

# 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 and internal 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

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### 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.

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### Setting up a Python project for GitHub Codespaces

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

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### Setting up a Java project for GitHub Codespaces

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

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### 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.

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### Codespaces Repository Access and Security Setting Removal

October 19

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### GitHub Codespaces GPU Limited Beta Update

August 24

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### 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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## **Reference**

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

[Using GitHub Copilot in GitHub Codespaces](#)

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

[Using the Visual Studio Code Command Palette in GitHub Codespaces](#)

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