

# Package ‘reinstallr’

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**Type** Package

**Title** Search and Install Missing Packages

**Version** 0.1.5

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**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

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## Contents

|                                 |          |
|---------------------------------|----------|
| find_used_packages . . . . .    | 2        |
| reinstallr . . . . .            | 2        |
| show_missing_packages . . . . . | 3        |
| show_package_stats . . . . .    | 4        |
| <b>Index</b>                    | <b>5</b> |

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|                    |                                                    |
|--------------------|----------------------------------------------------|
| find_used_packages | <i>Find Files Where Specific Packages Are Used</i> |
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**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)
```

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|            |                   |
|------------|-------------------|
| reinstallr | <i>reinstallr</i> |
|------------|-------------------|

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**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

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show\_missing\_packages *Show used but not installed packages*

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## 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 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)
```

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|                    |                           |
|--------------------|---------------------------|
| show_package_stats | <i>Show Used Packages</i> |
|--------------------|---------------------------|

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**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 <code>.*\\.(R Rnw Rhtml Rpres Rmd)\$</code> |

**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](#)