

Package ‘shinycssloaders’

May 13, 2017

Type Package

Title Add CSS Loading Animations to 'shiny' Outputs

Version 0.2.0

Date 2017-05-03

Description Create a lightweight Shiny wrapper for the css-loaders created by Luke Hass <<https://github.com/lukehaas/css-loaders>>. Wrapping a Shiny output will automatically show a loader when the output is (re)calculating.

License GPL-3

URL <https://github.com/andrewsali/shinycssloaders>

Imports digest, glue, grDevices, shiny

RoxygenNote 5.0.1

NeedsCompilation no

Author Andras Sali [aut, cre] (Creator of Shiny-wrapper code),
Luke Hass [ctb, cph] (Author of included CSS loader code)

Maintainer Andras Sali <andras.sali@alphacruncher.hu>

Repository CRAN

Date/Publication 2017-05-12 22:46:15 UTC

R topics documented:

shinycssloaders	2
withSpinner	2

Index	4
--------------	----------

shinycssloaders	<i>shinycssloaders.</i>
-----------------	-------------------------

Description

Add automatic loading animations to your Shiny outputs (e.g. plots, tables) by adding a single function call around the Shiny output function. Animations automatically show / hide when the output is recalculating / recalculated (or error is thrown). You can choose from 8 different types of animations and you can also customize the color / size of the animation.

Details

For further reference on how to use the package, please refer to <https://github.com/andrewsali/shinycssloaders>

withSpinner	<i>Add a spinner (loader) that shows when an output is recalculating</i>
-------------	--

Description

Add a spinner (loader) that shows when an output is recalculating

Usage

```
withSpinner(ui_element, type = getOption("spinner.type", default = 1),
  color = getOption("spinner.color", default = "#0275D8"),
  size = getOption("spinner.size", default = 1),
  color.background = getOption("spinner.color.background"),
  custom.css = FALSE, proxy.height = if (grepl("height:\\s*\\d",
  ui_element)) NULL else "400px")
```

Arguments

ui_element	A UI element that should be wrapped with a spinner when the corresponding output is being calculated.
type	The type of spinner to use, valid values are integers between 1-8. They correspond to the enumeration in https://projects.lukehaas.me/css-loaders/
color	The color of the spinner to be applied in HTML in hex format
size	The size of the spinner, relative to its default size.
color.background	For certain spinners (type 2-3), you will need to specify the background colour of the spinner
custom.css	If custom css is to be applied, we don't enforce the color / size options to the given spinner id
proxy.height	If the output doesn't specify the output height, you can set a proxy height. It defaults to 400px for outputs with undefined height.

withSpinner

3

Examples

```
## Not run: withSpinner(plotOutput("my_plot"))
```

Index

shinycssloaders, [2](#)
shinycssloaders-package
 (shinycssloaders), [2](#)
withSpinner, [2](#)