arguments**

... Any text.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonLead("Badges")  
}
```

---

`argonMargin`*Change tag margins*

---

**Description**

Change tag margins

**Usage**

```
argonMargin(tag, orientation, value)
```

**Arguments**

<code>tag</code>	Tag to be treated.
<code>orientation</code>	Margin side. See <a href="https://getbootstrap.com/docs/4.1/utilities/spacing/">https://getbootstrap.com/docs/4.1/utilities/spacing/</a> .
<code>value</code>	Margin value, negative or positive. See <a href="https://getbootstrap.com/docs/4.1/utilities/spacing/">https://getbootstrap.com/docs/4.1/utilities/spacing/</a> .

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonMargin(tag = h1("test"), orientation = "t", value = -1)  
  argonMargin(tag = h1("test"), orientation = "x", value = 7)  
}
```

---

`argonModal`*Create a Bootstrap 4 argon modal*

---

**Description**

Build an argon modal

**Usage**

```
argonModal(..., id, title = NULL, status = NULL, gradient = FALSE)
```

**Arguments**

...	Modal body content.
id	Modal unique id. Should be the same as modal_id from <a href="#">argonButton</a> .
title	Modal title.
status	Modal 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> .
gradient	Modal background gradient. FALSE by default. Does not work if status is NULL.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if(interactive()){
  library(argonR)
  argonModal(
    id = "modal1",
    title = "This is a modal",
    status = "danger",
    gradient = TRUE,
    "YOU SHOULD READ THIS!",
    br(),
    "A small river named Duden flows by their place and supplies it with the necessary regalia."
  )
}
```

---

argonMuted

*Create a muted text*

---

**Description**

Apply the class muted to a text

**Usage**

```
argonMuted(...)
```

**Arguments**

... Any text.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

## Examples

```
if (interactive()) {  
  library(argonR)  
  argonMuted(argonLead("Badges"))  
}
```

---

argonNavbar

*Create a Bootstrap 4 argon navbar*

---

## Description

Build an argon navbar

## Usage

```
argonNavbar(  
  ...,  
  href = "#",  
  src = NULL,  
  src_collapsed = NULL,  
  id,  
  headroom = TRUE  
)
```

## Arguments

...	Slot for <a href="#">argonNavMenu</a> .
href	Link to another HTML page.
src	Brand image path or url.
src_collapsed	Brand image path or url on small devices. Background is white.
id	Navbar toggle unique id.
headroom	Whether to apply headroom.js effect to the header. TRUE by default.

## Author(s)

David Granjon, <dgranjon@gmail.com>

## Examples

```
if(interactive()){  
  library(argonR)  
  argonNavbar(  
    id = "main-navbar",  
    src = "https://demos.creative-tim.com/argon-design-system/assets/img/brand/white.png",
```

```

# left menu
argonNavMenu(
  argonDropdown(
    name = "Components",
    size = "lg",
    argonDropdownItem(
      name = "Getting Started",
      description = "BlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBla",
      src = "test.html",
      icon = "spaceship",
      status = "primary"
    ),
    argonDropdownItem(
      name = "Foundation",
      description = "BlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBla",
      src = "",
      icon = "palette",
      status = "warning"
    ),
    argonDropdownItem(
      name = "Components",
      description = "BlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBlaBla",
      src = "",
      icon = "ui-04",
      status = "success"
    )
  )
),
# right menu
argonNavMenu(
  side = "right",
  argonNavItem(
    name = "facebook",
    src = "https://www.facebook.com",
    icon = "facebook-square",
    tooltip = "Like us on Facebook"
  ),
  argonNavItem(
    name = "instagram",
    src = "https://www.instagram.com",
    icon = "instagram",
    tooltip = "Follow us on Instagram"
  ),
  argonNavItem(
    name = "twitter",
    src = "https://www.twitter.com",
    icon = "twitter-square",
    tooltip = "Follow us on Twitter"
  ),
  argonNavItem(
    name = "github",
    src = "https://www.github.com",
    icon = "github",

```



