Package: install.load (via r-universe)

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Title Check, Install and Load CRAN Packages

Version 1.2.5

Author maloneypatr [aut, cre], Irucka Embry [aut, ctb]

Maintainer Irucka Embry <iembry@ecoccs.com>

Depends R (>= 2.14.1)

Imports utils, fastmatch, checkmate, assertthat

Suggests tinytest, spelling

Description The function 'install_load' checks the local R
library(ies) to see if the required package(s) is/are installed
or not. If the package(s) is/are not installed, then the
package(s) will be installed along with the required
dependency(ies). This function pulls source or binary packages
from the Posit/RStudio-sponsored CRAN mirror. Lastly, the
chosen package(s) is/are loaded. The function 'load_package'
simply loads the provided package(s). If this package does not
fit your needs, then you may want to consider these other R
packages: 'needs', 'easypackages', 'pacman', 'pak', 'anyLib',
and/or 'librarian'.

URL https://gitlab.com/iembry/install.load

BugReports https://gitlab.com/iembry/install.load/-/issues

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Language en-US

Encoding UTF-8

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Repository https://iembry.r-universe.dev

RemoteUrl https://gitlab.com/iembry/install.load

RemoteRef HEAD

RemoteSha fc947f060e098252a577bed0a307c617320b2431

Contents

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install_load   *Check, Install and Load CRAN Packages*

Description

Checks the local R library(ies) to see if the required package(s) is/are installed or not. If the package(s) is/are not installed, then the package(s) will be installed along with the required dependency(ies). This function pulls source or binary packages from the 0-Cloud CRAN Repository. Lastly, the chosen package(s) is/are loaded.

Usage

```
install_load(package1, ...)
```

Arguments

package1   R package.

...   Any additional R packages.

Value

Install and load package1 and other packages listed in the arguments ... and all of the dependencies.

Author(s)

maloneypatr, Irucka Embry

Source

1. Check if R package is installed then load library answered by maloneypatr is the source for the original function. See https://stackoverflow.com/questions/15155814/check-if-r-package-is-installed-

2. Error Handling in R By Nina Zumel, October 9, 2012, Win Vector LLC. See https://win-vector.com/2012/10/09/error-handling-in-r/.

See Also

load_package to only load packages, installed.packages, install.packages

Examples

```
## Not run:
library("install.load")
# This will install, if not already installed, and load the package(s)
install_load("chron")
install_load("chron", "data.table", "dataRetrieval", "EGRET", "dplyr")

## End(Not run)
```

---

load_package   *Load Packages*

Description

Loads the listed packages only

Usage

```
load_package(package1, ...)
```

Arguments

package1	R package.
...	Any additional R packages.

Value

Load package1 and other packages listed in the arguments . . . .

Author(s)

maloneypatr, Irucka Embry

Source

1. Check if R package is installed then load library answered by maloneypatr is the source for the original function. See https://stackoverflow.com/questions/15155814/check-if-r-package-is-installed-

2. Error Handling in R By Nina Zumel, October 9, 2012, Win Vector LLC. See https://win-vector.com/2012/10/09/error-handling-in-r/.

See Also

install_load if you are wanting to install and load packages

Examples

```
## Not run:
library("install.load")
# This will only load the package(s)
load_package("chron")

load_package("chron", "data.table", "dataRetrieval", "EGRET", "dplyr")

## End(Not run)
```

Index