Package: ghactionsOGD (via r-universe)

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Type Package

Title Easy GitHub Actions workflows for small-scale data-retrieving processes

Version 0.1.2

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Description Helps to create GitHub Actions workflows for small-scale data-retrieving processes such as scraping a website. Sets up the YAML file, creates the necessary directory structure and sets Actions Secrets on GitHub if needed.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

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Imports checkmate, gh, purrr, glue, rlang (>= 1.0.0), magrittr, cli, base64enc, sodium, git2r, usethis

Config/pak/sysreqs git make libgit2-dev libsodium-dev libssl-dev libx11-dev

Repository https://swissstatsr.r-universe.dev

RemoteUrl https://github.com/ogdtg/ghactionsOGD

RemoteRef HEAD

RemoteSha 9f8e8b98d12ac4f7119265946a2b1e307a597cf6

Contents

create_ghactions_workflow

Creates a GithubAction Workflow

Description

This function sets up a GitHub Action workflow using a cron job by doing the following steps:

- Creates the necessary directory structure.
- Creates the YAML file to configure the workflow.
- Sets Actions Secrets if needed.

Usage

```
create_ghactions_workflow(
  cron = NULL,
  name,
  container_name = "rocker/tidyverse:4.1.2",
  env = NULL,
  scripts,
  repo = get_repo_name(),
  commit_message = "Automated changes by GitHub Actions",
  token = get_git_pwd()
)
```

Arguments

`cron`	A string specifying the schedule in cron notation (e.g., "0 0 * * *" for daily at midnight).
`name`	Name of the workflow
`container_name`	Name of the container. This can be any docker container publicly available. Default is rocker/tidyverse:4.1.2
`env`	Named list of environmental Variables such as keys that are used in the script(s). All given variables will be set as Actions secrets on GitHub.
`scripts`	A vector of the paths of R scripts that should be executed in the workflow
`repo`	Name of the repo. By default the function retreives the name of the current repo by using `get_repo_name()`
`commit_message`	Commit Message for automatic commits
`token`	Personal Access Token with the necessary permissions to set Actions Secrets. By default the function retreives the password from the git.config by using `get_git_pwd()`

Details

IMPORTANT: The directory where the workflow should be created has to be a git repository!

Value

list with the full workflow

Examples

```
## Not run:
create_ghactions_workflow(cron = "31 2 * * *",
                          name = "Test",
                          env = list(ODS_KEY = Sys.getenv("ODS_KEY")),
                          scripts = "test.R")

## End(Not run)
```

---

get_git_pwd   *Retrieve GitHub Password used in current repo*

Description

Retrieve GitHub Password used in current repo

Usage

```
get_git_pwd()
```

Value

password

---

get_git_remote   *Retrieve GitHub owner and repo name*

Description

Retrieve GitHub owner and repo name

Usage

```
get_git_remote()
```

Value

owner/repo

---

get_git_user *Retrieve GitHub User of current repo*

Description

Retrieve GitHub User of current repo

Usage

```
get_git_user()
```

Value

username

---

get_repo_name *Retrieve GitHub repo name*

Description

Retrieve GitHub repo name

Usage

```
get_repo_name()
```

Value

repo name

---

use_ghactions_ogd *Workflow automation with GitHub Actions (specialised)*

Description

See use_ghactions()

Usage

```
use_ghactions_ogd(workflow)
```

Arguments

workflow   see ghactions::use_ghactions()

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