

Package ‘requirements’

May 9, 2026

Title Helper Package to Install Packages for R

Version 0.0.3

Date 2023-02-24

Description Helper function to install packages for R using an external 'requirements.txt' or a string containing diverse packages from several resources like Github or CRAN.

License GPL-3

URL <https://github.com/joundso/requirements>

BugReports <https://github.com/joundso/requirements/issues>

Depends R (>= 4.1.0)

Imports remotes

Suggests lintr, testthat

Encoding UTF-8

Language en-US

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

Date/Publication 2023-02-24 12:40:02 UTC

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| install | <i>Install the packages provided to this function</i> |
|---------|---|

Description

Install the packages provided to this function

Usage

```
install(  
  packages = NULL,  
  path_to_requirements = NULL,  
  quiet = TRUE,  
  upgrade = "always"  
)
```

Arguments

| | |
|----------------------|--|
| packages | (Optional, String, also as vector) The actual packages to install. |
| path_to_requirements | (Optional, String) The path (including filename and type ending) to a text file containing all the packages to install. |
| quiet | If TRUE, suppress output. |
| upgrade | Should package dependencies be upgraded? One of "default", "ask", "always", or "never". "default" respects the value of the R_REMOTES_UPGRADE environment variable if set, and falls back to "ask" if unset. "ask" prompts the user for which out of date packages to upgrade. For non-interactive sessions "ask" is equivalent to "always". TRUE and FALSE are also accepted and correspond to "always" and "never" respectively. |

Value

(Boolean) 'TRUE' if all packages are successfully installed, 'FALSE' otherwise.

Examples

```
## Not run:  
## Test it with a string:  
demo_string <- "  
DIZutils  
data.table  
joundso/mainzelliste-connector  
miracum/misc-dizutils@development  
# this_one_will_be_ignored  
"  
requirements::install(packages = demo_string)
```

```
## Test it with a vector:
demo_vec <-
  c(
    "",
    "DIZutils",
    "data.table",
    "joundso/mainzelliste-connector",
    "miracum/misc-dizutils@development",
    "# this_one_will_be_ignored"
  )
requirements::install(packages = demo_vec)

## Test it with a file:
demo_path <- "./data-raw/requirements.txt"
requirements::install(path_to_requirements = demo_path)

## Test it with a string AND a file:
requirements::install(packages = demo_string,
  path_to_requirements = demo_path)

## Test it with a vector AND a file:
requirements::install(packages = demo_vec,
  path_to_requirements = demo_path)

## End(Not run)
```

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