

Package ‘cranlogs’

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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>

Repository CRAN

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cranlogs_badge *Create Markdown code for a cranlogs badge*

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")
```

cran_downloads *Daily package downloads from the RStudio CRAN mirror*

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)
```

cran_top_downloads *Top downloaded packages from the RStudio CRAN mirror*

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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