

GitHub Codespaces documentation

Create a codespace to start developing in a secure, configurable, and dedicated development environment that works how and where you want it to.

[Overview](#)[Quickstart](#)[View video transcript](#)

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Enabling or disabling GitHub Codespaces for your organization

You can control which users can use GitHub Codespaces in your organization's private repositories.

Understanding the codespace lifecycle

You can develop in a GitHub Codespaces environment and maintain your data throughout the entire codespace lifecycle.

Introduction to dev containers

When you work in a codespace, the environment you are working in is created using a development container, or dev container, hosted on a virtual machine.

Managing access to other repositories within your codespace

You can manage the repositories that GitHub Codespaces can access.

Set up your project

Setting up a Node.js project for GitHub Codespaces

Get started with a Node.js, JavaScript, or TypeScript project in GitHub Codespaces by creating a custom dev container configuration.

Setting up a Python project for GitHub Codespaces

Get started with a Python project in GitHub Codespaces by creating a custom dev container configuration.

Setting up a Java project for GitHub Codespaces

Get started with a Java project in GitHub Codespaces by creating a custom dev container configuration.

Setting up a C# (.NET) project for GitHub Codespaces

Get started with a C# (.NET) project in GitHub Codespaces by creating a custom dev container configuration.

What's new [View all →](#)

Codespaces Repository Access and Security Setting Removal

October 19

GitHub Codespaces GPU Limited Beta Update

August 24

Codespaces gives you a free upgrade

August 04

Guides

Deep dive into GitHub Codespaces

Understand how GitHub Codespaces works.

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Creating a codespace for a repository

You can create a codespace for a branch in a repository to develop online.

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Creating a codespace from a template

If you're starting a new project, you can create a codespace from a blank template or choose a template specially designed for the type of work you want to do.

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Opening an existing codespace

You can reopen a codespace that you have closed or stopped and return to your work.

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[Allowing your codespace to access a private registry](#)

[Using GitHub Copilot in GitHub Codespaces](#)

[Using the GitHub Codespaces plugin for JetBrains](#)

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