

Document on GitHub actions

1. What is GitHub actions?

GitHub Actions is a CI/CD automation tool used to automatically build, test, and deploy code when changes are pushed to GitHub.

2. Why GitHub actions?

We use GitHub Actions to automate CI/CD pipelines and reduce manual work in software deployment.

3. Components of GitHub actions?

- Event
- Jobs
- steps
- Runner

—> Event: event starts the workflow.

—> Jobs: the jobs is a set of steps executed on the runner.

—> Steps: it is a individual task runs within the job.

—> Runner: simple it executes the jobs.

4. The work flow of the GitHub actions