```
        tooltip = "Star us on Github"  
    )  
)  
)  
}
```

---

argonNavItem

*Create a Bootstrap 4 argon navbar item*

---

### Description

Build an argon navbar item

### Usage

```
argonNavItem(name = NULL, src = NULL, icon = NULL, tooltip = NULL)
```

### Arguments

name	Item name.
src	HTML target page.
icon	Item icon of any. Expect <a href="#">argonIcon</a> or <a href="#">icon</a> .
tooltip	Text to display when the item is hovered.

### Author(s)

David Granjon, <dgranjon@ymail.com>

---

argonNavMenu

*Create a Bootstrap 4 argon navbar menu*

---

### Description

Build an argon navbar menu

### Usage

```
argonNavMenu(..., side = "left")
```

### Arguments

...	Slot for <a href="#">argonNavItem</a> and <a href="#">argonDropdown</a> .
side	Nav menu side. "left by default" but can also be "right".

### Author(s)

David Granjon, <dgranjon@ymail.com>

argonPadding

*Change tag padding*

---

**Description**

Change tag padding

**Usage**

```
argonPadding(tag, orientation, value)
```

**Arguments**

tag	Tag to be treated.
orientation	Padding side. See <a href="https://getbootstrap.com/docs/4.1/utilities/spacing/">https://getbootstrap.com/docs/4.1/utilities/spacing/</a> .
value	Padding value. See <a href="https://getbootstrap.com/docs/4.1/utilities/spacing/">https://getbootstrap.com/docs/4.1/utilities/spacing/</a> .

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonPadding(tag = h1("test"), orientation = NULL, value = 5)  
  argonPadding(tag = h1("test"), orientation = "x", value = 2)  
}
```

---

argonPage*Create a Bootstrap 4 argon page*

---

**Description**

Build an argon page

**Usage**

```
argonPage(  
  ...,  
  title = NULL,  
  description = NULL,  
  author = NULL,  
  navbar = NULL,  
  footer = NULL,
```

```

    favicon = NULL,
    analytics = NULL
)

```

### Arguments

...	Body content
title	App title.
description	Purpose.
author	Author.
navbar	Navbar.
footer	Footer.
favicon	Website favicon. The png must be located in inst/images.
analytics	Website analytics such as Hotjar or google analytics. Must be wrapped in tagList or list. Moreover the script must be contained in a <script></script> tag: if it is not already the case, use tags\$script.

### Author(s)

David Granjon, <dgranjon@ymail.com>

### Examples

```

if(interactive()){
  library(argonR)
  argonPage(
    title = "ArgonR Static Template",
    author = "Somebody",
    description = "HTML Static Template",
    navbar = argonNavbar(id = "navbar"),
    footer = argonFooter(),
    # main content
    argonSection(),
    argonSection(),
    argonSection(),
    argonSection(),
    argonSection()
  )
}

```

argonPageTemplate      *Create an HTML version of the argonPage*

---

### Description

Create an HTML version of the argonPage

### Usage

```
argonPageTemplate(filename = "index", path = getwd(), argonPage, view = TRUE)
```

### Arguments

filename	HTML filename for instance, index.html.
path	Where to store the saved file. By default, getwd().
argonPage	Slot for <a href="#">argonPage</a> .
view	Whether to preview the page in a web browser. TRUE by default.

### Note

Do not forget to copy the inst folder of the package to the root of your website folder.

### Author(s)

David Granjon, <dgranjon@ymail.com>

### Examples

```
if(interactive()){
  library(argonR)

  # generate the page
  example <- argonPage(
    title = "ArgonR Static Template",
    author = "Somebody",
    description = "HTML Static Template",
    navbar = argonNavbar(id = "navbar"),
    footer = argonFooter(),
    # main content
    argonSection(),
    argonSection(),
    argonSection(),
    argonSection(),
    argonSection()
  )

  # create the path
  path <- getwd()
```

```
# generate the static page
argonPageTemplate(filename = "example", path = path, argonPage = example)

}
```

---

argonPagination	<i>Build an argon pagination container</i>
-----------------	--

---

### Description

Build an argon pagination container

### Usage

```
argonPagination(..., size = NULL, align = NULL)
```

### Arguments

...	Slot for <a href="#">argonPaginationItem</a> .
size	Pagination size: NULL, "sm" or "lg".
align	Pagination alignment. NULL (left), "center" or "end" (right).

