Package 'anyLib'

July 22, 2025

Type Package

Title Install and Load Any Package from CRAN, Bioconductor or Github

Version 1.0.5

Description Made to make your life simpler with packages, by installing and loading a list of packages, whether they are on CRAN, Bioconductor or github. For github, if you do not have the full path, with the maintainer name in it (e.g. ``achateigner/topReviGO''), it will be able to load it but not to install it.

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Encoding UTF-8

LazyData true

RoxygenNote 6.1.0

Imports devtools, withr, BiocManager, httr, curl

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

Date/Publication 2018-11-05 15:00:03 UTC

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anyLib *Install and load any library*

Description

Made to make your life simpler with packages/libraries, by installing and loading a list of packages, whether they are on CRAN, Bioconductor or github. For github, if you do not have the full path, with the maintainer name in it (e.g. "achateigner/topReviGO"), it will not be able to install it. However, once installed you only need the name of the package. For more details see the help vignette: `vignette("help", package = "anyLib")`

Usage

```
anyLib(pkg, force = FALSE, autoUpdate = TRUE, lib = .libPaths()[1],
  loadLib = .libPaths(), source = FALSE)
```

Arguments

pkg	The package name or the list containing the packages names.
force	To force reinstallation of packages.
autoUpdate	To select whether Bioconductor packages auto update or not.
lib	Where to install the packages
loadLib	From where the packages are loaded
source	The package to install is a local source file, on the user disk.

Details

The source option can be a single TRUE or FALSE, or a vector of TRUE and FALSE corresponding to the vector/list of packages. E.g. if source == c(TRUE, FALSE), the first package will be considered as a source file. The file has to be a tar.gz source file, not a binary.

Value

A named vector of booleans showing if the package is loaded properly

Examples

```
# Install and load 1 package from a local source file, which name is in an object:
lib <- normalizePath(tempdir(), "/")
listOfPackages <- system.file("dummyPackage_0.1.0.tar.gz", package="anyLib")
anyLib(listOfPackages, force = TRUE, autoUpdate = FALSE, lib = lib,
loadLib = lib, source = TRUE)
```

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