

Package ‘radiant’

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Type Package

Title Business Analytics using R and Shiny

Version 1.4.4

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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

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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> |
|----------|--|

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)
```

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