Managing releases in a repository

In this lab

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- Creating a release
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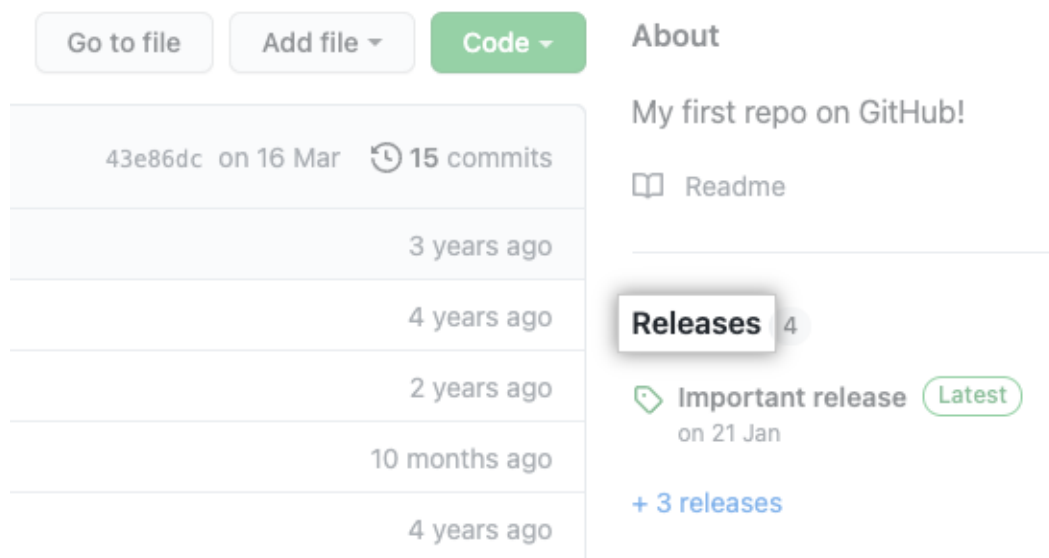
You can create releases to bundle and deliver iterations of a project to users.
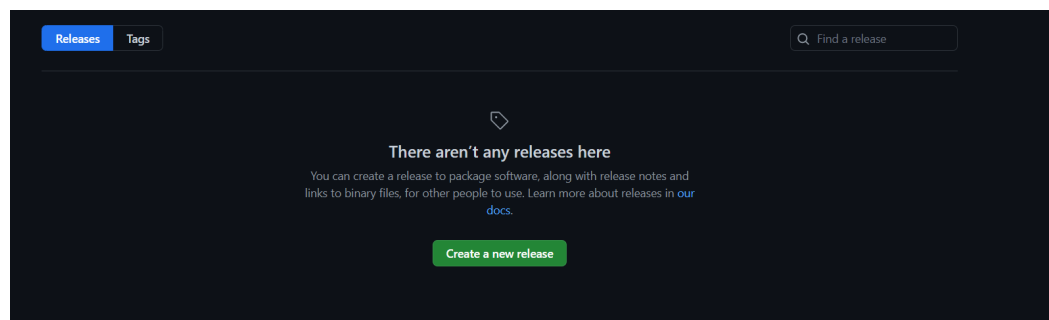
Who can use this feature

Repository collaborators and people with write access to a repository can create, edit, and delete a release.
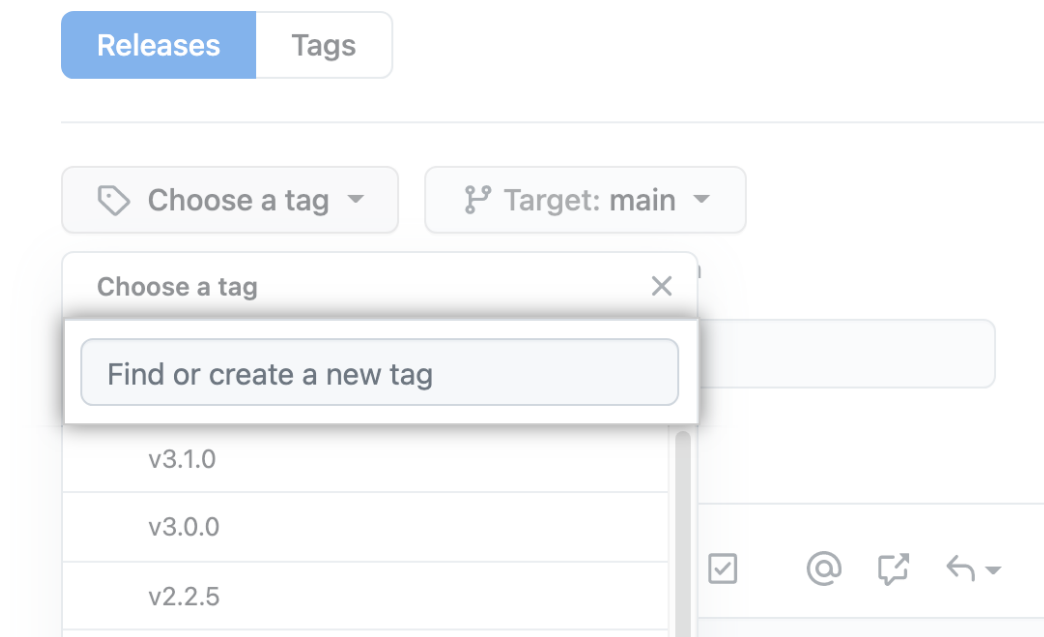
Creating a release

