

Package ‘install.load’

May 8, 2026

Title Check, Install and Load CRAN Packages

Version 1.2.5

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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

RoxygenNote 7.2.3

NeedsCompilation no

Repository CRAN

Date/Publication 2023-08-21 07:42:36 UTC

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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	<i>Load Packages</i>
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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)
```

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