### Note

align will not work if you embed the argonPagination in an argonRow.

### Author(s)

David Granjon, <dgranjon@ymail.com>

### Examples

```
if(interactive()){
  library(argonR)
  argonPagination(
    size = "lg",
    align = "center",
    argonPaginationItem(
      name = 1,
      src = "test.html"
    ),
    argonPaginationItem(
      name = 2,
      src = "https://www.google.com"
    )
  )
}
```

---

argonPaginationItem     *Build an argon pagination item*

---

**Description**

Build an argon pagination item

**Usage**

```
argonPaginationItem(name, src = NULL)
```

**Arguments**

name	Item name. Better to use numerics such as 1, 2, 3, ...
src	Item target. Another html page for instance.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

---

argonPersp                 *Create a Bootstrap 4 perspective effect*

---

**Description**

Build an argon perspective effect

**Usage**

```
argonPersp(..., side)
```

**Arguments**

...	Tag to be treated by the persp effect.
side	Perspective side effect. "right" or "left".

**Note**

Disabled on small screens (not a bug)

**Author(s)**

David Granjon, <dgranjon@ymail.com>

## Examples

```
if (interactive()) {  
  library(argonR)  
  argonPersp(argonCard(), side = "right")  
}
```

---

argonProfile	<i>Create a Bootstrap 4 profile card</i>
--------------	--

---

## Description

Build an argon profile card

## Usage

```
argonProfile(  
  ...,  
  title = NULL,  
  subtitle = NULL,  
  src = NULL,  
  url = NULL,  
  url_1 = NULL,  
  url_2 = NULL,  
  stats  
)
```

## Arguments

...	Any element.
title	Profile title.
subtitle	Profile subtitle.
src	Profile image path or url.
url	Main url.
url_1	First social link.
url_2	Second social link.
stats	Stats items. See <a href="#">argonProfileStats</a> .

## Note

Do not work on argonR. Only for argon Dash

## Author(s)

David Granjon, <dgranjon@gmail.com>

## Examples

```
if(interactive()){
  library(argonR)
  argonProfile(
    title = "John",
    subtitle = "Japan, Kagoshima",
    src = "https://image.flaticon.com/icons/svg/1006/1006540.svg",
    url = "https://www.google.com",
    url_1 = "https://www.google.com",
    url_2 = "https://www.google.com",
    stats = argonProfileStats(
      argonProfileStat(
        value = 22,
        description = "Friends"
      ),
      argonProfileStat(
        value = 10,
        description = "Photos"
      ),
      argonProfileStat(
        value = 89,
        description = "Comments"
      )
    ),
    "An artist of considerable range, Ryan
    the name taken by Melbourne-raised,
    Brooklyn-based Nick Murphy writes,
    performs and records all of his own music,
    giving it a warm, intimate feel with a solid
    groove structure. An artist of considerable
    range."
  )
}
```

---

argonProfileStat      *Create a Bootstrap 4 profile card stat item*

---

## Description

Build an argon profile card stat item

## Usage

```
argonProfileStat(value, description)
```

## Arguments

value            Stat value.  
description     Stat description.



**Author(s)**

David Granjon, <dgranjon@ymail.com>

---

argonProfileStats      *Create a Bootstrap 4 profile card stats container*

---

**Description**

Build an argon profile card stats container

**Usage**

```
argonProfileStats(...)
```

**Arguments**

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

**Author(s)**

David Granjon, <dgranjon@ymail.com>

---

argonProgress              *Create a progress bar*

---

**Description**

Build an argon progress bar

**Usage**

```
argonProgress(value, text = NULL, status = "primary")
```

**Arguments**

value	Progress value between 0 and 100.
text	Label text.
status	Progress status 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@ymail.com>

## Examples

```
if (interactive()) {  
  library(argonR)  
  argonProgress(value = 10, status = "danger", text = "Custom Text")  
}
```

---

argonQuote

*Create a quotation tag*

---

## Description

A custom quotation tool

## Usage

```
argonQuote(..., footer = NULL, source = NULL, align = "center")
```

## Arguments

...	Any text.
footer	Footer content, if any.
source	Source if any.
align	Text alignment. "center", "right" or "left".

