Package ‘allcontributors’

August 11, 2022

Title Acknowledge all Contributors to a Project
Version 0.1.0
Description Acknowledge all contributors to a project via a single
function call. The function appends to a ‘README’ or other specified
file(s) a table with names of all individuals who contributed via code
or repository issues. The package also includes several additional
functions to extract and quantify contributions to any repository.
License GPL-3
URL https://github.com/ropenscilabs/allcontributors
BugReports https://github.com/ropenscilabs/allcontributors/issues
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add_contributors

Description

Add contributors to README.Rmd

Usage

```r
add_contributors(
    repo = ".",
    ncols = 7,
    files = c("README.Rmd", "README.md"),
    type = c("code", "issues", "discussion"),
    exclude_label = "wontfix",
    exclude_issues = NULL,
    num_sections = 3,
    section_names = c("Code", "Issue Authors", "Issue Contributors"),
    format = "grid",
    alphabetical = FALSE,
    open_issue = FALSE,
    force_update = FALSE
)
```

Arguments

- **repo**: Location of repository for which contributions are to be extracted. This must be a git project with a github remote.
- **ncols**: Number of columns for contributors in 'README'
- **files**: Names of files in which to add contributors
- **type**: Type of contributions to include: 'code' for direct code contributions (including documentation), 'issues' to recognise contributors who open issues, and 'discussion' for contributing to discussions within issues. Discussion contributions are only from individuals not present in either 'issues' or 'code'; and 'issues' contributions are only from individuals not present in 'code'.
- **exclude_label**: Exclude any contributions from issues with specified label (default = "wontfix"; set to NULL or empty string to include all issues).
- **exclude_issues**: Numbers of any issues (or pull requests) to be excluded from lists of contributors.
- **num_sections**: Number of sections in which to divide contributors:
  - 1 All contributions within single section regardless of type
  - 2 Contributions divided between a single section for code and a second section for all other issue-related contributions.
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- 3 Contributions divided into single sections for each of the three type arguments.

section_names

Names of the sections to appear on the nominated files.

format

One of ("grid", "list", "text") to control display of contributors as

- 1 "grid" for a rectangular grid, with each contributor represented by their github avatar, with avatar linked to contributor profile and name linked to repository contributions.
- 2 "list" for a more condensed list with github user names only and no avatars, one contributor per line linked to issue contributions.
- 3 "text" for a single line of text containing comma-separated github user names linked to issue contributions.

alphabetical

If TRUE, order contributors alphabetically, otherwise order by decreasing numbers of contributions.

open_issue

If TRUE, open or edit an issue on github in order to notify all contributors that they've been added to your README (see Note).

force_update

If TRUE, update the specified files even if contributions have not changed.

Value

Named list of logical values indicating whether files of given names were updated or not is returned invisibly (that is, only if explicitly assigned to a return value).

Note

Opening an issue on github requires the github command-line interface to be locally installed. See https://cli.github.com/.

See Also

Other main: get_contributors()

Examples

# The following code extracts the contributors from the git repository
# associated with current working directory and writes them to a file.
## Not run:
f <- tempfile (fileext = ".Rmd")
writeLines (“”, f) # blank file in tempdir()
add_contributors (repo = ".", files = f)
## End(Not run)
get_contributors

Description

Get all contributors to a repository, including those who contribute to code, open issues, and contribute to discussions in issues.

Usage

get_contributors(
  org,
  repo,
  type = c("code", "issues", "discussion"),
  exclude_label = "wontfix",
  exclude_issues = NULL,
  alphabetical = FALSE,
  check_urls = TRUE,
  quiet = FALSE
)

Arguments

org Github organisation name for repository
repo Repository within org for which contributors are to be extracted
type Type of contributions to include: 'code' for direct code contributions (including documentation), 'issues' to recognise contributors who open issues, and 'discussion' for contributing to discussions within issues. Discussion contributions are only from individuals not present in either 'issues' or 'code'; and 'issues' contributions are only from individuals not present in 'code'.
exclude_label Exclude any contributions from issues with specified label (default = "wontfix"; set to NULL or empty string to include all issues).
exclude_issues Numbers of any issues (or pull requests) to be excluded from lists of contributors.
alphabetical If TRUE, order contributors alphabetically, otherwise order by decreasing numbers of contributions.
check_urls If TRUE (default), GitHub URLs of all contributors are checked to ensure they are still valid. (This is generally the most time-consuming stage, so set to 'FALSE' if you are sure all URLs are valid.)
quiet If FALSE, display progress information on screen.

See Also

Other main: add_contributors()
Examples

## Not run:
get_contributors (org = "ropenscilabs", repo = "allcontributors")

## End(Not run)

---

### Description

Get list of all code contributors to the code of a repository

### Usage

get_gh_code_contributors(org, repo, alphabetical = FALSE)

### Arguments

- **org**: Github organisation name for repository
- **repo**: Repository within org for which contributors are to be extracted
- **alphabetical**: If TRUE, order contributors alphabetically, otherwise order by decreasing numbers of contributions.

### Value

A data.frame of two columns of contributor (name, login)

### See Also

Other github: get_gh_contrib_issue(), get_gh_issue_people(), get_gh_issue_titles()

### Examples

## Not run:
get_gh_code_contributors (org = "ropenscilabs", repo = "allcontributors")

## End(Not run)
get_gh_contrib_issue

Description
Extract contributors currently listed on an "All Contributions" issue in a github repository.

Usage
get_gh_contrib_issue(org, repo)

Arguments
org Github organisation name for repository
repo Repository within org for which contributors are to be extracted

Value
Character vector of github logins for all contributors listed in current issue, or empty character string if there no issue named "All Contributors".

See Also
Other github: \texttt{get\_gh\_code\_contributors()}, \texttt{get\_gh\_issue\_people()}, \texttt{get\_gh\_issue\_titles()}

Examples
## Not run:
get_gh_contrib_issue (org = "ropenscilabs", repo = "allcontributors")
## End(Not run)

get_gh_issue_people

Description
Extract lists of (1) all authors of, and (2) all contributors to, all github issues for nominated repository

Usage
get_gh_issue_people(
  org, repo,
  exclude_issues = NULL,
  exclude_label = "wontfix"
)
get_gh_issue_titles

Arguments

org Github organisation name for repository
repo Repository within org for which contributors are to be extracted
exclude_issues Numbers of any issues (or pull requests) to be excluded from lists of contributors.
exclude_label Exclude any contributions from issues with specified label (default = "wontfix"; set to NULL or empty string to include all issues).

Value

List of (authors, contributors), each as character vector of github login names.

See Also

Other github: get_gh_code_contributors(), get_gh_contrib_issue(), get_gh_issue_titles()

Examples

```r
## Not run:
get_gh_issue_people (org = "ropenscilabs", repo = "allcontributors")
## End(Not run)
```

get_gh_issue_titles

Description

Extract titles and numbers of all issues associated with a nominated repository

Usage

get_gh_issue_titles(org, repo)

Arguments

org Github organisation name for repository
repo Repository within org for which contributors are to be extracted

Value

data.frame with one column of issue numbers, and one column of issue titles.

See Also

Other github: get_gh_code_contributors(), get_gh_contrib_issue(), get_gh_issue_people()
Examples

## Not run:
get_gh_issue_titles (org = "ropenscilabs", repo = "allcontributors")

## End(Not run)
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