

Package ‘lareshiny’

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Type Package

Title Lares 'shiny' Modules

Version 0.0.3

Maintainer Bernardo Lares <laresbernardo@gmail.com>

Description

Useful 'shiny' production-ready modules and helpers such as login window and visualization tools.

License AGPL-3

Encoding UTF-8

Imports dplyr, DT, htmltools, miniUI, shiny, shinydashboard,
shinyWidgets

Suggests h2o, lares

URL <https://github.com/laresbernardo/lareshiny>

BugReports <https://github.com/laresbernardo/lareshiny/issues>

RoxygenNote 7.2.3

NeedsCompilation no

Author Bernardo Lares [cre, aut]

Repository CRAN

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autoline_shiny	<i>Automatically wrap ggplot2 texts depending on rendered size</i>
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Description

This function automatically adapts the length of a title or subtitle text so that it wraps long texts in separate lines. This is useful to avoid trimming long texts when the rendered shiny size is shorter.

Usage

```
autoline_shiny(session, text, plot_name, font_size = 14, n = 1.6)
```

Arguments

session	Shiny's session object.
text	Character. Text for the title or subtitle or any text to be wrapped.
plot_name	Character. The name of the output plot.
font_size, n	Numeric. Values to help calculate a proxy of length.

Value

Character. String with wrapped values.

custom_footer	<i>Custom Footer: Customizes for Shiny's Footer</i>
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Description

This function personalizes your Shiny dashboard's footer with your company's name, link, help mail.

Usage

```
custom_footer(  
  company = "MyCoolCompany",  
  text = "ShinyDashboard",  
  site = "https://github.com/laresbernardo/lareshiny",  
  helpmail = "myemail@mydomain.com",  
  lang = "en"  
)
```

Arguments

company, text, site	Character. Your company's name and URL and the project's name to show in footer.
helpmail	Character. Developers mail
lang	Character. Language for the text.

Value

HTML string (tags\$footer).

custom_header	<i>Custom Header: Customized for Shiny's Header</i>
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Description

This function personalizes your Shiny dashboard's header with logo, links, favicon, font, and texts.

Usage

```
custom_header(
  title = "MyLareShiny",
  site = NULL,
  favicon = NULL,
  font = "Montserrat",
  logosrc = NULL,
  logo_height = "40px",
  logo_width = NULL,
  loadingsrc = NULL,
  load_height = "40px",
  load_width = NULL,
  text = Sys.Date(),
  type = 1
)
```

Arguments

title	Character. Your 'shiny' app title (displayed in Navigators' tab)
site	Character. URL for your site (opens when logo is clicked)
favicon	Character. Image for your favicon. Save file in www directory.
font	Character. Font for whole 'shiny' app. Use Google Fonts names.
logosrc, loadingsrc	Character. Logo image and loading image. For local files, save them in www directory to call them directly.

logo_height, logo_width, load_height, load_width
 Integer. Logo and loading images dimensions.

text
 Character. Text displayed in top right corner.

type
 Integer. 1 for complete dashboardHeader results, 2 for title results.

Value

A dashboardHeader object.

Examples

```
if (interactive()) {
  shinyApp(
    ui = dashboardPage(
      custom_header(
        title = "MyLareShiny",
        site = "https://github.com/laresbernardo/lareshiny",
        font = "Montserrat",
        logosrc = "logo.png",
        text = Sys.Date()
      ),
      dashboardSidebar(disable = TRUE),
      dashboardBody()
    ),
    server = function(input, output) { }
  )
}
```

 js_op

Totals Row for datatables

Description

Totals Row for datatables

Usage

```
js_op(column, operation, txt = "", signif = 3)
```

Arguments

column
 Integer. Starting from 0, which column to operate

operation
 Character. Select from sum, mean, count, custom

txt
 Character. Insert text before (or instead) operation

signif
 Integer. How many decimals to consider when operating

Value

Text that can be parsed as javascript.

`js_op_aux`*Helper for javascript code*

Description

Helper for javascript code

Usage

```
js_op_aux(type, df = NULL)
```

Arguments

<code>type</code>	Character. Select start, end or sketch.
<code>df</code>	data.frame. Needed for sketch only.

Value

Text that can be parsed as javascript.

`lareshiny`*Lares Shiny Modules*

Description

R library for quick useful Shiny modules

Author(s)

Bernardo Lares (laresbernardo@gmail.com)

See Also

Useful links:

- <https://github.com/laresbernardo/lareshiny>
- Report bugs at <https://github.com/laresbernardo/lareshiny/issues>

model_exporter	<i>Export Results from h2o_automl()</i>
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Description

Friendly app that helps you export lares' h2o_automl() results

Usage

```
model_exporter(model)
```

Arguments

model	List. Result from h2o_automl()
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Value

A shiny interactive app

Examples

```
if (interactive()) {
  model_exporter(model)
}
```

module_login	<i>Login Module for Shiny</i>
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Description

Login Module for Shiny with local User and Password. This must be added in the server section (no need to add UI)

Usage

```
module_login(
  input,
  session,
  users = c("123", "321"),
  pwds = c("123", "321"),
  logo = NA,
  logo_height = "100px",
  lang = "es",
  style = list(botton_txt_colour = "#FFFFFF", botton_bgd_colour = "#EBB600"),
  change_text = list(),
  logged = FALSE,
  personal = "MacBookBLB.local"
)
```

Arguments

input, session	Shiny's input and session objects.
users, pwds	Character Vector. User and password combinations accepted
logo	Character. Select image for logo display. Host local file in your www directory preferably
logo_height	Character. Height for rendering the logo.
lang	Character. Language. Currently accepted: es, en
style	List. Possible values for styling the module such as botton_txt_colour and botton_bgd_colour.
change_text	Named list. Change the default texts used.
logged	Boolean. You might want to set to TRUE when developing or testing your app so this module doesn't show up every time. Check the personal parameter as well
personal	Character vector. If you wish to auto-login certain user(s), set the values from Sys.info()[["nodename"]].

Value

A reactiveValues object

Examples

```
if (interactive()) {  
  ui <- fluidPage("Hello lareshiny!")  
  server <- function(input, output, session) {  
    login <- module_login(input, session, personal = "")  
    observe({  
      if (login$authenticated) message("We are in!")  
    })  
  }  
  shinyApp(ui, server)  
}
```

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