

Package ‘leaflet.opacity’

November 29, 2018

Type Package

Title Opacity Controls for Leaflet Maps

Version 0.1.0

Date 2018-11-07

Description Extends the 'leaflet' R package with the 'Leaflet.OpacityControls' JavaScript plugin. Adds controls to the leaflet map for adjusting the opacity of a layer.

BugReports <https://github.com/be-marc/leaflet.opacity>

License GPL-3

Imports htmltools, htmlwidgets

Suggests leaflet, raster, rgdal, magrittr, testthat, knitr, rmarkdown

Encoding UTF-8

LazyData true

VignetteBuilder knitr

RoxygenNote 6.1.1

NeedsCompilation no

Author Marc Becker [aut, cre] (R interface),
LizardTech [aut, cph] (Leaflet.OpacityControls JavaScript library)

Maintainer Marc Becker <marc.becker@uni-jena.de>

Repository CRAN

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addHigherOpacity *Add higher opacity control to map*

Description

Add higher opacity control to map

Usage

```
addHigherOpacity(map, layerId)
```

Arguments

map	Leaflet map
layerId	Opacity layer

Author(s)

Marc Becker

Examples

```
# Libraries
library(leaflet)
library(leaflet.opacity)
library(raster)

# Create artificial layer
r <- raster(xmn = -2.8, xmx = -2.79, ymn = 54.04, ymx = 54.05, nrows = 30, ncols = 30)
values(r) <- matrix(1:900, nrow(r), ncol(r), byrow = TRUE)
crs(r) <- CRS("+init=epsg:4326")

# Create leaflet map with higher opacity control
leaflet() %>%
  addTiles() %>%
  addRasterImage(r, layerId = "raster") %>%
  addHigherOpacity(layerId = "raster")
```

addLowerOpacity *Add lower opacity control to map*

Description

Add lower opacity control to map

Usage

```
addLowerOpacity(map, layerId)
```

Arguments

map	Leaflet map
layerId	Opacity layer

Author(s)

Marc Becker

Examples

```
# Libraries
library(leaflet)
library(leaflet.opacity)
library(raster)

# Create artificial raster
r <- raster(xmn = -2.8, xmx = -2.79, ymn = 54.04, ymx = 54.05, nrows = 30, ncols = 30)
values(r) <- matrix(1:900, nrow(r), ncol(r), byrow = TRUE)
crs(r) <- CRS("+init=epsg:4326")

# Create leaflet map with lower opacity control
leaflet() %>%
  addTiles() %>%
  addRasterImage(r, layerId = "raster") %>%
  addLowerOpacity(layerId = "raster")
```

addOpacitySlider *Add opacity slider control to map*

Description

Add opacity slider control to map

Usage

```
addOpacitySlider(map, layerId)
```

Arguments

map	Leaflet map
layerId	Opacity layer

Author(s)

Marc Becker

Examples

```
# Libraries
library(leaflet)
library(leaflet.opacity)
library(raster)

# Create artificial layer
r <- raster(xmn = -2.8, xmx = -2.79, ymn = 54.04, ymx = 54.05, nrows = 30, ncols = 30)
values(r) <- matrix(1:900, nrow(r), ncol(r), byrow = TRUE)
crs(r) <- CRS("+init=epsg:4326")

# Create leaflet map with opacity slider
leaflet() %>%
  addTiles() %>%
  addRasterImage(r, layerId = "raster") %>%
  addOpacitySlider(layerId = "raster")
```

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