GitHub Help   ☰

Syncing your branch

As commits are pushed to your project on GitHub, you can keep your local copy of the project in sync with the remote repository.

You must sync your local branch with the remote repository to get any additional commits that have been added to the upstream branch since you originally [created your branch](#).

In this article

- [Update your local branch](#)
- [Merge another branch into your project branch](#)
- [Rebase your project branch onto another branch](#)

Update your local branch

1   In GitHub Desktop, switch to the local branch you want to update by clicking ⑂ **Current Branch** and selecting the branch from the list.
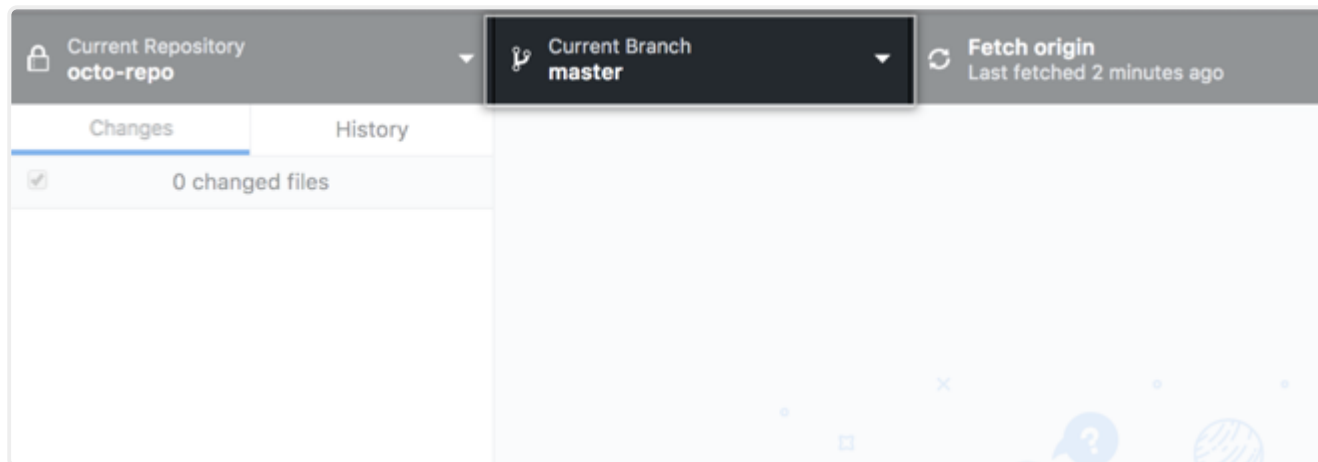
2   Click **Fetch origin** to update your branch.
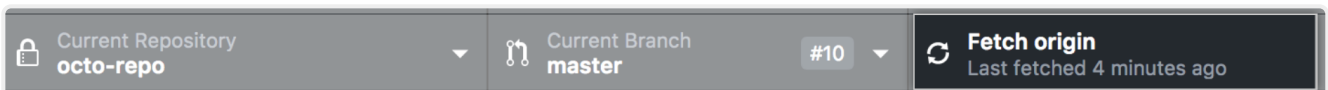
3   If there are commits on the remote branch, you can pull these by clicking **Pull origin** or **Pull origin with rebase**.
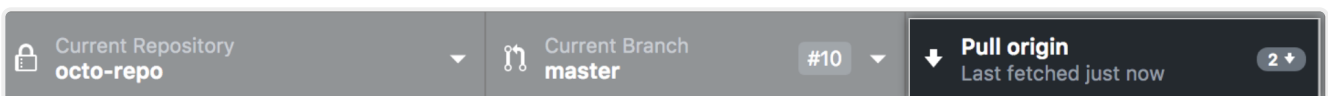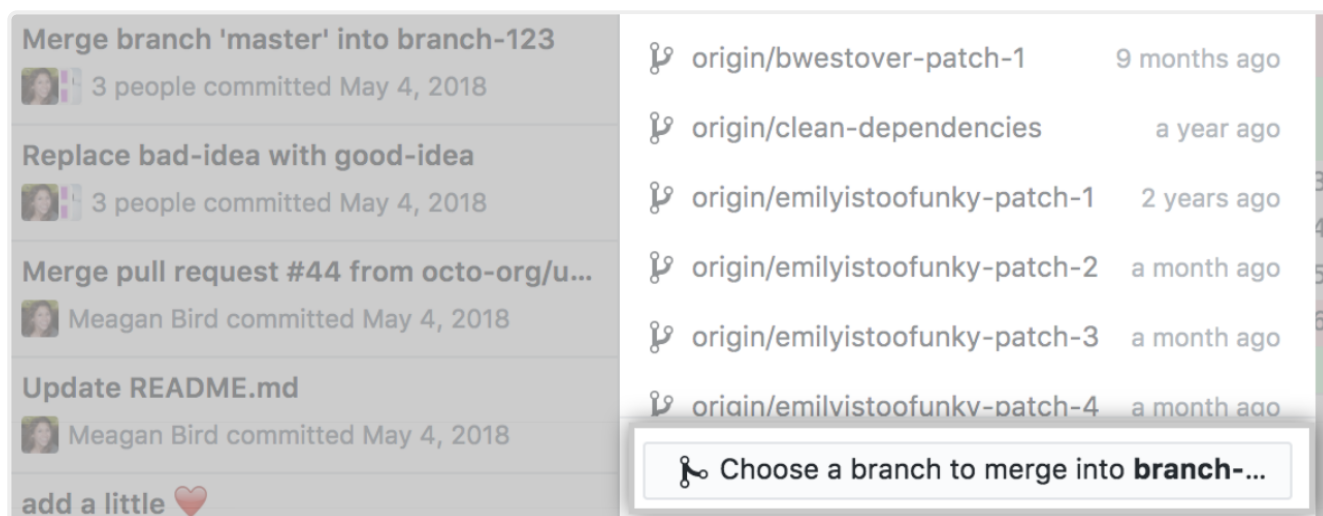