1. On GitHub.com, navigate to the main page of the repository.

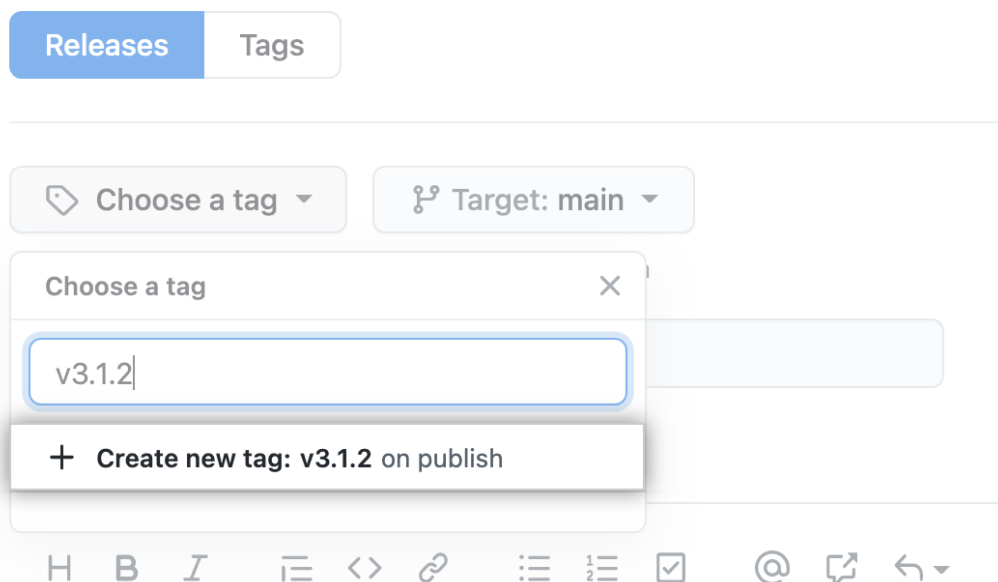2. To the right of the list of files, click **Releases**.

3. Click **Create a new release**.

4. Click **Choose a tag**, type a version number for your release, and press **Enter**. Alternatively, select an existing tag.

5. If you are creating a new tag, click **Create new tag**.

6. If you have created a new tag, use the drop-down menu to select the branch that contains the project you want to release.

Releases | Tags

v3.1.2 ▾ | ⌥ Target: main ▾

Excellent! This tag will be created from the target when you publish this release.

7. Optionally, to the top right of the description text box, select the **Previous tag** drop-down menu and click the tag that identifies the previous release.

v3.2.1 ▾ | ⌥ Target: main ▾

Excellent! This tag will be created from the target when you publish this release.

Release title

Write | Preview

H **B** *I* ⋮≡ <> 🔗 ≔ ≔ ☑ @ ⬀ ↩▾

Previous tag: auto ▾ | Generate release notes

Describe this release

Attach files by dragging & dropping, selecting or pasting them.

8. Type a title and description for your release. If you @mention anyone in the description, the published release will include a **Contributors** section with an avatar list of all the mentioned users. Alternatively, you can automatically generate your release notes by clicking **Generate release notes**.

Release title

Write   Preview

H   B   I   ≔   <>   🔗   ≔ ≔ ☑   @ ☐   ↩▾

Previous tag: v2.2.0 ▾   Generate release notes

Describe this release

Attach files by dragging & dropping, selecting or pasting them.

9. Optionally, to include binary files such as compiled programs in your release, drag and drop or manually select files in the binaries box.

