Package 'requiRements'

February 24, 2023

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

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R topics documented:

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 "ask" prompts the user for which out of date packages to upgrade.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