

Package ‘requiRements’

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Title Helper Package to Install Packages for R

Version 0.0.3

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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

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install

Install the packages provided to this function

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 "ask" prompts the user for which out of date packages to upgrade.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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