4   Resolve any merge conflicts in your preferred way, using a text editor, the command line, or another tool.

Merge another branch into your project branch

1   At the top of the app, click ⅄ **Current Branch**.
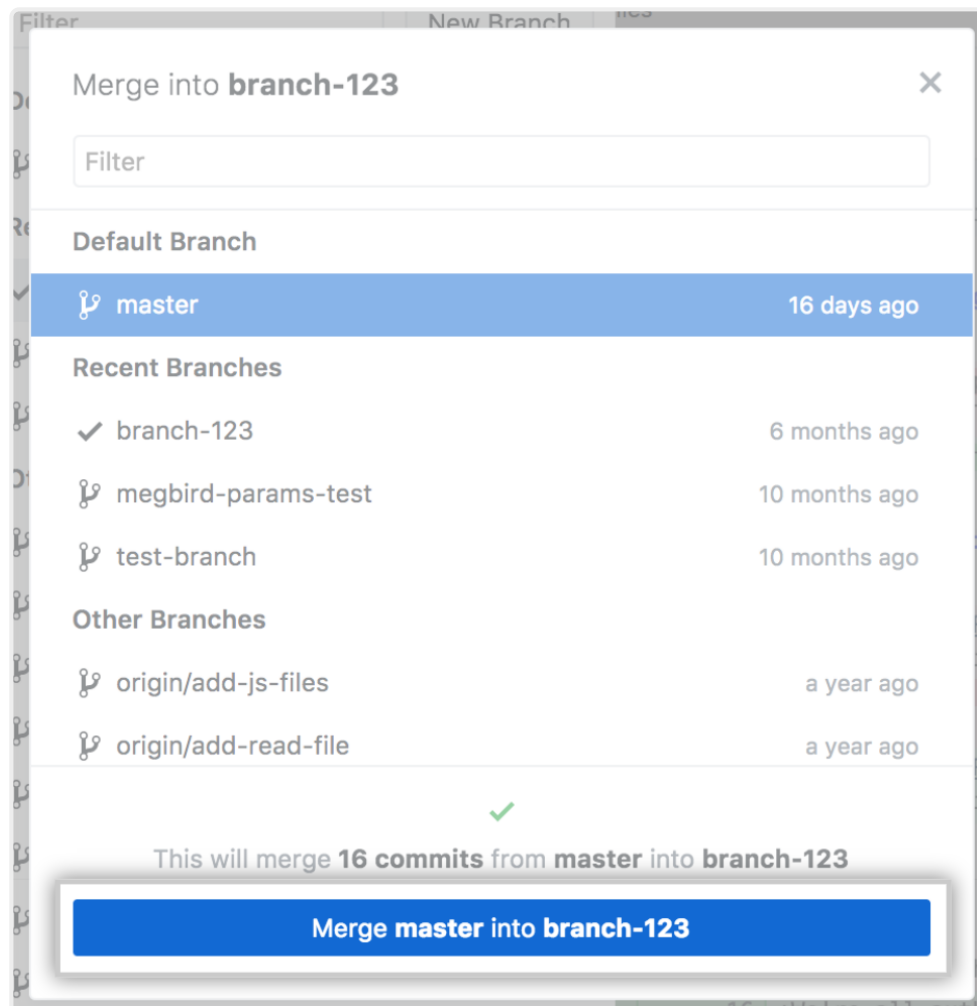

2   Click **Choose a branch to merge into** *BRANCH*.

3   Click the branch you want to merge into the current branch, then click **Merge** *BRANCH* **into** *BRANCH*.

> **Note:** If there are merge conflicts, GitHub Desktop will warn you above the **Merge** *BRANCH* **into** *BRANCH* button. You will not be able to merge the branches until you have resolved all conflicts.

