

Package: repometrics (via r-universe)

November 21, 2024

Title Metrics for Your Code Repository

Version 0.1.1.068

Description Metrics for your code repository. Call one function to generate an interactive dashboard displaying the state of your code.

License GPL-3

URL <https://docs.ropensci.org/repometrics/>,
<https://github.com/ropensci-review-tools/repometrics>

BugReports <https://github.com/ropensci-review-tools/repometrics/issues>

Imports checkmate, cli, dplyr, fs, gert, gh, git2r, httr2, memoise, pbapply, pkgstats

Suggests brio, httptest2, lubridate, quarto, testthat (>= 3.0.0), tidyr, withr

Remotes ropensci-review-tools/pkgstats

Config/testthat/edition 3

Encoding UTF-8

Language en-GB

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Config/pak/sysreqs git libglpk-dev make libgit2-dev libxml2-dev libssl-dev libx11-dev

Repository <https://ropensci-review-tools.r-universe.dev>

RemoteUrl <https://github.com/ropensci-review-tools/repometrics>

RemoteRef HEAD

RemoteSha 3c2b739a6fcc01c1738f824db23489cfe1c222dd

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ghist_dashboard	<i>Start quarto dashboard with results of main githist function.</i>
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Description

Start quarto dashboard with results of main [githist](#) function.

Usage

```
ghist_dashboard(results, action = "preview")
```

Arguments

results	Results of main githist function applied to one package.
action	One of "preview", to start and open a live preview of the dashboard website, or "render" to render a static version without previewing or opening.

Value

(Invisibly) Path to main "index.html" document of quarto site. Note that the site must be served with action = "preview", and will not work by simply opening this "index.html" file.

githist	<i>Apply pkgstats across the git history of a package</i>
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Description

Apply **pkgstats** across the git history of a package

Usage

```
githist(path, n = NULL, step_days = 1L, num_cores = -1L)
```

Arguments

path	Path to local repository containing an R package.
n	If given, only analyses the preceding 'n' commits in the git history.
step_days	Analyse package at intervals of this number of days. The last commit for each day is chosen. For example, step_days = 7L will return weekly statistics. Values of zero or less will analyse all commits, including potentially multiple daily commits.
num_cores	Number of cores to use in multi-core processing. Has no effect on Windows operating systems, on which calculations are always single-core only. Negative values are subtracted from number of available cores, determined as <code>parallel::detectCores()</code> , so default of num_cores = -1L uses <code>detectCores() - 1L</code> . Positive values use precisely that number, restricted to maximum available cores, and a value of zero will use all available cores.

Value

A list of three items:

- `desc_data` Containing data from DESCRIPTION files, along with data on numbers of functions.
- `loc` Containing data on "lines-of-code" for all languages and sub-directories within package.
- `stats` Containing statistics on (mean, medium, and sum) of various properties of each function in package.

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