

# Package ‘dlstats’

December 9, 2022

**Title** Download Stats of R Packages

**Version** 0.1.6

**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** 7.2.2

**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

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bioc_stats	<i>bioc_stats</i>
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**Description**

monthly download stats of cran package(s)

**Usage**

```
bioc_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")
pkgs <- c("ChIPseeker", "clusterProfiler", "DOSE", "ggtree", "GOsemSim", "ReactomePA")
y <- bioc_stats(pkgs, use_cache=TRUE)
head(y)

## End(Not run)
```

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cranApp	<i>cranApp</i>
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**Description**

run shiny App for CRAN packages

**Usage**

```
cranApp()
```

**Author(s)**

Guangchuang Yu

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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)
```

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`plot_bioc_stats`      *plot\_bioc\_stats*

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**Description**

plot bioconductor download stats

**Usage**

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

**Arguments**

`pkg`                      packages

**Value**

ggplot object

**Author(s)**

guangchuang yu

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*plot\_cran\_stats*      *plot\_cran\_stats*

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**Description**

plot cran download stats

**Usage**

`plot_cran_stats(pkg = YGC_cran_pkg)`

**Arguments**

`pkg`                      packages

**Value**

ggplot object

**Author(s)**

guangchuang yu

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*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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