

Facilitating quick creation and resumption of codespaces

In this article

Overview

Creating a link to the codespace creation page for your repository

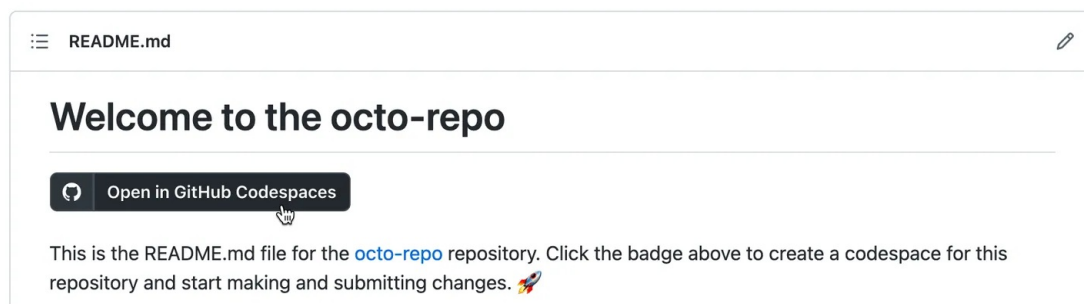
Creating a link to resume a codespace

Creating an "Open in GitHub Codespaces" badge

You can add a link to take people straight to a page for creating a codespace, with your choice of options preconfigured. Alternatively you can link to the "Resume codespace" page.

Overview

You can make it easy for people to work on your repository in a codespace by providing a link to the codespace creation page. One place you might want to do this is in the README file for your repository. For example, you can add the link to an "Open in GitHub Codespaces" badge.



The link to the codespace creation page can include specific configuration options to help people create an appropriate codespace. People who use the link will be able to choose different options, if they want, before creating the codespace. For information about the available options, see "[Creating a codespace for a repository](#)."

Alternatively, you can link to the "Resume codespace" page, which provides a quick way for people to open a codespace they were working on recently.

Creating a link to the codespace creation page for your repository

You can use these URLs to link to the codespace creation page for your repository. Replace the text in uppercase letters.

- Create a codespace for the default branch of the repository:
`https://codespaces.new/OWNER/REPO-NAME`
- Create a codespace for a specific branch of the repository:
`https://codespaces.new/OWNER/REPO-NAME/tree/BRANCH-NAME`

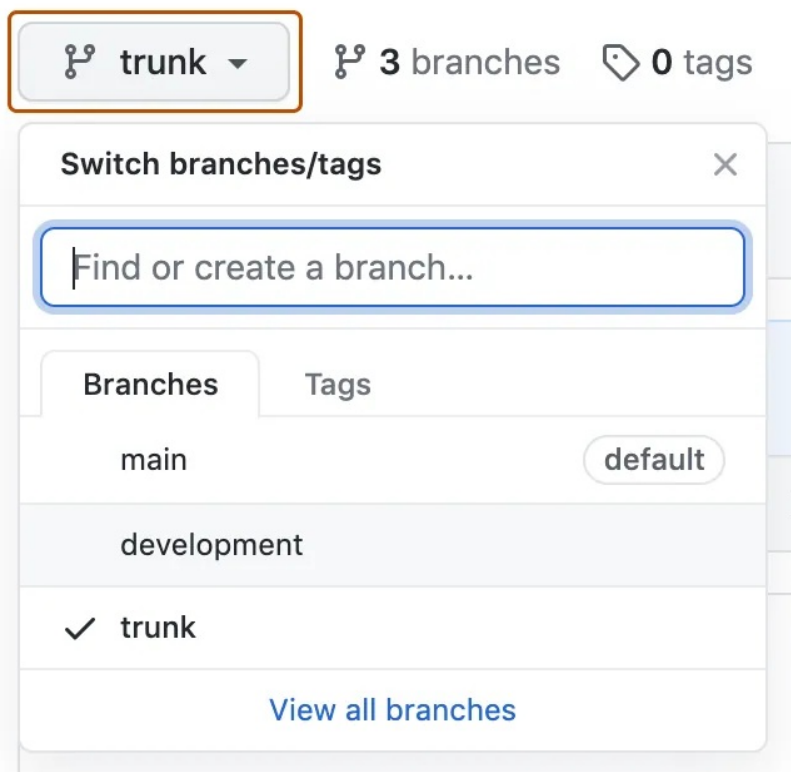
- Create a codespace for the topic branch of a pull request:

