

**This version of GitHub Enterprise was discontinued on 2023-03-15.** No patch releases will be made, even for critical security issues. For better performance, improved security, and new features, [upgrade to the latest version of GitHub Enterprise](#). For help with the upgrade, [contact GitHub Enterprise support](#).

# Guides for GitHub Actions

These guides for GitHub Actions include specific use cases and examples to help you configure workflows.

Get started with GitHub Actions

Discover the possibilities of GitHub Actions by creating your first workflow.

Start learning path →

1

OVERVIEW

Understanding GitHub Actions

Learn the basics of GitHub Actions, including core concepts and essential terminology.

2

HOW-TO GUIDE

Finding and customizing actions

Actions are the building blocks that power your workflow. A workflow can contain actions created by the community, or you can create your own actions directly within your application's repository....

3

HOW-TO GUIDE

Essential concepts of GitHub Actions

GitHub Actions is designed to be robust and easy to use. It allows you to show your workflow in a way that is easy to understand, that includes variables and secrets.

## GitHub Actions learning paths

Learning paths are a collection of guides that help you master a particular subject.

Adopt GitHub Actions for your enterprise	
Learn how to plan and implement a rollout of GitHub Actions in your enterprise.	
Start learning path →	
1 About GitHub Actions for enterprises	OVERVIEW
2 Understanding GitHub Actions	OVERVIEW
3 Introducing GitHub Actions to your enterprise	HOW-TO GUIDE

Introducing GitHub Actions to your enterprise

How to build

Show 3 more guides

Host your own runners

Start learning path →

You can create self-hosted runners to run workflows in a highly customizable environment.

1 About self-hosted runners

OVERVIEW

2 Adding self-hosted runners

TUTORIAL

3 Configuring the self-hosted runner application as a service

TUTORIAL

Show 4 more guides

Create an action

Start learning path →

Do you have an idea for a new action? Have you built something custom for your project? Learn how to build shareable actions and publish them to GitHub Marketplace.

1 About custom actions

OVERVIEW

2 Creating a Docker container action

TUTORIAL

3 Creating a JavaScript action

TUTORIAL

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# All GitHub Actions guides

Filter the guide list using these controls

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## Quickstart for GitHub Actions

### QUICKSTART

Try out the features of GitHub Actions in 5 minutes or less.

Fundamentals

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## Understanding GitHub Actions

### OVERVIEW

Learn the basics of GitHub Actions, including core concepts and essential terminology.

Fundamentals

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## Creating a Docker container action

### TUTORIAL

This guide shows you the minimal steps required to build a Docker container action.

Action development

Docker

---

## Using starter workflows

### TUTORIAL

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

Workflows

CI

CD

---

## Building and testing Python

### TUTORIAL

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

CI

Python

---

## Building and testing Node.js

### TUTORIAL

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

CI

Node

JavaScript

---

## About packaging with GitHub Actions

### OVERVIEW

You can set up workflows in GitHub Actions to produce packages and upload them to GitHub Packages or another package hosting provider.

Packaging

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## Publishing Docker images

### TUTORIAL

You can publish Docker images to a registry, such as Docker Hub or GitHub Packages, as part of your continuous integration (CI) workflow.

Packaging

Publishing

Docker

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## About continuous integration

### OVERVIEW

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

CI

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