Package: requiRements (via r-universe)

September 16, 2024

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

Repository https://joundso.r-universe.dev

RemoteUrl https://github.com/joundso/requirements

RemoteRef HEAD

RemoteSha 1181f6aa2f2fa829f789b0c1ba1981a70de33e4c

Contents

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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                  out of date packages to upgrade.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)
```

Index