`https://codespaces.new/OWNER/REPO-NAME/pull/PR-SHA`

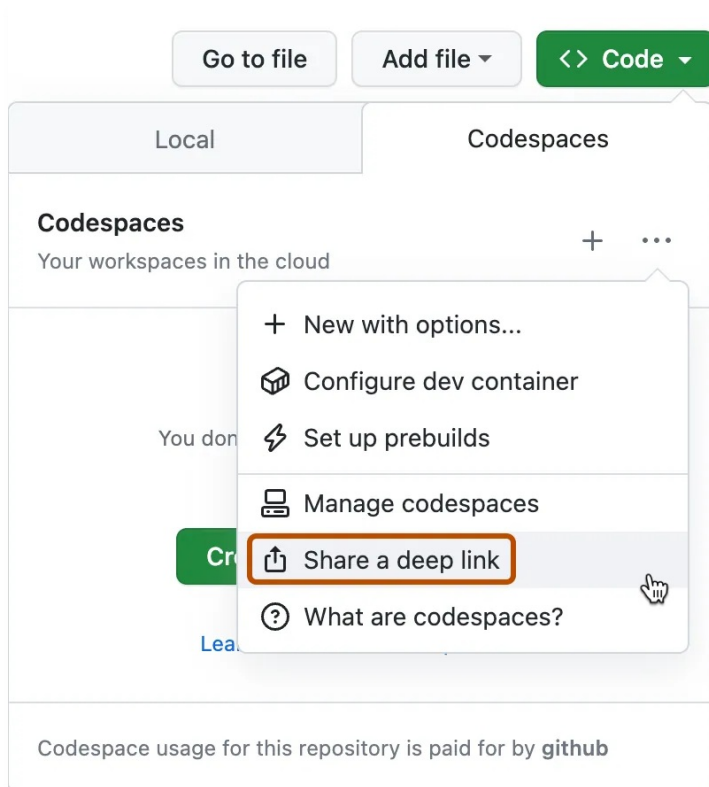
Configuring more options [↗](#)


You can use the "Share a deep link" option to configure more options for the codespace and build a custom URL, then copy a Markdown or HTML snippet for an "Open in GitHub Codespaces" badge.

- 1 On GitHub.com, navigate to the main page of the repository.
- 2 If you want to create a link for a branch other than the repository's default branch, under the repository name, click the button labeled with the name of the current branch. In the dropdown menu, select the branch for which you want to create a link.



- 3 Click the <> **Code** button, then click the **Codespaces** tab.
- 4 To open the "Share codespace configuration" window, at the top right of the **Codespaces** tab, select ⋮, then click **Share a deep link**.



- 5 Optionally, to take users to a page where they can quickly resume a recent codespace or create a new one, select **Quick start**. For more information, see "[Creating a link to resume a codespace](#)."
- 6 Optionally, to specify a dev container configuration, select **Configuration file**, then use the dropdown menu to choose a configuration. If you don't specify a configuration, the default configuration for your repository is used. For more information, see "[Introduction to dev containers](#)."
- 7 Under "Snippets," you can copy the URL you have built, or copy a Markdown or HTML snippet including an "Open in GitHub Codespaces" badge. To copy the URL or snippet, select between the **URL**, **HTML**, and **Markdown** tabs, then click .

Share codespace configuration
×

Choose which settings from this configuration to include when sharing


☒ **Quick start**
Automatically create or reuse the most recent matching codespace. [Read more](#).

☐ **Configuration file**
Select which devcontainer to use. If unselected the default configuration for your repository will be used. [Read more](#).

docs.github.com ▾

Snippets
Use the following snippets to embed an "Open in Codespaces" button for this configuration in your own page or README.

URL HTML Markdown

<https://codespaces.new/github/docs?quickstart=1>


Creating a link to resume a codespace

You can create a link to a page for resuming your most recent codespace that matches the repository, branch, and other options specified in the URL.


Add `?quickstart=1` to a `codespaces.new` URL, such as the URLs listed in the previous section of this article. This produces a URL that displays a "Resume codespace" page.

For example, the URL `https://codespaces.new/octo-org/octo-repo?quickstart=1` opens a

page to allow you to resume your most recent codespace for the default branch of the `octo-org/octo-repo` repository.

Resume codespace

Get started with development in the cloud from an existing repository or a template. [Find out more about codespaces.](#)

 octo-org/octo-repo
My first repo on GitHub!

Previous session found
You recently used a codespace created from this repository. Would you like to resume it or create a new one?

jubilant space guide Last used 7 days ago ...
main

Create a new one Resume this codespace

Notes:

- If the `codespaces.new` URL already contains a query string, add `&quickstart=1` at the end of the query string.
- This type of URL will always open a codespace in the VS Code web client, even if this is not set as your default editor for GitHub Codespaces.


If no matching codespaces are found, the page is titled "Create codespace" and a button is displayed for creating a new codespace with matching parameters.

This type of URL is useful, for instance, in a README for your repository as it gives people a way of either creating a codespace, or resuming their codespace, in just a couple of clicks.

Creating an "Open in GitHub Codespaces" badge

Tip: You can use the "Share a deep link" option to create a Markdown or HTML snippet that includes an "Open in GitHub Codespaces" badge with a custom URL. For more information, see "[Configuring more options.](#)"

- 1 Get the URL to the codespace creation page, or the "Resume codespace" page, as described in the previous sections.
- 2 Add the following Markdown to, for example, the `README.md` file of your repository:

Markdown 

`[![Open in GitHub Codespaces](https://github.com/codespaces/badge.svg)](URL)`

For example:

`[![Open in GitHub Codespaces](https://github.com/codespaces/badge.svg)]`

(<https://codespaces.new/github/docs>)

The example Markdown is rendered like this:



Legal

© 2023 GitHub, Inc. [Terms](#) [Privacy](#) [Status](#) [Pricing](#) [Expert services](#) [Blog](#)