Package ‘Certara.R’
February 11, 2022

Title  Easily Install Pharmacometric Packages and Shiny Applications
      Developed by Certara

Version  1.0.0

Description  A convenient set of wrapper functions to install
              pharmacometric packages and Shiny applications developed by Certara
              PMX and Integrated Drug Development (iDD). The functions ensure the
              successful installation of packages from non-standard repositories.

URL  https://github.com/certara/R-Certara

BugReports  https://github.com/certara/R-Certara/issues

Depends  R (>= 4.0)

License  LGPL-3

Encoding  UTF-8

RoxygenNote  7.1.2

Suggests  knitr, rmarkdown

Imports  batchtools (>= 0.9.9), data.table, dplyr, DT, ggplot2,
         htmltools, jsonlite, magrittr, methods, plotly, reshape,
         remotes, rlang, shiny, shinyjs, shinyWidgets, shinymaterial,
         shinyqui, sortable, ssh, utils, xml2

NeedsCompilation  no

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Repository  CRAN

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certara_packages

List all packages developed by Certara

Description
List all packages developed by Certara

Usage
certara_packages(
  include_self = FALSE,
  include_github = TRUE,
  include_JFROG_deps = FALSE
)

Arguments
include_self Logical; Set to TRUE to include Certara.R
include_github Logical; Set to TRUE to include packages only available on GitHub
include_JFROG_deps Logical; Set to TRUE to include Certara package dependencies on Jfrog

Value
Character vector of package names

Examples
certara_packages()

check_certara_package_versions
Check Certara package versions

Description
Check Certara package versions

Usage
check_certara_package_versions(pkgs)

Arguments
pkgs Character or character vector of package names. If missing, defaults to certara_packages()
**check_installed_certara_packages**

*Check if Certara packages are installed*

**Value**

Named character vector indicating package version, `NA` is returned if Certara package is not installed

**Examples**

```r
## Not run:
check_certara_package_versions()

## End(Not run)
```

check_installed_certara_packages

Check if Certara packages are installed

**Usage**

`check_installed_certara_packages(pkgs)`

**Arguments**

- `pkgs` Character or character vector of package names. If missing, defaults to `certara_packages()`

**Value**

Named logical vector indicating whether Certara package is installed

**Examples**

```r
## Not run:
check_installed_certara_packages()

## End(Not run)
```
install_certara_packages

Install Certara packages

Description

A user friendly wrapper to easily install R packages and Shiny applications developed by Certara

Usage

install_certara_packages(
  CRAN_repo = "https://cloud.r-project.org",
  clean_install = FALSE,
  quiet = FALSE
)

Arguments

CRAN_repo Character; The URL of a CRAN mirror which defaults to "https://cloud.r-project.org"

clean_install Logical; Set to TRUE to remove all existing Certara packages prior to installing

quiet Logical; Set to TRUE to suppress installation messages and reduce console output

Value

TRUE if all packages successfully install

Examples

## Not run:
install_certara_packages()

## End(Not run)

remove_certara_packages

Remove Certara packages

Description

A user friendly wrapper to easily remove R packages developed by Certara

Usage

remove_certara_packages()
remove_certara_packages

Value

TRUE if all packages successfully removed

Examples

## Not run:
remove_certara_packages()

## End(Not run)
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