

Package: orgmetrics (via r-universe)

May 25, 2026

Title Metrics for Your GitHub Organization

Version 0.1.2.216

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

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

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

Depends R (>= 4.1)

Imports checkmate, cli, dplyr, fs, gert, git2r, httr2, memoise, pbapply, repometrics

Suggests airtabler, bsicons, bslib, desc, htmltools, httptest2, jsonlite, parallel, pkgmatch, quarto, rprojroot, testthat (>= 3.0.0), tidyr, visNetwork, withr, yaml, zoo

Remotes One-Health-Research-Consulting/airtabler, ropensci-review-tools/pkgmatch, ropensci-review-tools/repometrics

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Config/pak/sysreqs cmake git libglpk-dev make libgit2-dev libicu-dev libssh2-1-dev libuv1-dev libxml2-dev libssl-dev libx11-dev

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

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|--------------------|--|
| clone_gh_org_repos | <i>Clone or update all repositories defined in 'packages.json'</i> |
|--------------------|--|

Description

Clone or update all repositories defined in 'packages.json'

Usage

```
clone_gh_org_repos(pkgs_json = NULL, pkgs_dir = NULL)
```

Arguments

| | |
|-----------|--|
| pkgs_json | Local path to 'packages.json' as created or updated by running om_packages_json . That function must be run first, prior to calling this function! |
| pkgs_dir | Defaults to cloning repositories in the root directory of 'packages.json'. A specific path may be specified here to clone elsewhere. |

Value

Function primarily called for side-effect of clone or updating all repositories defined in 'packages.json', but does invisibly return a vector of paths to all local repositories of R packages as listed in pkgs_json.

| | |
|------------------|--|
| om_packages_json | <i>Collate and write the 'package.json' file for org</i> |
|------------------|--|

Description

Collate and write the 'package.json' file for org

Usage

```
om_packages_json(org_path = NULL)
```

Arguments

`org_path` Path to root directory of organization repositories. Should contain sub-directories for different GitHub organizations. These sub-directories may be initially empty, and will be populated by the (currently interanl) function, `clone_gh_org_repos()`.

Value

Path to 'packages.json' file containing data on all repositories within organization(s).

`orgmetrics_dashboard` *Start quarto dashboard with results of orgmetrics_collate_org_data function for collation of data across orgs.*

Description

Start quarto dashboard with results of `orgmetrics_collate_org_data` function for collation of data across orgs.

Usage

```
orgmetrics_dashboard(
  data_org,
  fn_calls,
  similarities,
  title = NULL,
  action = "preview"
)
```

Arguments

`data_org` Data on GitHub organization as returned from `orgmetrics_collate_org_data` function.

`fn_calls` Data on function calls between packages of the specified organization, as returned from the `rm_org_data_fn_call_network()` function.

`similarities` List of 'BM25' similarities between packages generated by the 'pkgmatch' package

`title` If not NULL (default), a string specifying the organizational title for the dashboard.

`action` One of "preview", to start and open a live preview of the dashboard website, "render" to render a static version without previewing or opening, or NULL to set up the quarto structure in the current temporary directory without doing anything. This option is useful to generate the dashboard structure so that it can be moved to a non-temporary location, and deployed or previewed from there.

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.

orgmetrics_deploy_r_univ

Deploy a dashboard from an 'r-universe' "packages.json" file.

Description

Deploy a dashboard from an 'r-universe' "packages.json" file.

Usage

```
orgmetrics_deploy_r_univ(
  url = NULL,
  dest_dir = fs::path_temp(),
  title = NULL,
  aggregation_period = 365L,
  action = NULL
)
```

Arguments

| | |
|---------------------------------|--|
| <code>url</code> | URL of a 'r-universe.dev' GitHub repository, containing a "packages.json" file defining the repositories contained within the 'r-universe'. If the parameter is not specified, function is presumed to be called within local version of an r-universe-like repository. |
| <code>dest_dir</code> | A local directory where all repositories of the specified 'r-universe' will be cloned, and also where data generated for the 'orgmetrics' dashboard will be stored. The default is a temporary path, but a permanent local path is better for local usage of this function, to avoid re-generating the same data each time. |
| <code>title</code> | Title for 'orgmetrics' dashboard. Default is NULL, in which case the title is taken to be the terminal element of <code>url</code> . |
| <code>aggregation_period</code> | Period in days over which prior activity is to be aggregated. Should be an integer greater than or equal to 90L, with a default of one year (365L) |
| <code>action</code> | One of "preview", to start and open a live preview of the dashboard website, "render" to render a static version without previewing or opening, or NULL to set up the quarto structure in the current temporary directory without doing anything. This option is useful to generate the dashboard structure so that it can be moved to a non-temporary location, and deployed or previewed from there. |

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