Package ‘batata’

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**Type**  Package

**Title**  Managing Packages Removal and Installation

**Version**  0.2.1

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**Description**  Allows the user to manage easily R packages removal and installation. It offers many functions to display installed packages according to specific dates and removes them if needed. The user is always prompted when running the removal functions in order to confirm the required action. It also provides functions that will install ‘Github’ starred R packages whether available on ‘CRAN’ or not.

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**Encoding**  UTF-8

**LazyData**  true

**Imports**  fs, utils, glue, lubridate, jsonlite, remotes, purrr

**RoxygenNote**  7.1.1

**URL**  https://github.com/feddelegrand7/batata

**BugReports**  https://github.com/feddelegrand7/batata/issues

**Suggests**  knitr, rmarkdown, testthat, covr

**VignetteBuilder**  knitr

**NeedsCompilation**  no

**Repository**  CRAN

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display_most_starred

Description

Display the most starred R Github Repositories

Usage

display_most_starred(n = 10)

Arguments

n the number of most starred Github R repositories to fetch. Defaults to 10.

Value

a character vector of the most starred R repositories

display_starred

Description

Display User’s Github Starred Repositories

Usage

display_starred(github_user, n = 5, onlyR = FALSE)
### Arguments

- `github_user` the Github user name to look for
- `n` the number of the last starred repositories. Defaults to 5 in which case it will return the last 5 starred repositories. Note that if the `onlyR` parameter is set to TRUE, you might get a lower number of starred repos due to filtering R from all the other languages.
- `onlyR` Logical, whether to fetch only R repositories, Default to FALSE

### Value

A character vector of starred Github repositories

---

### Description

Remove all the installed R packages from a specified library

### Usage

```r
fresh_start(lib = .libPaths())
```

### Arguments

- `lib` a character vector giving the library directories. Defaults to the first element in `.libPaths()`

### Value

called for the side effect of removing all installed packages

### Examples

```r
## Not run:

# DANGER: THE FUNCTION REMOVES ALL THE PACKAGES

fresh_start()

## End(Not run)
```
install_most_starred  

*Install the most starred CRAN packages*

**Description**

Install the most starred CRAN packages

**Usage**

```r
install_most_starred(n = 10)
```

**Arguments**

- `n`  
  the most starred starred CRAN packages. Defaults to 10. in this case the function will look at the 10 most starred R repo and install them if available on CRAN.

**Value**

called for the side effect of installing most starred CRAN packages

---

install_starred_cran  

*Install Github Starred CRAN Packages*

**Description**

installs the Github starred packages from CRAN

**Usage**

```r
install_starred_cran(github_user, n = 5)
```

**Arguments**

- `github_user`  
  the Github user name to look for

- `n`  
  the last `n` starred repositories. Defaults to 5, in which case it will look for the last 5 starred repositories, filter the R repos and install them

**Value**

called for the side effect of installing the Github starred packages that are available on CRAN
install_starred_github

Install Github Starred Packages from Github

Description

installs the Github starred repositories from Github and not from CRAN.

Usage

install_starred_github(github_user, n = 5, upgrade = "never")

Arguments

github_user the Github user name to look for
n the last 'n' starred repositories. Defaults to 5, in which case it will look for the last 5 starred repositories, filter the R repos and install them
upgrade whether to upgrade out of date packages. You can choose from 'always' or 'never'. Defaults to 'never'. For more info, see <install_github()> from the 'remote' package.

Value
called for the side effect of installing the Github starred repositories

latest_packages

Displaying the latest installed R packages

Description

Displaying the latest installed R packages

Usage

latest_packages(n = 1, lib = .libPaths())

Arguments

n the number of the last installed packages to display. Default to n = 1, will return the last installed package
lib a character vector giving the library directories. Defaults to the first element in .libPaths()

Value

da data frame
Examples

```r
## Not run:

# Displaying the last 10 installed packages
latest_packages(10)

## End(Not run)
```

---

```r
test rm_latest_packages
```

### Description

Remove the n latest installed R packages

### Usage

```r
rm_latest_packages(n = 1, lib = .libPaths())
```

### Arguments

- `n`: the last number of installed packages to remove. Default to 1 for the last installed package
- `lib`: a character vector giving the library directories. Defaults to the first element in .libPaths()

### Value

called for the side effect of removing the n latest installed packages

### Examples

```r
## Not run:

# Removing the last 10 installed packages
rm_latest_packages(n = 10)

## End(Not run)
```
Description

removes installed packages according to a specific date

Usage

rm_since_packages(date, position, lib = .libPaths())

Arguments

date
position
lib

date the date of interest in yyyy-mm-dd format
position takes three arguments "at", "before" or "after". "at" displays the packages installed at the chosen date, "before" before that date and "after" after that date
lib a character vector giving the library directories. Defaults to the first element in .libPaths()

Value

a character vector

Examples

## Not run:
# Displaying the packages installed today
today_packages()

## End(Not run)

Description

Remove the packages installed in the current day

Usage

rm_today_packages(lib = .libPaths())

Arguments

lib a character vector giving the library directories. Defaults to the first element in .libPaths()
Value
called for the side effect of removing the today installed packages

Examples

## Not run:
# Removing the packages installed today
rm_today_packages()
## End(Not run)

---

rm_yesterday_packages  Remove the packages installed yesterday

Description
Remove the packages installed yesterday

Usage

rm_yesterday_packages(lib = .libPaths())

Arguments

lib a character vector giving the library directories. Defaults to the first element in
.libPaths()

Value
called for the side effect of removing the yesterday installed packages

Examples

## Not run:
# Removing the packages installed yesterday
rm_yesterday_packages()
## End(Not run)
since_packages

Displays installed packages according to a specific date

Description
Displays installed packages according to a specific date

Usage
since_packages(date, position, lib = .libPaths())

Arguments
- **date**: the date of interest in yyyy-mm-dd format
- **position**: takes three arguments "at", "before" or "after". "at" displays the packages installed at the chosen date, "before" before that date and "after" after that date
- **lib**: a character vector giving the library directories. Defaults to the first element in .libPaths()

Value
a character vector

Examples
```
## Not run:
# Displaying the packages installed today
since_packages(date = Sys.Date(), position = "at")
```

today_packages
Displays the packages installed in the current day

Description
Displays the packages installed in the current day

Usage
today_packages(lib = .libPaths())

Arguments
- **lib**: a character vector giving the library directories. Defaults to the first element in .libPaths()
Value

a character vector

Examples

```r
## Not run:
# Displaying the packages installed today
today_packages()

## End(Not run)
```

Description

Displays the packages installed yesterday

Usage

```r
yesterday_packages(lib = .libPaths())
```

Arguments

- `lib` a character vector giving the library directories. Defaults to the first element in `.libPaths()`

Value

a character vector

Examples

```r
## Not run:
# Displaying the packages installed yesterday
yesterday_packages()

## End(Not run)
```
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