Package 'Certara.R'

December 14, 2023

Title Easily Install Pharmacometric Packages and Shiny Applications Developed by Certara

Version 1.1.0

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 7.2.3

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, shinyjqui, sortable, ssh, utils, xml2

NeedsCompilation no

Author James Craig [aut, cre],
Certara USA, Inc. [cph, fnd]

Maintainer James Craig <james.craig@certara.com>

Repository CRAN

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R topics documented:

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()

Value

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

Examples

```
## Not run:
check_certara_package_versions()

## End(Not run)
```

```
check_installed_certara_packages
```
Check if Certara packages are installed

Description

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

```
## 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()
```

Value

TRUE if all packages successfully removed

Examples

```
## Not run:
remove_certara_packages()

## End(Not run)
```

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