

Package ‘shinyEffects’

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Type Package

Title Customize Your Web Apps with Fancy Effects

Version 0.2.0

Maintainer David Granjon <dgranjon@gmail.com>

Description Add fancy CSS effects to your 'shinydashboards' or 'shiny' apps.
100% compatible with 'shinydashboardPlus' and 'bs4Dash'.

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Imports htmltools, shiny

Suggests shinydashboard, shinydashboardPlus, bs4Dash, rmarkdown, knitr

URL <https://github.com/RinteRface/shinyEffects>

BugReports <https://github.com/RinteRface/shinyEffects/issues>

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Author David Granjon [aut, cre],
RinteRface [cph]

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blurContainer	<i>Blur container</i>
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Description

Allow to apply a blur effect on a given element.

Usage

```
blurContainer(tag)
```

Arguments

tag	Element to apply the blur effect.
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setBlur	<i>Custom blur animation</i>
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Description

Allow to apply a blur effect on a given element.

Usage

```
setBlur(intensity = 2)
```

Arguments

intensity	Blur intensity.
-----------	-----------------

Examples

```
if (interactive()) {  
  
  library(shiny)  
  library(shinydashboard)  
  library(shinydashboardPlus)  
  library(shinyEffects)  
  
  boxTag <- box(  
    title = "A box",  
    status = "warning",  
    solidHeader = FALSE,  
    collapsible = TRUE,  
    p("Box Content")  
  )  
}
```

```
shinyApp(  
  ui = dashboardPage(  
    header = dashboardHeader(),  
    sidebar = dashboardSidebar(),  
    body = dashboardBody(  
      setBlur(),  
      fluidRow(blurContainer(boxTag), boxTag)  
    ),  
    controlbar = dashboardControlbar(),  
    title = "DashboardPage"  
  ),  
  server = function(input, output) { }  
)
```

setPersp

Custom perspective effect

Description

Allow to apply a perspective effect on a given element.

Usage

```
setPersp(  
  id = NULL,  
  class = NULL,  
  direction = "Y",  
  angle = 45,  
  depth = 600,  
  side = "left",  
  hover = FALSE  
)
```

Arguments

id	Use this argument if you want to target an individual element.
class	The element to which the persp should be applied.
direction	Perspective direction: "X" or "Y".
angle	Rotation intensity: numeric, 45 by default.
depth	Perspective depth: numeric, 600 by default.
side	Perspective side: "left" or "right".
hover	Whether to apply the persp effect on hover. FALSE by default.

Examples

```
if (interactive()) {  
  
  library(shiny)  
  library(shinydashboard)  
  library(shinydashboardPlus)  
  library(shinyEffects)  
  
  boxTag <- box(  
    id = "mybox",  
    title = "A box",  
    status = "warning",  
    solidHeader = FALSE,  
    collapsible = TRUE,  
    p("Box Content")  
  )  
  
  shinyApp(  
    ui = dashboardPage(  
      header = dashboardHeader(),  
      sidebar = dashboardSidebar(),  
      body = dashboardBody(  
  
        setPersp(id = "mybox", angle = 45),  
  
        tags$h2("Add Perspective effects"),  
        br(),  
        boxTag  
      ),  
      controlbar = dashboardControlbar(),  
      title = "DashboardPage"  
    ),  
    server = function(input, output) { }  
  )  
}
```

setPulse

Custom pulse animation: UI side

Description

Allow to apply a pulse animation on a given element.

Usage

```
setPulse(id = NULL, class = NULL, duration = 1, iteration = 5)
```

Arguments

id	Use this argument if you want to target an individual element.
class	The element to which the pulse should be applied. For example, class is set to box. All elements having the box class will be affected.
duration	Pulse frequency. 1s by default.
iteration	Pulse iteration. 5 by default.

Examples

```
if (interactive()) {  
  
  library(shiny)  
  library(shinydashboard)  
  library(shinydashboardPlus)  
  library(shinyEffects)  
  
  boxTag <- boxPlus(  
    title = "A box",  
    status = "warning",  
    solidHeader = FALSE,  
    collapsible = TRUE,  
    p("Box Content")  
  )  
  
  shinyApp(  
    ui = dashboardPage(  
      header = dashboardHeader(),  
      sidebar = dashboardSidebar(),  
      body = dashboardBody(  
  
        setPulse(class = "box", duration = 1, iteration = 100),  
        setPulse(id = "my-progress", duration = 1, iteration = 100),  
  
        tags$h2("Add pulse animation to the box class"),  
        fluidRow(boxTag, boxTag),  
        tags$h2("Add pulse animation only to the first element using id"),  
        tagAppendAttributes(  
          progressBar(  
            value = 10,  
            striped = TRUE,  
            animated = TRUE,  
            vertical = TRUE  
          ),  
          id = "my-progress"  
        ),  
        progressBar(  
          value = 50,  
          status = "warning",  
          size = "xs",  
          vertical = TRUE  
        )  
      )  
    )  
  )  
}
```

```

    ),
    controlbar = dashboardControlbar(),
    title = "DashboardPage"
  ),
  server = function(input, output) { }
}

```

 setShadow

Custom shadows

Description

Allow to apply a shadow on a given element.

