

GitHub Actions documentation

Automate, customize, and execute your software development workflows right in your repository with GitHub Actions. You can discover, create, and share actions to perform any job you'd like, including CI/CD, and combine actions in a completely customized workflow.

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Learn GitHub Actions

Whether you are new to GitHub Actions or interested in learning all they have to offer, this guide will help you use GitHub Actions to accelerate your application development workflows.

Examples

Example workflows that demonstrate the CI/CD features of GitHub Actions.

About continuous integration

You can create custom continuous integration (CI) workflows directly in your GitHub repository with GitHub Actions.

Deploying with GitHub Actions

Learn how to control deployments with features like environments and concurrency.

Popular

Workflow syntax for GitHub Actions

A workflow is a configurable automated process made up of one or more jobs. You must create a YAML file to define your workflow configuration.

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Examples

Example workflows that demonstrate the CI/CD features of GitHub Actions.

Events that trigger workflows

You can configure your workflows to run when specific activity on GitHub happens, at a scheduled time, or when an event outside of GitHub occurs.

Actions - Prevent self-reviews for secure deployments across Actions environments

October 16

Requiring workflows with Repository Rules is generally available

October 11

Actions - Secure deployment rollouts to protected environments based on select tag patterns

October 06

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Using starter workflows

GitHub provides starter workflows for a variety of languages and tooling.

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Publishing Node.js packages

You can publish Node.js packages to a registry as part of your continuous integration (CI) workflow.

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Building and testing PowerShell

You can create a continuous integration (CI) workflow to build and test your PowerShell project.

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