

Package ‘radiant’

August 9, 2022

Type Package

Title Business Analytics using R and Shiny

Version 1.4.4

Date 2022-8-8

Description A platform-independent browser-based interface for business analytics in R, based on the shiny package. The application combines the functionality of 'radiant.data', 'radiant.design', 'radiant.basics', 'radiant.model', and 'radiant.multivariate'.

Depends R (>= 3.6.0), radiant.data (>= 1.4.4), radiant.design (>= 1.4.4), radiant.basics (>= 1.4.4), radiant.model (>= 1.4.6), radiant.multivariate (>= 1.4.4)

Imports shiny (>= 1.7.1), import (>= 1.1.0)

Suggests testthat (>= 2.0.0), knitr, rmarkdown, markdown

URL <https://github.com/radiant-rstats/radiant>

BugReports <https://github.com/radiant-rstats/radiant/issues>

License AGPL-3 | file LICENSE

Encoding UTF-8

RoxygenNote 7.1.2

VignetteBuilder knitr

NeedsCompilation no

Author Vincent Nijs [aut, cre]

Maintainer Vincent Nijs <radiant@rady.ucsd.edu>

Repository CRAN

Date/Publication 2022-08-09 02:30:02 UTC

R topics documented:

launcher	2
lin_launcher	3

mac_launcher	4
radiant	4
radiant_url	5
radiant_viewer	6
radiant_window	6
win_launcher	7
Index	8

launcher	<i>Create a launcher on the desktop for Windows (.bat), Mac (.command), or Linux (.sh)</i>
----------	--

Description

Create a launcher on the desktop for Windows (.bat), Mac (.command), or Linux (.sh)

Usage

```
launcher(
  app = c("radiant", "radiant.data", "radiant.design", "radiant.basics",
    "radiant.model", "radiant.multivariate"),
  port = 4444,
  pdir = Sys.getenv("HOME")
)
```

Arguments

app	App to run when the desktop icon is double-clicked ("analytics", "marketing", "quant", or "base"). Default is "analytics"
port	Port to use for shiny::runApp (e.g, port = 4444)
pdir	Project directory to use. Default is Sys.getenv("HOME")

Details

On Windows/Mac/Linux a file named radiant.bat/radiant.command/radiant.sh will be put on the desktop. Double-click the file to launch the specified Radiant app

See Also

[win_launcher](#) to create a shortcut on Windows
[mac_launcher](#) to create a shortcut on Mac
[lin_launcher](#) to create a shortcut on Linux

Examples

```
## Not run:
radiant::launcher("radiant.model")

## End(Not run)
```

lin_launcher

Create a launcher and updater for Linux (.sh)

Description

Create a launcher and updater for Linux (.sh)

Usage

```
lin_launcher(
  app = c("radiant", "radiant.data", "radiant.design", "radiant.basics",
    "radiant.model", "radiant.multivariate"),
  port = 4444,
  pdir = Sys.getenv("HOME")
)
```

Arguments

app	App to run when the desktop icon is double-clicked ("radiant", "radiant.data", etc.). Default is "radiant"
port	Port to use for shiny::runApp (e.g, port = 4444)
pdir	Project directory to use. Default is Sys.getenv("HOME")

Details

On Linux a file named 'radiant.sh' and one named 'update_radiant.sh' will be put on the desktop. Double-click the file to launch the specified Radiant app or update Radiant to the latest version

Examples

```
## Not run:
radiant::lin_launcher("radiant")

## End(Not run)
```

mac_launcher	<i>Create a launcher and updater for Mac (.command)</i>
--------------	---

Description

Create a launcher and updater for Mac (.command)

Usage

```
mac_launcher(
  app = c("radiant", "radiant.data", "radiant.design", "radiant.basics",
    "radiant.model", "radiant.multivariate"),
  port = 4444,
  pdir = Sys.getenv("HOME")
)
```

Arguments

app	App to run when the desktop icon is double-clicked ("radiant", "radiant.data", etc.). Default is "radiant"
port	Port to use for shiny::runApp (e.g, port = 4444)
pdir	Project directory to use. Default is Sys.getenv("HOME")

Details

On Mac a file named 'radiant.command' and one named 'update_radiant.command' will be put on the desktop. Double-click the file to launch the specified Radiant app or update Radiant to the latest version

Examples

```
## Not run:
radiant::mac_launcher()

## End(Not run)
```

radiant	<i>radiant</i>
---------	----------------

Description

Launch radiant in the default web browser

Usage

```
radiant(state, ...)
```

Arguments

state	Path to state file to load
...	additional arguments to pass to shiny::runApp (e.g, port = 8080)

Details

See <https://radiant-rstats.github.io/docs/> for documentation and tutorials

Examples

```
## Not run:  
radiant()  
radiant("https://github.com/radiant-rstats/docs/raw/gh-pages/examples/demo-dvd-rnd.state.rda")  
  
## End(Not run)
```

radiant_url	<i>Start radiant but do not open a browser</i>
-------------	--

Description

Start radiant but do not open a browser

Usage

```
radiant_url(state, ...)
```

Arguments

state	Path to statefile to load
...	additional arguments to pass to shiny::runApp (e.g, port = 8080)

Examples

```
## Not run:  
radiant_url()  
  
## End(Not run)
```

`radiant_viewer` *Launch radiant in the Rstudio viewer*

Description

Launch radiant in the Rstudio viewer

Usage

```
radiant_viewer(state, ...)
```

Arguments

<code>state</code>	Path to state file to load
<code>...</code>	additional arguments to pass to <code>shiny::runApp</code> (e.g, port = 8080)

Details

See <https://radiant-rstats.github.io/docs/> for documentation and tutorials

Examples

```
## Not run:  
radiant_viewer()  
  
## End(Not run)
```

`radiant_window` *Launch radiant in an Rstudio window*

Description

Launch radiant in an Rstudio window

Usage

```
radiant_window(state, ...)
```

Arguments

<code>state</code>	Path to state file to load
<code>...</code>	additional arguments to pass to <code>shiny::runApp</code> (e.g, port = 8080)

Details

See <https://radiant-rstats.github.io/docs/> for documentation and tutorials

Examples

```
## Not run:
radiant_window()

## End(Not run)
```

win_launcher	<i>Create a launcher and updater for Windows (.bat)</i>
--------------	---

Description

Create a launcher and updater for Windows (.bat)

Usage

```
win_launcher(
  app = c("radiant", "radiant.data", "radiant.design", "radiant.basics",
    "radiant.model", "radiant.multivariate"),
  port = 4444,
  pdir = Sys.getenv("HOME")
)
```

Arguments

app	App to run when the desktop icon is double-clicked ("radiant", "radiant.data", etc.). Default is "radiant"
port	Port to use for shiny::runApp (e.g, port = 4444)
pdir	Project directory to use. Default is Sys.getenv("HOME")

Details

On Windows a file named 'radiant.bat' and one named 'update_radiant.bat' will be put on the desktop. Double-click the file to launch the specified Radiant app or update Radiant to the latest version

Examples

```
## Not run:
radiant::win_launcher()

## End(Not run)
```

Index

launcher, [2](#)
lin_launcher, [2, 3](#)

mac_launcher, [2, 4](#)

radiant, [4](#)
radiant_url, [5](#)
radiant_viewer, [6](#)
radiant_window, [6](#)

win_launcher, [2, 7](#)