

Package ‘crunchy’

May 5, 2017

Type Package

Title Shiny Apps on Crunch

Description To facilitate building custom dashboards on the Crunch data platform <<http://crunch.io/>>, the 'crunchy' package provides tools for working with 'shiny'. These tools include utilities to manage authentication and authorization automatically and custom stylesheets to help match the look and feel of the Crunch web application.

Version 0.2.0

Date 2017-05-04

Author Neal Richardson [aut, cre]

Maintainer Neal Richardson <neal@crunch.io>

URL <https://github.com/Crunch-io/crunchy>

BugReports <https://github.com/Crunch-io/crunchy/issues>

License LGPL (>= 3)

Depends R (>= 3.0.0), crunch, shiny

Suggests covr, testthat

RoxygenNote 6.0.0

NeedsCompilation no

Repository CRAN

Date/Publication 2017-05-05 06:54:07 UTC

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Description

Shiny provides page functions for defining UI layout. These functions wraps those and includes additional assets needed to match Crunch UI style and keep your users authenticated. When building shiny apps with Crunch datasets, use these instead of [shiny::fluidPage()] or [shiny::fillPage()].

Usage

```
crunchPage(...)
```

```
crunchFluidPage(...)
```

```
crunchFillPage(...)
```

Arguments

```
...           arguments passed to 'fluidPage' or 'fillPage'
```

Value

The result of 'fluidPage' or 'fillPage'

Examples

```
## Not run:
crunchPage(
  fluidRow(
    column(6,
      selectInput("filter",
        label="Filter",
        choices=filterList,
        selected="All"),
      br(),
      plotOutput("funnel1", height="300"),
    ),
    column(6,
      selectInput("brand",
        label="Competitor",
        choices=brands,
        selected="Nike"),
      br(),
      plotOutput("funnel2", height="300"),
    )
  )
)
## End(Not run)
```

| | |
|--------------|---|
| shinyDataset | <i>Load a dataset for a Shiny session</i> |
|--------------|---|

Description

This function wraps [crunch::loadDataset()] in a [shiny::reactive()] object for use in a Shiny app. It also ensures that the current user is authenticated with Crunch before proceeding.

Usage

```
shinyDataset(...)
```

Arguments

... Arguments passed to 'loadDataset'

Value

A Shiny 'reactive' object.

Examples

```
## Not run:
shinyServer(function(input, output, session) {
  ds <- shinyDataset("Your dataset name")

  freqs <- reactive({
    fmla <- as.formula(paste("~", input$varname))
    crtabs(fmla, data=ds())
  })
})

## End(Not run)
```

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