GitHub Packages documentation

Learn to safely publish and consume packages, store your packages alongside your code, and share your packages privately with your team or publicly with the open source community. You can also automate your packages with GitHub Actions.

Quickstart Reference

Start here

Learn GitHub Packages
You can find out more about using packages in GitHub, including publishing new packages to GitHub Packages, view and install existing packages, and, in special circumstances, delete existing packages.

Managing GitHub packages using GitHub Actions workflows
You can safely publish and consume packages by building custom workflows that can also build, test, and deploy your code.

Installing a package
You can install a package from GitHub Packages and use the package as a dependency in your own project.

Popular

Working with the npm registry
You can configure npm to publish packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in an npm project.

Learn GitHub Packages
You can find out more about using packages in GitHub, including publishing new packages to GitHub Packages, view and install existing packages, and, in special circumstances, delete existing packages.

Working with the Apache Maven registry
You can configure Apache Maven to publish packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in a Java project.

What's new View all →

Changes to token permission on packages
September 26

Fine-grained permissions and organization-level publishing are now available for the GitHub Packages

RubyGems registry

January 10

Fine-grained permissions and organization-level publishing are now available for the GitHub Packages NuGet registry

December 09

Guides

Working with the Container registry

You can store and manage Docker and OCI images in the Container registry, which uses the package namespace https://ghcr.io.

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Working with the npm registry

You can configure npm to publish packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in an npm project.

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Working with the RubyGems registry

You can configure RubyGems to publish a package to GitHub Packages and to use packages stored on GitHub Packages as dependencies in a Ruby project with Bundler.

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All GitHub Packages docs

Learn GitHub Packages

Introduction to GitHub Packages

About permissions for GitHub Packages

- Configuring a package's access control and visibility
- Connecting a repository to a package
- Publishing a package
- Viewing packages
- Installing a package
- Deleting and restoring a package

Working with a GitHub Packages registry

- Working with the Container registry
- Working with the Docker registry
- Working with the RubyGems registry
- Working with the npm registry
- Working with the Apache Maven registry
- Working with the Gradle registry
- Working with the NuGet registry
- Migrating to the Container registry from the Docker registry

Managing GitHub packages using GitHub Actions workflows

- Publishing and installing a package with GitHub Actions
- Example workflows for publishing a package
- About GitHub Packages and GitHub Actions