

# Package ‘cranlogs’

July 22, 2025

**Title** Download Logs from the 'RStudio' 'CRAN' Mirror

**Version** 2.1.1

**Description** 'API' to the database of 'CRAN' package downloads from the 'RStudio' 'CRAN mirror'. The database itself is at <<http://cranlogs.r-pkg.org>>, see <<https://github.com/r-hub/cranlogs.app>> for the raw 'API'.

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**URL** <https://github.com/r-hub/cranlogs>,  
<https://r-hub.github.io/cranlogs>

**BugReports** <https://github.com/r-hub/cranlogs/issues>

**Imports** httr, jsonlite

**Encoding** UTF-8

**RoxygenNote** 6.1.1

**Suggests** testthat

**NeedsCompilation** no

**Author** Gábor Csárdi [aut, cre],  
R Consortium [fnd]

**Maintainer** Gábor Csárdi <[csardi.gabor@gmail.com](mailto:csardi.gabor@gmail.com)>

**Repository** CRAN

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|----------------|--------------------------------------------------|
| cranlogs_badge | <i>Create Markdown code for a cranlogs badge</i> |
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### Description

Create Markdown code for a cranlogs badge

### Usage

```
cranlogs_badge(package_name, summary = c("last-month", "last-day",
    "last-week", "grand-total"), color = "blue")
```

### Arguments

|              |                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------|
| package_name | name of the package                                                                                                      |
| summary      | One of "last-day", "last-week", "last-month", "grand-total".                                                             |
| color        | Either a hex color code or one of "brightgreen", "green", "yellowgreen", "yellow", "orange", "red", "lightgrey", "blue". |

### Value

The string to be copy-pasted to the README source.

### Examples

```
cranlogs_badge("praise")
cranlogs_badge("praise", summary = "grand-total")
cranlogs_badge("praise", summary = "last-week", color = "orange")
cranlogs_badge("praise", color = "ff8c69")
```

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|                |                                                             |
|----------------|-------------------------------------------------------------|
| cran_downloads | <i>Daily package downloads from the RStudio CRAN mirror</i> |
|----------------|-------------------------------------------------------------|

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### Description

Daily package downloads from the RStudio CRAN mirror

### Usage

```
cran_downloads(packages = NULL, when = c("last-day", "last-week",
    "last-month"), from = "last-day", to = "last-day")
```

**Arguments**

|          |                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| packages | A character vector, the packages to query, or NULL for a sum of downloads for all packages. Alternatively, it can also be "R", to query downloads of R itself. "R" cannot be mixed with packages. |
| when     | last-day, last-week or last-month (see details). If this is given, then from and to are ignored.                                                                                                  |
| from     | Start date, in yyyy-mm-dd format, or last-day. It is ignored if when is given.                                                                                                                    |
| to       | End date, in yyyy-mm-dd format, or last-day. It is ignored if when is given.                                                                                                                      |

**Details**

last-day is the last day for which data is available, last-week is from 6 days prior to that last day with data, last-month is from 29 days prior to that last day with data.

0 counts can be due to the non-availability of data on the RStudio server for that day.

**Value**

For packages a data frame with columns:

|         |                                                                   |
|---------|-------------------------------------------------------------------|
| package | The package. This column is missing if all packages were queried. |
| date    | Day of the downloads, it is a Date object.                        |
| count   | Download count.                                                   |

For downloads of R, there are also columns for the operating system (os) and the R version (version).

**See Also**

Other CRAN downloads: [cran\\_top\\_downloads](#)

**Examples**

```
## Not run:
## Default is last day for which data is available.
cran_downloads()

## All downloads for 'dplyr' in the last day for which data is available.
cran_downloads(packages = "dplyr")

## Daily downloads for 'igraph' last week
## (6 days prior to the last day for which data is available)
cran_downloads(packages = "igraph", when = "last-week")

## Downloads in the specified time interval
cran_downloads(from = "2014-06-30", to = "2014-08-08")

## Multiple packages
cran_downloads(packages = c("ggplot2", "plyr", "dplyr"))
```

```
## R downloads
cran_downloads("R")

## End(Not run)
```

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|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| cran_top_downloads | <i>Top downloaded packages from the RStudio CRAN mirror</i> |
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## Description

Top downloaded packages from the RStudio CRAN mirror

## Usage

```
cran_top_downloads(when = c("last-day", "last-week", "last-month"),
  count = 10)
```

## Arguments

|       |                                                                                                                              |
|-------|------------------------------------------------------------------------------------------------------------------------------|
| when  | last-day, last-week or last-month (see details).                                                                             |
| count | Number of packages to list. Note that the DB server lists only at most 100 packages. This number might change in the future. |

## Details

last-day is the last day for which data is available, last-week is from 6 days prior to that last day with data, last-month is from 29 days prior to that last day with data.

0 counts can be due to the non-availability of data on the RStudio server for that day.

## Value

A data frame with columns: rank, package, count, from, to.

## See Also

Other CRAN downloads: [cran\\_downloads](#)

## Examples

```
## Not run:
## Default is last day for which data is available.
cran_top_downloads()

## Last week (6 days prior to the last day for which data is available)
## instead
cran_top_downloads(when = "last-week")

## End(Not run)
```

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