

# Package: Certara.R (via r-universe)

September 14, 2024

**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

**LazyData** true

**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

**Repository** <https://certara.r-universe.dev>

**RemoteUrl** <https://github.com/certara/r-certara>

**RemoteRef** HEAD

**RemoteSha** 235b9539a22ee8734d4ef4f5946abf7c3a0ad56c

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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()

**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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