Package 'adjustedcranlogs'

October 12, 2022

Type Package

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

Version 0.1.0

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.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports cranlogs, xml2, lubridate, dplyr, rvest

Depends R (>= 2.10)

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

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

NeedsCompilation no

Author Tyler Morgan-Wall [aut, cre]

Maintainer Tyler Morgan-Wall <tylermw@gmail.com>

Repository CRAN

Date/Publication 2017-11-23 12:35:35 UTC

R topics documented:

---

adj_cran_downloads   *Adjusted Cran Downloads*

Description

Removes daily shared downloads amongst CRAN packages and re-download/CRAN mirror spikes associated with package updates.

Usage

```
adj_cran_downloads(packages, when, from, to, removeupdatespikes = TRUE,
  numbercomparison = 100, packagequantile = 0.05)
```

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.
removeupdatespikes	
	Default TRUE. Removes the spike in downloads due to automatic re-downloads and CRAN mirrors associated with a package update. Replaces value with the median download value across the measurement period.
numbercomparison	
	Default 100. The number of random packages to inspect to determine the minimum number of downloads in any single day.
packagequantile	
	Default 0.05. The quantile defining the "minimum" number of downloads on a single day.

Value

A data frame of downloads and total downloads by package.

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

Index