## Author(s)

David Granjon, <dgranjon@ymail.com>

## Examples

```
if (interactive()) {  
  library(argonR)  
  argonQuote(align = "center", "I am a text")  
}
```

---

argonRow	<i>Create a Bootstrap 4 row</i>
----------	---------------------------------

---

**Description**

Build an argon row

**Usage**

```
argonRow(..., center = FALSE)
```

**Arguments**

...	Any UI element.
center	Whether to center row elements or not. FALSE by default.

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if (interactive()) {
  library(argonR)
  argonRow(
    argonColumn(
      width = 6,
      argonH1(
        display = 3,
        "ArgonR, HTML static template for R",
        htmltools::span("completed with examples")
      ) %>% argonTextColor(color = "white"),
      argonLead(
        "Argon is a great free UI package based on Bootstrap
         4 that includes the most important components and features"
      ) %>% argonTextColor(color = "white")
    ),
    argonColumn(
      width = 6,
      argonImage(
        src = "inst/images/imac.svg",
        floating = TRUE
      ) %>% argonPersp(side = "right")
    ) %>% argonBlur()
  )
}
```

argonSection

*Create a Bootstrap 4 section container*

---

**Description**

Build an argon section container

**Usage**

```
argonSection(  
  ...,  
  size = NULL,  
  status = "default",  
  gradient = FALSE,  
  separator = FALSE,  
  separator_color = "secondary",  
  shape = FALSE,  
  cascade = FALSE  
)
```

**Arguments**

...	Any UI element.
size	Section size. NULL by default.
status	Section status. 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> .
gradient	Section gradient effect. FALSE by default.
separator	Section 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> .
shape	Whether to include shape in the background. FALSE by default.
cascade	Whether to enable a cascade effect. FALSE by default.

**Note**

Do not use with the argonDash package. Only for argonR.

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```

if (interactive()) {
  library(argonR)
  argonSection(
    size = "lg",
    status = "default",
    gradient = TRUE,
    separator = TRUE,
    separator_color = "white",
    shape = TRUE,
    argonColumn(
      argonRow(
        argonColumn(
          width = 6,
          argonH1(
            display = 3,
            "ArgonR, HTML static template for R",
            htmltools::span("completed with examples")
          ) %>% argonTextColor(color = "white"),
          argonLead(
            "Argon is a great free UI package based on Bootstrap
            4 that includes the most important components and features"
          ) %>% argonTextColor(color = "white")
        ),
        argonColumn(
          width = 6,
          argonImage(
            src = "inst/images/imac.svg",
            floating = TRUE
          ) %>% argonPersp(side = "right")
        ) %>% argonBlur()
      )
    )
  )
}

```

---

argonSocialButton      *Create a Bootstrap 4 argon social button*

---

**Description**

Build an argon social button

**Usage**

```
argonSocialButton(src = NULL, status = "default", icon = NULL)
```

**Arguments**

src	Button external link.
status	Button color. See <a href="https://demos.creative-tim.com/argon-design-system/docs/components/buttons.html">https://demos.creative-tim.com/argon-design-system/docs/components/buttons.html</a> .
icon	Button icon. Expect <a href="#">icon</a> .