Usage

```
setShadow(id = NULL, class = NULL)
```

Arguments

<code>id</code>	Use this argument if you want to target an individual element.
<code>class</code>	The element to which the shadow should be applied. For example, class is set to box.

Examples

```

if (interactive()) {

  library(shiny)
  library(shinydashboard)
  library(shinydashboardPlus)
  library(shinyEffects)

  boxTag <- box(
    title = "A box",
    status = "warning",
    solidHeader = FALSE,
    collapsible = TRUE,
    p("Box Content")
  )

  shinyApp(
    ui = dashboardPage(
      header = dashboardHeader(),
      sidebar = dashboardSidebar(),
      body = dashboardBody(

        setShadow(class = "box"),
        setShadow(id = "my-progress"),

```

```

tags$h2("Add shadow to the box class"),
fluidRow(boxTag, boxTag),
tags$h2("Add shadow only to the first element using id"),
tagAppendAttributes(
  progressBar(
    value = 10,
    striped = TRUE,
    animated = TRUE,
    vertical = TRUE
  ),
  id = "my-progress"
),
progressBar(
  value = 50,
  status = "warning",
  size = "xs",
)
),
controlbar = dashboardControlbar(),
title = "DashboardPage"
),
server = function(input, output) { }
)
}

```

setShake

Custom shake animation

Description

Allow to apply a shake animation on a given element.

Usage

```
setShake(id = NULL, class = NULL, duration = 0.82)
```

Arguments

id	Use this argument if you want to target an individual element.
class	The element to which the shake should be applied. For example, class is set to box.
duration	Shake total duration. 0.82s by default.

Examples

```

if (interactive()) {
  library(shiny)

```

```

library(shinydashboard)
library(shinydashboardPlus)
library(shinyEffects)

boxTag <- box(
  title = "A box",
  status = "warning",
  solidHeader = FALSE,
  collapsible = TRUE,
  p("Box Content")
)

shinyApp(
  ui = dashboardPage(
    header = dashboardHeader(),
    sidebar = dashboardSidebar(),
    body = dashboardBody(

      setShake(class = "box"),
      setShake(id = "my-progress"),

      tags$h2("Add shake to the box class"),
      fluidRow(boxTag, boxTag),
      tags$h2("Add shake only to the first element using id"),
      tagAppendAttributes(
        progressBar(
          value = 10,
          striped = TRUE,
          animated = TRUE,
          vertical = TRUE
        ),
        id = "my-progress"
      ),
      progressBar(
        value = 50,
        status = "warning",
        size = "xs",
      )
    ),
    controlbar = dashboardControlbar(),
    title = "Shake Effect"
  ),
  server = function(input, output) { }
)
}

```

setZoom

Custom zoom

Description

Allow to apply a zoom on a given element.

Usage

```
setZoom(id = NULL, class = NULL, scale = 1.05)
```

Arguments

<code>id</code>	Use this argument if you want to target an individual element.
<code>class</code>	The element to which the zoom should be applied. For example, class is set to box.
<code>scale</code>	Zoom scale. 1.05 by default (5% bigger than the normal). We do not recommend using higher values, except in some particular cases.

Examples

```
if (interactive()) {  
  
  library(shiny)  
  library(shinydashboard)  
  library(shinydashboardPlus)  
  library(shinyEffects)  
  
  boxTag <- box(  
    title = "A box",  
    status = "warning",  
    solidHeader = FALSE,  
    collapsible = TRUE,  
    p("Box Content")  
  )  
  
  shinyApp(  
    ui = dashboardPage(  
      header = dashboardHeader(),  
      sidebar = dashboardSidebar(),  
      body = dashboardBody(  
  
        setZoom(class = "box"),  
        setZoom(id = "my-progress"),  
  
        tags$h2("Add zoom to the box class"),  
        fluidRow(boxTag, boxTag),  
        tags$h2("Add zoom only to the first element using id"),  
        tagAppendAttributes(  
          progressBar(  
            value = 10,  
            striped = TRUE,  
            animated = TRUE,  
            vertical = TRUE  
          ),  
          id = "my-progress"  
        ),  
        progressBar(  
          value = 50,  

```

```
      status = "warning",
      size = "xs",
    )
  ),
  controlbar = dashboardControlbar(),
  title = "DashboardPage"
),
server = function(input, output) { }
}
```

shinyEffectsGallery *Launch the shinyEffects Gallery*

Description

A gallery of all components available in shinyEffects.

Usage

```
shinyEffectsGallery()
```

Examples

```
if (interactive()) {
  shinyEffectsGallery()
}
```

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