

GitHub Actions

202-04-19 @Guzhongren

Agenda

- ??? GitHub Actions
- GitHub Actions ?????
- ???? GitHub Actions
- ???
- ???????
- Q&A

GitHub Actions

🔗 GitHub Actions

- GitHub Actions 是什么
- 什么是 **CI/CD**
- 如何 GitHub 仓库集成 GitHub 的 Web 界面 Git 的 API 接口
- 如何使用 CI/CD 集成 GitHub Actions

GitHub Actions □□□□□

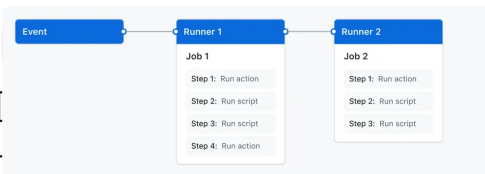
GitHub Actions

- **workflow**(`.github/workflows`) `workflow` Job

YAML

- **event**(`on`)

GitHub Actions



- **Job** **Step**

Step Step

- Actions GitHub Actions

Actions Docker

Node.js Python Ruby

GitHub Actions

????? GitHub Actions

- ?????????? YAM

??????

- ??? Actions????? Actions ??????????

Actions????? Git-

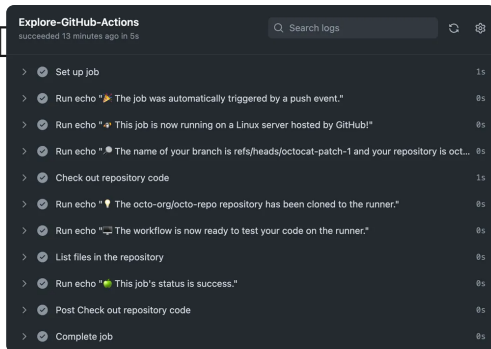
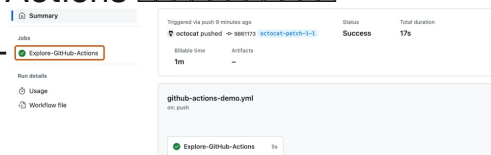
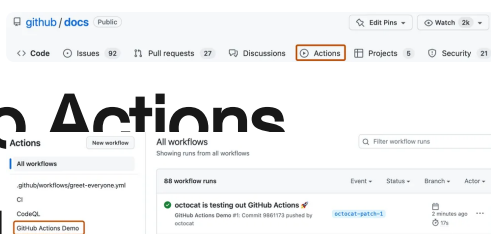
Docker ???

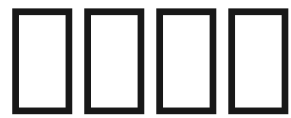
- ?????? Actions????? Actions ?????????

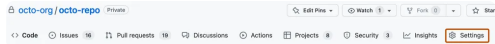
??????????????

- ?????? Secrets????? API ??????????

??? Secrets? ?????







?? GitHub Actions

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Actions secrets and variables

New repository secret

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Secrets and variables allow you to manage reusable configuration data. Secrets are **encrypted** and are used for sensitive data. [Learn more about encrypted secrets](#). Variables are shown as plain text and are used for **non-sensitive** data. [Learn more about variables](#).

Anyone with collaborator access to this repository can use these secrets and variables for actions. They are not passed to workflows that are triggered by a pull request from a fork.

Secrets

Variables

-







Heartbeat - CI/CD

Heartbeat is a tool for tracking project delivery metrics that can help you get a better understanding of delivery performance. This product allows you easily get all aspects of source data faster and more accurate to analyze team delivery performance which enables delivery teams and team leaders focusing on driving continuous improvement and enhancement.





Heartbeat -

Heartbeat Welcome Welcome new
contributors and recognize the efforts of the
community

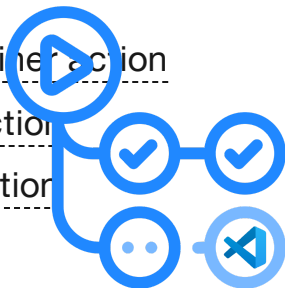




algolia-docsearch-upload-action

algolia-docsearch-upload-action is an
especially small & quick & simple Algolia
docsearch Indices upload action

- Creating a Docker container action
- Creating a JavaScript action
- Creating a composite action



Q & A

Refs

- GitHub Actions Documentation
- Heartbeat
- algolia-docsearch-upload-action
- ???? GitHub Actions ??????????

Thank you!