Package: cranlogs (via r-universe)

July 6, 2024

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

Version 2.1.1.9000

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

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

RemoteUrl https://github.com/r-hub/cranlogs

RemoteRef HEAD

RemoteSha c02280c7b4c6d77ff5500f80e15118edad5d94dc

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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")
```

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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)
```

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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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