10. To notify users that the release is not ready for production and may be unstable, select **Set as a pre-release**.

☐ **This is a pre-release**
We'll point out that this release is identified as non-production ready.

11. If you're ready to publicize your release, click **Publish release**. To work on the release later, click **Save draft**.

We'll point out that this release is identified

Publish release   **Save draft**

You can then view your published or draft releases in the releases feed for your repository.

Editing a release

1. On GitHub.com, navigate to the main page of the repository.

2. To the right of the list of files, click **Releases**.

3. On the right side of the page, next to the release you want to edit, click .

2 months ago
octocat
v1.5.8
43e86dc

Compare ▾

Important release   Latest

Notable changes

- #1144 – Updates to icon
- #1223 – Improve contrast

4. Edit the details for the release in the form, then click **Update release**. If you add or remove any @mentions of GitHub users in the description, those users will be added or removed from the avatar list in the **Contributors** section of the release.

Update release

Releases cannot currently be edited with GitHub CLI.

Deleting a release

1. On GitHub.com, navigate to the main page of the repository.

2. To the right of the list of files, click **Releases**.

Go to file   Add file ▾   Code ▾

43e86dc on 16 Mar   ⏱ 15 commits

3 years ago

4 years ago

2 years ago

10 months ago

4 years ago

About

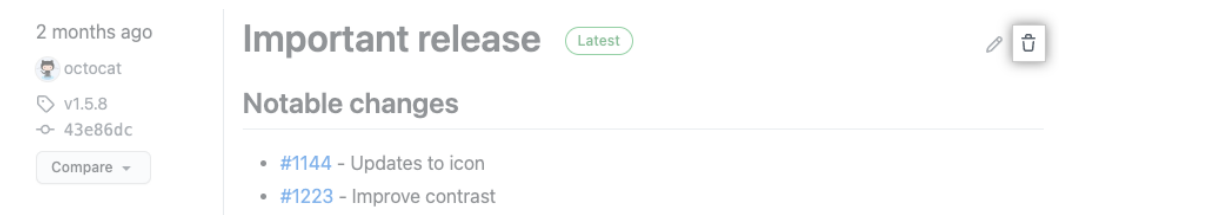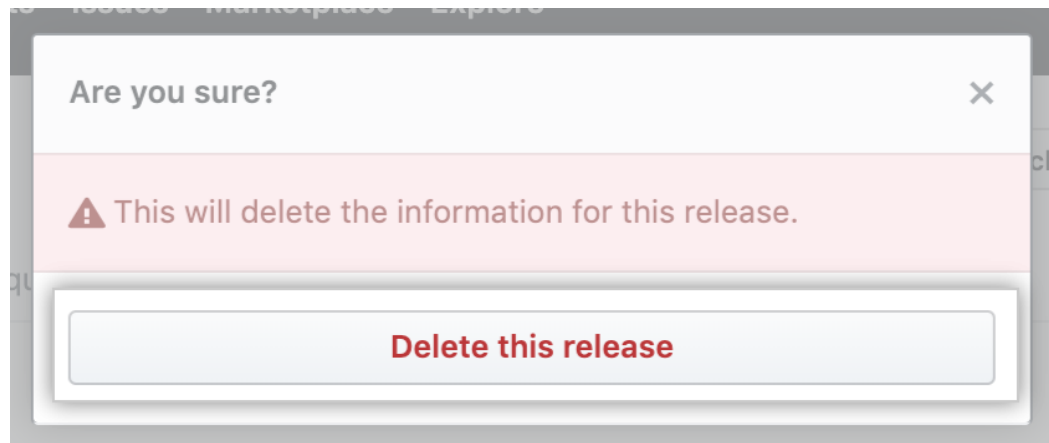My first repo on GitHub!

📖 Readme

Releases 4

🏷 Important release   Latest
   on 21 Jan

+ 3 releases

3. On the right side of the page, next to the release you want to delete, click .

2 months ago
octocat
v1.5.8
43e86dc
Compare ▾

Important release (Latest)

Notable changes

- #1144 – Updates to icon
- #1223 – Improve contrast

4. Click **Delete this release**.

Are you sure? ✕

⚠ This will delete the information for this release.

Delete this release

Task: Creating a New Release

In this task, you will create another new release. Please keep following points while completing this task:

1. You will see **Draft a new release** instead of **Create a new release** now.

Draft a new release   🔍 Find a release

2. You can select **Set as latest release**. If you do not select this option, the latest release label will automatically be assigned based on semantic versioning.

☑ **Set as the latest release**
This release will be labeled as the latest for this repository.