

Package ‘radiant’

July 23, 2025

Type Package

Title Business Analytics using R and Shiny

Version 1.6.6

Date 2024-5-20

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 (>= 4.3.0), radiant.data (>= 1.6.6), radiant.design (>= 1.6.6), radiant.basics (>= 1.6.6), radiant.model (>= 1.6.6), radiant.multivariate (>= 1.6.6)

Imports shiny (>= 1.8.1), import (>= 1.1.0)

Suggests testthat (>= 2.0.0), knitr, rmarkdown, markdown (>= 1.3)

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

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

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Encoding UTF-8

RoxygenNote 7.3.1

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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

<code>radiant_viewer</code>	<i>Launch radiant in the Rstudio viewer</i>
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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)
```

<code>radiant_window</code>	<i>Launch radiant in an Rstudio window</i>
-----------------------------	--

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

*Create a launcher and updater for Windows (.bat)***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)
```

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