

# Package ‘reinstallr’

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**Type** Package

**Title** Search and Install Missing Packages

**Version** 0.1.4

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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/>

**LazyData** TRUE

**RoxygenNote** 5.0.1

**Suggests** testthat

**Depends** R (>= 3.3.0)

**NeedsCompilation** no

**Repository** CRAN

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find\_used\_packages      *Find Files Where Specific Packages Are Used*

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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 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 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 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)
```

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