

Package: adjustedcranlogs (via r-universe)

August 31, 2024

Type Package

Title Remove Automated and Repeated Downloads from 'RStudio' 'CRAN'
Download Logs

Version 0.2.0

Date 2017-11-22

Description Adjusts output of 'cranlogs' package to account for
'CRAN'-wide daily automated downloads and re-downloads caused
by package updates.

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Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Imports cranlogs, xml2, lubridate, dplyr, rvest

Depends R (>= 2.10)

URL <https://github.com/tylermorganwall/adjustedcranlogs>

BugReports <https://github.com/tylermorganwall/adjustedcranlogs/issues>

Repository <https://tylermorganwall.r-universe.dev>

RemoteUrl <https://github.com/tylermorganwall/adjustedcranlogs>

RemoteRef HEAD

RemoteSha 324cf891530564db95a9f52f834abbf5be6f8078

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adj_cran_downloads *Adjusted Cran Downloads*

Description

Removes daily shared downloads amongst CRAN packages and re-download/CRAN mirror spikes associated with package updates. The function samples a number of packages from the CRAN and finds the minimum

Usage

```
adj_cran_downloads(  
  packages,  
  when,  
  from,  
  to,  
  remove_update_spikes = TRUE,  
  number_to_compare = 100,  
  value_quantile = NULL  
)
```

Arguments

packages	A character vector, the packages to query.
when	last-day, last-week or last-month. 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.
remove_update_spikes	Default 'TRUE'. Removes the spike in downloads due to automatic re-downloads and CRAN mirrors associated with a package update. This replaces the number of downloads on an update day and the day following with the median download value across the measurement period. You can set this to 'FALSE' if you do not see spikes in downloads on days before or after you update to accurately capture downloads during those days.
number_to_compare	Default '100'. The number of random packages to inspect to determine the minimum number of downloads in any single day.
value_quantile	Default 'NULL'. By default, the function uses the minimum number of downloads. Setting a number here (between 0 and 1) instead returns the nth lowest number of downloads, where n = 'value_quantile' * 'number_to_compare'.

Value

A data frame of downloads and total downloads by package.

<code>date</code>	Day of the downloads, it is a Date object.
<code>package</code>	The package. This column is missing if all packages were queried.
<code>count</code>	Raw download count.
<code>total_downloads</code>	Raw total number of downloads from beginning of measurement period.
<code>mindownloads</code>	Estimated CRAN-wide automated downloads for that day.
<code>updateday</code>	TRUE if the package was updated that day, FALSE otherwise.
<code>adjusted_downloads</code>	Daily download count, adjusted.
<code>adjusted_total_downloads</code>	Adjusted total number of downloads from beginning of measurement period.

Examples

```
## Not run: adj_cran_downloads("skpr", from="2017-08-15", to="2017-11-15")
adj_cran_downloads("skpr", when="last-month")
adj_cran_downloads(c("skpr", "AlgDesign"), when="last-month")
## End(Not run)
```

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