

# Package ‘radiant’

December 17, 2023

**Type** Package

**Title** Business Analytics using R and Shiny

**Version** 1.6.1

**Date** 2023-12-16

**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 (>= 4.0.0), radiant.data (>= 1.5.1), radiant.design (>= 1.5.0), radiant.basics (>= 1.5.0), radiant.model (>= 1.5.0), radiant.multivariate (>= 1.5.0)

**Imports** shiny (>= 1.8.0), 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>

**License** AGPL-3 | file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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## 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
<b>Index</b>	<b>8</b>

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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)
```

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lin\_launcher

*Create a launcher and updater for Linux (.sh)*

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## 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)
```

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

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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)
```

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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)
```

`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)
```

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