4   Click ⬆ **Push origin** or **Force push origin** to push your changes to the remote.
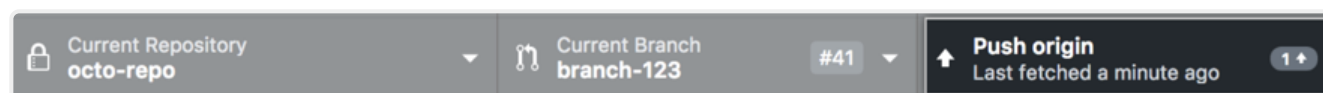
Rebase your project branch onto another branch

Some workflows either require or benefit from rebasing as opposed to merging. By rebasing you can reorder, edit, or squash commits together. For more information, see "About Git rebase."

1   Use the **Branch** drop-down and click **Rebase Current Branch**.
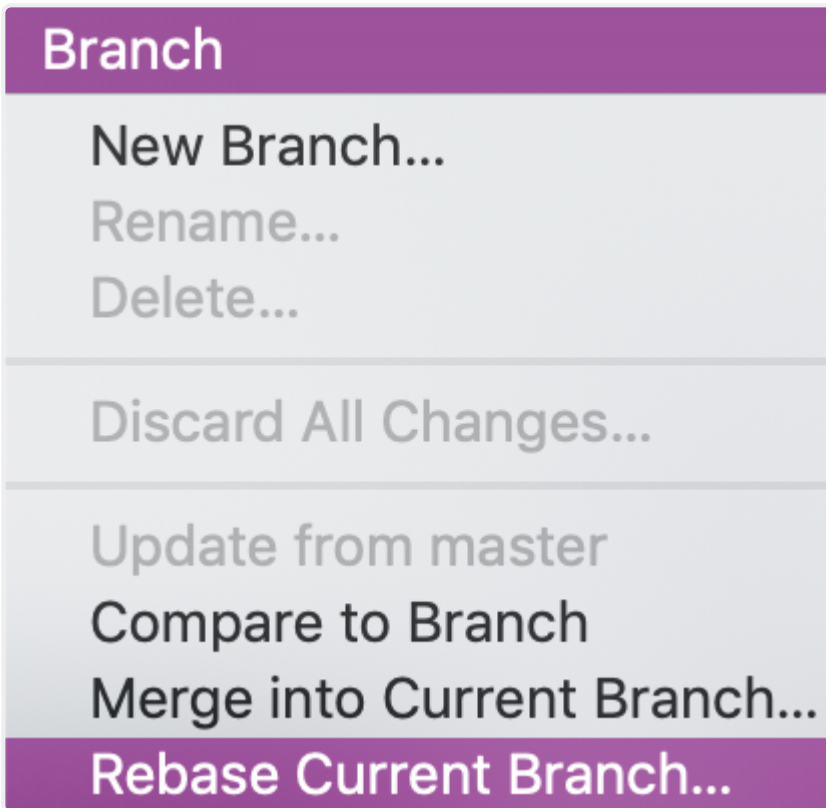
2   Click the branch you want to rebase into the current branch, then click **Start rebase**.

