

Package ‘Certara.R’

July 21, 2025

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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certara_packages	<i>List all packages developed by Certara</i>
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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	<i>Check Certara package versions</i>
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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

<code>CRAN_repo</code>	Character; The URL of a CRAN mirror which defaults to "https://cloud.r-project.org"
<code>clean_install</code>	Logical; Set to TRUE to remove all existing Certara packages prior to installing
<code>quiet</code>	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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