Package 'rintrojs'

January 11, 2024

Type Package

Title Wrapper for the 'Intro.js' Library

Version 0.3.4

Description A wrapper for the 'Intro.js' library (For more info: <https://introjs.com/>).
This package makes it easy to include step-by-step introductions, and clickable hints in a 'Shiny'
application. It supports both static introductions in the UI, and programmatic introductions from
the server-side.

License AGPL-3

Imports shiny, jsonlite

Depends R (>= 3.0.0)

RoxygenNote 7.2.3

URL <https://github.com/carlganz/rintrojs>, <http://rintrojs.carlganz.com>

BugReports <https://github.com/carlganz/rintrojs/issues>

Suggests testthat, covr

Config/potools/style base

NeedsCompilation no

Author Carl Ganz [aut, cre] (<<https://orcid.org/0000-0002-2973-3545>>),
Afshin Mehrabani [ctb, cph] (intro.js in javascript/introjs)

Maintainer Carl Ganz <carlganz@gmail.com>

Repository CRAN

Date/Publication 2024-01-11 21:30:02 UTC

R topics documented:

---

introBox   *Generate intro elements in UI*

Description

Wrap `introBox` around elements you want to include in introduction. Use data.step to order the boxes and data.intro to specify the comment in the introduction

Usage

```
introBox(
  ...,
  data.step,
  data.intro,
  data.hint,
  data.position = c("bottom", "auto", "top", "left", "right", "bottom",
   "bottom-left_aligned", "bottom-middle-aligned", "bottom-right-aligned", "auto")
)
```

Arguments

`...`	Elements in introduction element
`data.step`	a number indicating its spot in the order in the intro
`data.intro`	text for introduction
`data.hint`	text for clickable hints
`data.position`	position of intro

See Also

[introjsUI()](#) [introjs()](#)

Examples

```
## Not run:
library(rintrojs)
library(shiny)
ui <- shinyUI(fluidPage(
  introjsUI(), # must include in UI
  mainPanel(
    introBox(
      tableOutput("mtcars"),
      data.step = 1,
      data.intro = "This is the table"
    ),
    introBox(
      actionButton("btn","Intro"),
      data.step = 2,
```

```
      data.intro = "This is the button"
    )
  )))
server <- shinyServer(function(input, output, session) {
  output$mtcars <- renderTable({
    head(mtcars)
  })
  observeEvent(input$btn,
               introjs(session))
})
# Run the application
shinyApp(ui = ui, server = server)

## End(Not run)
```

---

  introjs   *Initiate intro.js*

Description

Initiates an introduction via the intro.js library

Usage

```
introjs(session, options = list(), events = list())

hintjs(session, options = list(), events = list())
```

Arguments

session	the Shiny session object (from the server function of the Shiny app)
options	List of options to be passed to intro.js
events	List of text that are the body of a Javascript function. Must wrap in I()

Note

For documentation on intro.js options and events, see https://introjs.com/docs/.

See Also

introjsUI() introBox()

Examples

```
## Not run:
library(rintrojs)
library(shiny)
ui <- shinyUI(fluidPage(
  introjsUI(), # must include in UI
  mainPanel(
    introBox(
      tableOutput("mtcars"),
      data.step = 1,
      data.intro = "This is the table"
    ),
    introBox(
      actionButton("btn","Intro"),
      data.step = 2,
      data.intro = "This is the button",
      data.hint = "Here is clue"
    )
  )))
server <- shinyServer(function(input, output, session) {

 hintjs(session, options = list("hintButtonLabel"="That was a hint"))

  output$mtcars <- renderTable({
    head(mtcars)
  })
  observeEvent(input$btn,
               introjs(session, options = list("nextLabel"="Onwards and Upwards"),
                                 events = list("oncomplete"=I('alert("It is over")'))))
})
# Run the application
shinyApp(ui = ui, server = server)

## End(Not run)
```

---

introjsUI   *Set up Shiny app to use intro.js*

Description

This function must be called from a Shiny app's UI in order to use the package.

Usage

```
introjsUI(includeOnly = FALSE, cdn = FALSE, version = "3.2.1")
```

Arguments

includeOnly   Only include intro.js files. For users who will write their own javascript

cdn	Indicate whether to include intro.js files from CDN
version	Specify intro.js version to use from cdn

Examples

```
## Not run:
library(rintrojs)
library(shiny)

shinyApp(
ui = fluidPage(
  introjsUI(), # must include in UI
  actionButton("btn", "Click me")
),
server = function(input, output, session) {
  observeEvent(input$btn, {
    intro <- data.frame(element="#btn",
                        intro="In Codd we trust")
    introjs(session, options = list(steps= intro))
  })
}
)

## End(Not run)
```

---

readCallback   *Read a JS callback function into rintrojs*

Description

Reads a JS callback function into rintrojs

Usage

```
readCallback(funname = c("switchTabs"))
```

Arguments

funname   The name of the function you want to use. Options include:

switchTabs This function is intended to be passed to IntroJs's onbeforechange
method. It will switch the currently active tab in your Shiny app to be the
one containing the next element in your tour (this function is called by In-
troJs right before it moves to the next element). Try running shiny::runApp(system.file("exampl
package = "rintrojs")) to see an example.

Value

A string containing the body of a callback function

Examples

```
## Not run:
introjs(session, events = list(onbeforechange = readCallback("switchTabs")))

## End(Not run)
```

Index