Rebase **branch-123**...   ✕

Filter

Default Branch

⎇ master   a month ago

Recent Branches
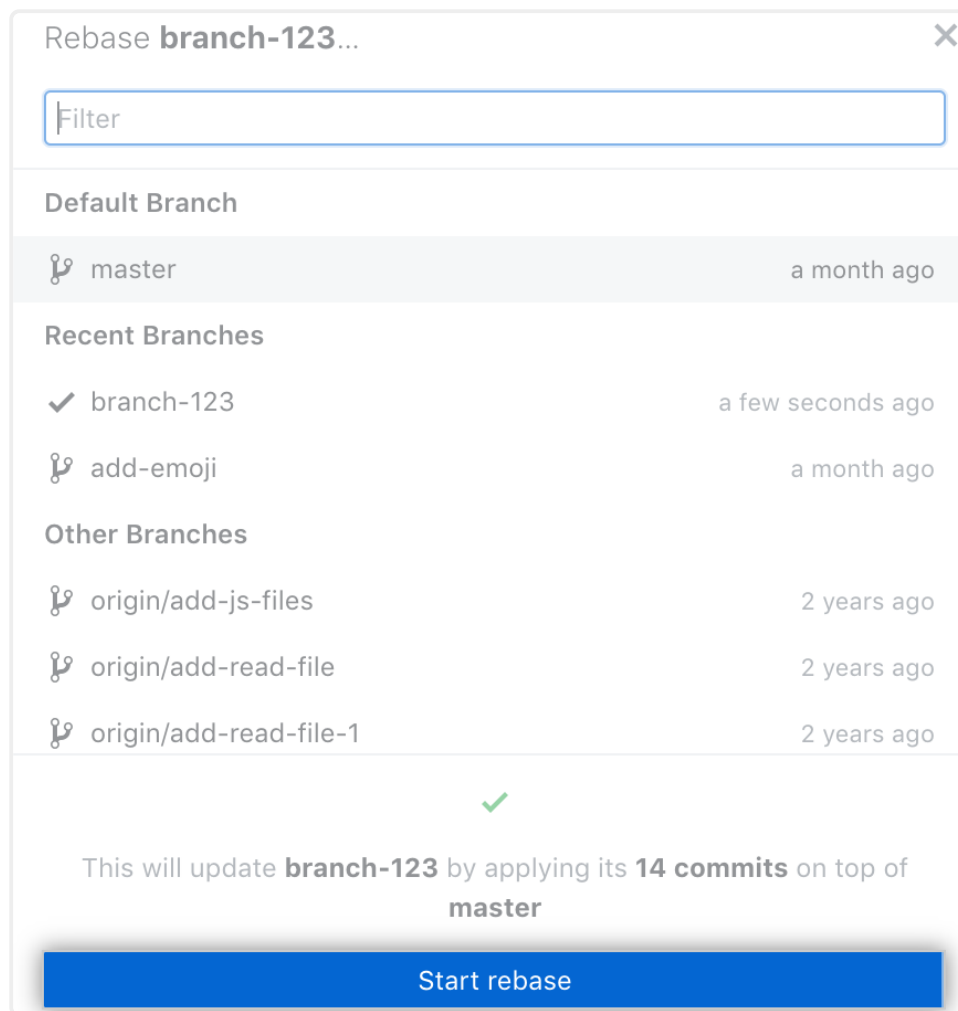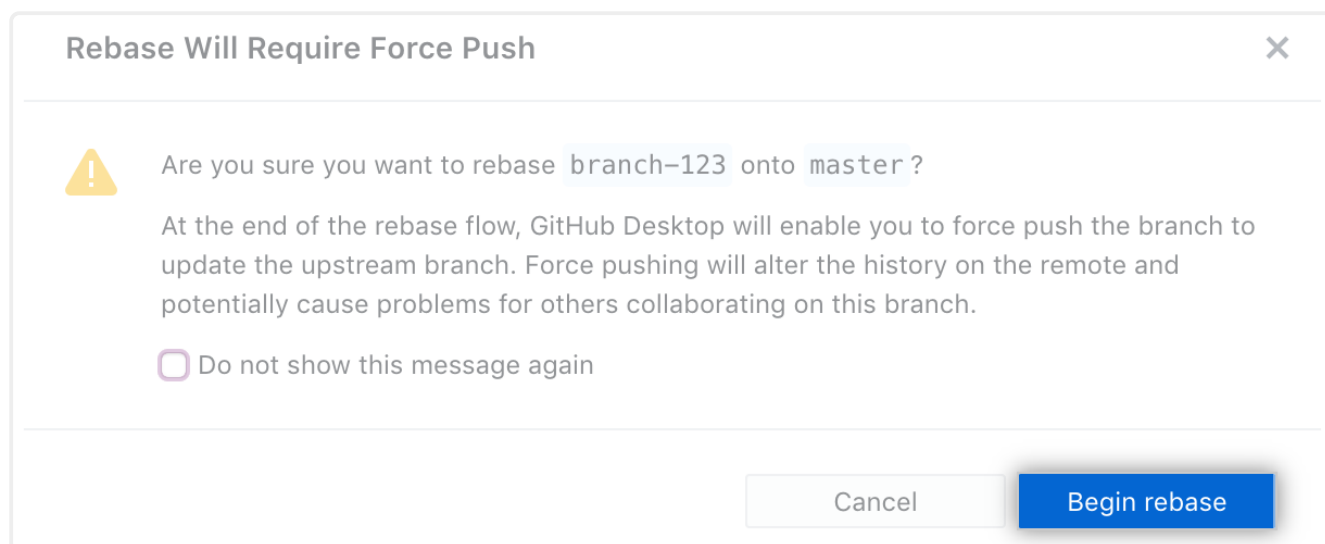
✓ branch-123   a few seconds ago

