

Package ‘dlstats’

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Title Download Stats of R Packages

Version 0.1.7

Maintainer Guangchuang Yu <guangchuangyu@gmail.com>

Description Monthly download stats of 'CRAN' and 'Bioconductor' packages.

Download stats of 'CRAN' packages is from the 'RStudio' 'CRAN mirror', see <<https://cranlogs.r-pkg.org:443>>.

'Bioconductor' package download stats is at <<https://bioconductor.org/packages/stats/>>.

Depends R (>= 3.3.0)

Imports ggplot2, jsonlite, magrittr, RColorBrewer, scales, utils

Suggests knitr, tidyr, DT, rmarkdown, prettydoc

License Artistic-2.0

VignetteBuilder knitr

ByteCompile true

Encoding UTF-8

URL <https://github.com/GuangchuangYu/dlstats>

BugReports <https://github.com/GuangchuangYu/dlstats/issues>

RoxygenNote 7.2.3

NeedsCompilation no

Author Guangchuang Yu [aut, cre]

Repository CRAN

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biocApp	<i>biocApp</i>
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Description

run shiny App for BioC packages

Usage

```
biocApp()
```

Author(s)

Guangchuang Yu

bioc_stats	<i>bioc_stats</i>
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Description

monthly download stats of Bioconductor package(s)

Usage

```
bioc_stats(packages, use_cache = TRUE, type = "Software")
```

Arguments

packages	packages
use_cache	logical, should cached data be used? Default: TRUE. If set to FALSE, it will re-query download stats and update cache.
type	one of "Software", "AnnotationData", "ExperimentData", and "Workflow"

Value

data.frame

Author(s)

Guangchuang Yu

Examples

```
## Not run:
library("dlstats")
pkgs <- c("ChIPseeker", "clusterProfiler", "DOSE", "ggtree", "GOsemSim", "ReactomePA")
y <- bioc_stats(pkgs, use_cache=TRUE)
head(y)

## End(Not run)
```

cranApp	<i>cranApp</i>
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Description

run shiny App for CRAN packages

Usage

```
cranApp()
```

Author(s)

Guangchuang Yu

cran_stats	<i>cran_stats</i>
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Description

monthly download stats of cran package(s)

Usage

```
cran_stats(packages, use_cache = TRUE)
```

Arguments

packages	packages
use_cache	logical, should cached data be used? Default: TRUE. If set to FALSE, it will re-query download stats and update cache.

Value

data.frame

Author(s)

Guangchuang Yu

Examples

```
## Not run:  
library("dlstats")  
x <- cran_stats(c("dlstats", "emojifont", "rvcheck"), use_cache=TRUE)  
head(x)  
  
## End(Not run)
```

`plot_bioc_stats` *plot_bioc_stats*

Description

plot bioconductor download stats

Usage

```
plot_bioc_stats(pkg = YGC_bioc_pkg)
```

Arguments

`pkg` packages

Value

ggplot object

Author(s)

guangchuang yu

plot_cran_stats *plot_cran_stats*

Description

plot cran download stats

Usage

`plot_cran_stats(pkg = YGC_cran_pkg)`

Arguments

`pkg` packages

Value

ggplot object

Author(s)

guangchuang yu

set_cran_start_year *set_cran_start_year*

Description

set query start year for 'cran_stats'

Usage

`set_cran_start_year(year)`

Arguments

`year` start year

Author(s)

Guangchuang Yu

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