**Author(s)**

David Granjon, <dgranjon@gmail.com>

**Examples**

```
if(interactive()){
  library(argonR)
  argonSocialButton(
    src = "http://rinterface.com",
    status = "danger",
    icon = icon("facebook")
  )
}
```

---

argonTab

*Create a Bootstrap 4 tab item*

---

**Description**

Build an argon tab item

**Usage**

```
argonTab(..., 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@gmail.com>

---

argonTabSet                      *Create a Bootstrap 4 tabs*

---

## Description

Build an argon tabs

## Usage

```
argonTabSet(  
  ...,  
  id,  
  card_wrapper = FALSE,  
  horizontal = TRUE,  
  circle = FALSE,  
  size = "sm",  
  width = 6,  
  iconList = NULL  
)
```

## Arguments

...	Slot for <a href="#">argonTab</a> .
id	argonTabs id. Should be unique.
card_wrapper	Whether to embed tab content in a card. FALSE by default.
horizontal	Whether to display tabs horizontally. TRUE by default.
circle	Whether to display circled design. FALSE by default.
size	Tabs size. "sm" by default. "md", "lg".
width	Tabs width. Between 1 and 12.
iconList	A list of <a href="#">argonIcon</a> or <a href="#">icon</a> . The length must have the same length as the number of tabs. NULL by default.

## Author(s)

David Granjon, <dgranjon@ymail.com>

## Examples

```
if (interactive()) {  
  library(argonR)  
  argonTabSet(  
    id = "tabset1",  
    card_wrapper = TRUE,  
    horizontal = TRUE,  
    circle = FALSE,  
    size = "sm",
```

```
width = 6,  
iconList = list(  
  argonIcon("cloud-upload-96"),  
  argonIcon("bell-55"),  
  argonIcon("calendar-grid-58")  
),  
argonTab(  
  tabName = "Tab 1",  
  active = FALSE,  
  "tabText1"  
),  
argonTab(  
  tabName = "Tab 2",  
  active = TRUE,  
  "tabText2"  
),  
argonTab(  
  tabName = "Tab 3",  
  active = FALSE,  
  "tabText3"  
)  
)  
)  
}
```

---

argonTextColor

*Add a custom color to a text*

---

### **Description**

A custom color fo your text

### **Usage**

```
argonTextColor(tag, color)
```

### **Arguments**

tag	Any tag containing text.
color	Text 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>



**Examples**

```
if (interactive()) {  
  library(argonR)  
  library(htmltools)  
  argonTextColor(  
    tag = h1("test"),  
    color = "success"  
  )  
}
```

---

argonTooltip

*Create a bootstrap 4 tooltip*

---

**Description**

Create a bootstrap 4 tooltip

**Usage**

```
argonTooltip(tag, position, title = NULL)
```

**Arguments**

tag	Tag to be documented.
position	Where to display the tooltip: "top", "right", "bottom" or "left".
title	Tooltip title.

**Author(s)**

David Granjon, <dgranjon@ymail.com>

**Examples**

```
if (interactive()) {  
  library(argonR)  
  argonTooltip(  
    position = "left",  
    title = "I am a nice card",  
    argonCard(  
      status = "primary",  
      width = 12,  
      title = "Card 1",  
      hover_lift = TRUE,  
      shadow = TRUE,  
      icon = "check-bold",  
      src = "#",  
    )  
  )  
}
```

```
"Argon is a great free UI package based on Bootstrap 4
that includes the most important components and features."
)
)
}
```

---

argonUser

*Create a Bootstrap 4 user image*

---

### Description

Build an argon user image

### Usage

```
argonUser(..., title = NULL, subtitle = NULL, src = NULL)
```

### Arguments

...	Any element such as <a href="#">argonIcon...</a>
title	User title.
subtitle	User subtitle.
src	User image url or path.

### Author(s)

David Granjon, <dgranjon@gmail.com>

### Examples

```
if (interactive()) {
  library(argonR)
  argonUser(
    title = "Ryan Tompson",
    subtitle = "Web Developer",
    src = "https://demos.creative-tim.com/argon-design-system/assets/img/theme/team-1-800x800.jpg"
  )
}
```

---

NS *Namespaced IDs for inputs/outputs*

---

**Description**

Namespaced IDs for inputs/outputs

**Usage**

NS(namespace, id = NULL)

ns.sep

**Arguments**

namespace	The character vector to use for the namespace. This can have any length, though a single element is most common. Length 0 will cause the id to be returned without a namespace, and length 2 will be interpreted as multiple namespaces, in increasing order of specificity (i.e. starting with the top-level namespace).
id	The id string to be namespaced (optional).

**Format**

An object of class character of length 1.

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