

Package ‘reinstallr’

November 27, 2021

Type Package

Title Search and Install Missing Packages

Version 0.1.5

Author Calli Gross

Maintainer Calli Gross <calli@calligross.de>

Description Search R files for not installed packages and run install.packages.

License GPL-3

URL <https://github.com/calligross/reinstallr/>

RoxygenNote 7.1.2

Suggests testthat

Depends R (>= 3.3.0)

NeedsCompilation no

Repository CRAN

Date/Publication 2021-11-27 09:00:02 UTC

R topics documented:

find_used_packages	2
reinstallr	2
show_missing_packages	3
show_package_stats	4

Index	5
--------------	----------

find_used_packages *Find Files Where Specific Packages Are Used*

Description

Find Files Where Specific Packages Are Used

Usage

```
find_used_packages(packages, path = NULL, pattern = NULL)
```

Arguments

packages	Vector of packages to look for
path	Directory which is scanned recursively. Default is the working directory.
pattern	Regex to identify R source files. Default is <code>.*\\.(R Rnw Rhtml Rpres Rmd)\$</code>

Value

A data.frame with the files which are using the specified packages

Examples

```
## Not run:
find_used_packages('dplyr', path = '../')

## End(Not run)
```

reinstallr *reinstallr*

Description

reinstallr

Usage

```
reinstallr(path = NULL, pattern = NULL, ...)
```

Arguments

path	Directory which is scanned recursively. Default is the working directory.
pattern	Regex to identify R source files. Default is <code>.*\\.(R Rnw Rhtml Rpres Rmd)\$</code>
...	Parameters passed to <code>install.packages()</code>

Details

reinstallr() scans all R source files in the path specified by the path parameter and matching the pattern regex. reinstallr looks for library(package), require(package) and package::function

show_missing_packages *Show used but not installed packages*

Description

Show used but not installed packages

Usage

```
show_missing_packages(path = NULL, pattern = NULL, ...)
```

Arguments

path	Directory which is scanned recursively. Default is the working directory.
pattern	Regex to identify R source files. Default is <code>.*\.(R r Rnw Rhtml Rpres Rmd)\$</code>
...	Parameters passed to available.packages()

Details

show_missing_packages() searches missing packages and checks if they are available on CRAN

Value

A data.frame with missing packages

Examples

```
## Not run:  
show_missing_packages('../')  
  
## End(Not run)
```

show_package_stats *Show Used Packages*

Description

Show Used Packages

Usage

```
show_package_stats(path = NULL, pattern = NULL)
```

Arguments

path Directory which is scanned recursively. Default is the working directory.
pattern Regex to identify R source files. Default is `.*\.(R|r|Rnw|Rhtml|Rpres|Rmd)$`

Value

A aggregated data.frame

Examples

```
## Not run:  
show_package_stats('../')  
  
## End(Not run)
```

Index

`find_used_packages`, [2](#)

`reinstallr`, [2](#)

`show_missing_packages`, [3](#)

`show_package_stats`, [4](#)