

Package: utilitybeltshiny (via r-universe)

August 28, 2024

Title utilitybeltshiny

Version 0.0.0.9000

Description Assorted utilities for building shiny apps.

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Imports config, golem, shiny, processx, attempt, DT, glue, htmltools,
shinyWidgets, utilitybeltassertions, shinyBS, assertthat,
magrittr

Encoding UTF-8

LazyData true

RoxygenNote 7.1.2

URL <https://github.com/selkamand/utilitybeltshiny>

BugReports <https://github.com/selkamand/utilitybeltshiny/issues>

Suggests covr, testthat

Remotes Thinkr-open/golem, selkamand/utilitybeltassertions

Repository <https://selkamand.r-universe.dev>

RemoteUrl <https://github.com/selkamand/utilitybeltshiny>

RemoteRef HEAD

RemoteSha 37327c736e87407ca040c51f301b0c7db079bc0a

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assert_non_reactive *assert_reactive*

Description

assert_reactive

Usage

```
assert_non_reactive(object, msg = "")
```

Arguments

object	object to test
msg	msg to be appended to the hard-coded default (string)

Value

invisible (TRUE) if expression is TRUE. Will error if is FALSE

assert_reactive *assert_reactive*

Description

assert_reactive

Usage

```
assert_reactive(object, msg = "")
```

Arguments

object	object to test
msg	msg to be appended to the hard-coded default (string)

Value

invisible (TRUE) if expression is TRUE. Will error if is FALSE

close_app_on_browser_exit
Stop App when browser closes

Description

Stops the app running if a user closes their web browser. Useful if distributing your app as a desktop / electron app.

Should be placed in the server function

Usage

```
close_app_on_browser_exit()
```

Details

WARNING: Not working ATM

conditionalUI *Conditional UI*

Description

This function takes some UI element and a compiletime-evaluated expression and returns the UI element ONLY if the condition is true

Usage

```
conditionalUI(expression, ui_element)
```

Arguments

expression	compile-time evaluated expression (no server/reactive variables)
ui_element	the UI element to display if

Details

WARNING: Do NOT use this function for runtime-dynamic UI elements. Only works with compiletime variables. For dynamic UI see `?shiny::conditionalPanel()`

Value

if expression==TRUE: taglist wrapping passed UI element. If expression == FALSE, empty taglist

Examples

```
#In UI:
somevariable=TRUE
shinyWidgets::panel(heading="constitutivepanel",
  conditionalUI(somevariable, shinyWidgets::panel(somevariable, heading="ConditionalPanel")),

  shiny::h1("constitutive title"),
  shiny::p("constitutive paragraph")
)
```

mod_download_dataframe_server
Download Dataframe

Description

Downloads a dataframe or datatable.

Usage

```
mod_download_dataframe_server(  
  id,  
  data_to_write,  
  filename_full,  
  rownames = FALSE,  
  colnames = TRUE  
)
```

Arguments

id	Internal parameters for shiny
data_to_write	dataframe or datatable (dataframe / data.table) (can be a reactive or non-reactive object)
filename_full	Name to save file under. Include any extensions (string)
rownames	Save row names? (boolean)
colnames	Save column names? (boolean)

Value

None, Run for its side effects. Downloads a dataframe/data.table to the local machine.

 mod_download_dataframe_ui

Download Dataframes

Description

A shiny module that adds a download button to

Usage

```
mod_download_dataframe_ui(
  id,
  label = "Download",
  tooltip_text = "",
  tooltip_pos = "right",
  style = "unite",
  color = "default",
  size = "sm"
)
```

Arguments

id	Internal parameters for shiny
label	The label that should appear on the button.
tooltip_text	text to appear when cursor hovers over download button (string)
tooltip_pos	Where the tooltip should appear relative to its target (top, bottom, left, or right). Defaults to "right"
style	Style of the button, to choose between simple, bordered, minimal, stretch, jelly, gradient, fill, material-circle, material-flat, pill, float, unite.
color	Color of the button : default, primary, warning, danger, success, royal.
size	Size of the button : xs,sm, md, lg.

 run_app

Run the Shiny Application

Description

Run the Shiny Application

Usage

```
run_app(onStart = NULL, options = list(), enableBookmarking = NULL, ...)
```

Arguments

onStart	A function that will be called before the app is actually run. This is only needed for shinyAppObj, since in the shinyAppDir case, a global .R file can be used for this purpose.
options	Named options that should be passed to the runApp call (these can be any of the following: "port", "launch.browser", "host", "quiet", "display.mode" and "test.mode"). You can also specify width and height parameters which provide a hint to the embedding environment about the ideal height/width for the app.
enableBookmarking	Can be one of "url", "server", or "disable". The default value, NULL, will respect the setting from any previous calls to enableBookmarking() . See enableBookmarking() for more information on bookmarking your app.
...	arguments to pass to golem_opts

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