

# Package ‘install.load’

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**Title** Check, Install and Load CRAN & USGS GRAN Packages

**Version** 1.2.1

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**Depends** R (>= 2.14.1)

**Imports** utils

**Suggests** needs, easypackages, pacman

**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 Rstudio-sponsored CRAN mirror and/or the USGS GRAN Repository. Lastly, the chosen package(s) is/are loaded. The function `load\_package` simply loads the provided packages.

**URL** <https://gitlab.com/iembry/install.load>

**BugReports** <https://gitlab.com/iembry/install.load/issues>

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**LazyData** true

**Encoding** UTF-8

**RoxygenNote** 5.0.1

**NeedsCompilation** no

**Repository** CRAN

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install_load	<i>Check, Install and Load CRAN &amp; USGS GRAN Packages</i>
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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 Revolution Analytics CRAN mirror and/or the USGS GRAN 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**

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

**See Also**

[load\\_package](#) to only load packages, [needs](#), [install\\_packages](#), [p\\_load](#), [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)
```

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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 <http://stackoverflow.com/questions/15155814/check-if-r-package-is-installed-t>
2. Error Handling in R By Nina Zumel, October 9, 2012, R-Bloggers. See <http://www.r-bloggers.com/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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