⎇ add-emoji   a month ago

Other Branches

⎇ origin/add-js-files   2 years ago

⎇ origin/add-read-file   2 years ago

⎇ origin/add-read-file-1   2 years ago

✓

This will update **branch-123** by applying its **14 commits** on top of
master

Start rebase

3   If you're sure you want to rebase, click **Begin rebase**.

Rebase Will Require Force Push   ✕

⚠   Are you sure you want to rebase `branch–123` onto `master`?

At the end of the rebase flow, GitHub Desktop will enable you to force push the branch to
update the upstream branch. Force pushing will alter the history on the remote and
potentially cause problems for others collaborating on this branch.

☐ Do not show this message again

Cancel   Begin rebase

4   Resolve any merge conflicts in your preferred way, using a text editor, the command line, or
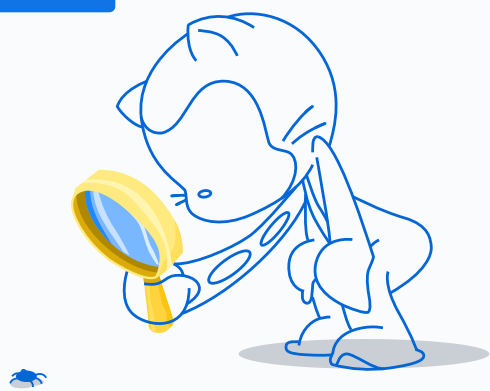another tool.

5   To push up your local changes, click **Force push origin**.

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