

GitHub Cheat Sheet

Commit

Saves changes. Offers the option to include a commit message to explain what changed and why.

Note, this is only visible after selecting a file and editing it in GitHub. Shows at the bottom of the page.

Commit changes

Expanded text

Add an optional extended description...

- ☒ Commit directly to the `Test` branch.
- ☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes

Cancel

Branch

a series of related commits. Can have several branches in a single project for working on different features. The main branch is known as the Master Branch.

From the Branch button at the top of your project, you can create a new branch, or switch to a different branch to work on if one already exists.

Branch: master ▼

New pull request

Switch branches/tags

Test

Branches

Tags

Create branch: Test
from 'master'

Merge

Take completed work from one branch and incorporate it into another (usually the Master branch).

As you can see, a change to a file in the Test branch was automatically reviewed by the pull request and found to have no conflicts with the Master branch (meaning there were no instances of the same code being edited in the same file). Once reviewed, you can click to complete the merge request and confirm that the Master branch can be updated.

Add more commits by pushing to the `Test` branch on Firefly68/Project.



✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

✓ Create a merge commit

All commits from this branch will be added to the base branch via a merge commit.

Squash and merge

The 1 commit from this branch will be added to the base branch.

Rebase and merge

The 1 commit from this branch will be rebased and added to the base branch.

Automatically test your code

... in your code before you merge.



Add more commits by pushing to the `Test` branch on Firefly68/Project.

Merge pull request #1 from Firefly68/Test

Confirm merge

Cancel

Pull request

Used to request that someone review the work you completed on a branch and merge it into the master if approved. Can also be used earlier in the process to start a discussion about possible new feature

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

Clone

Download a copy of a project to work on it locally. The URL shown is the source for the files, you can chose whether to open them in GitHub desktop (if installed) or download a zipped (compressed) copy of the project to open in whatever code editor you are using.

Fork

If you want to submit changes to a project you don't have write access to, you make a copy of the project under your own profile. This is known as forking the project. You can then clone it, make changes, and submit them for review using a pull request.