



PROJECT AURUM





# Developer Protocols & Procedures





# Setup

- ◇ Make sure you have installed:
  - Git
  - Github Desktop
  - An IDE like VSCode or Atom (these work the best with Github Desktop)



SIGBlockchain / test-repo

Watch 4 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Test repository for learning developer procedures and protocols

Manage topics

1 commit 6 branches 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find file Clone or download

Clone with HTTPS ? Use SSH

Use Git or checkout with SVN using the web URL.

https://github.com/SIGBlockchain/test-

Open in Desktop Download ZIP

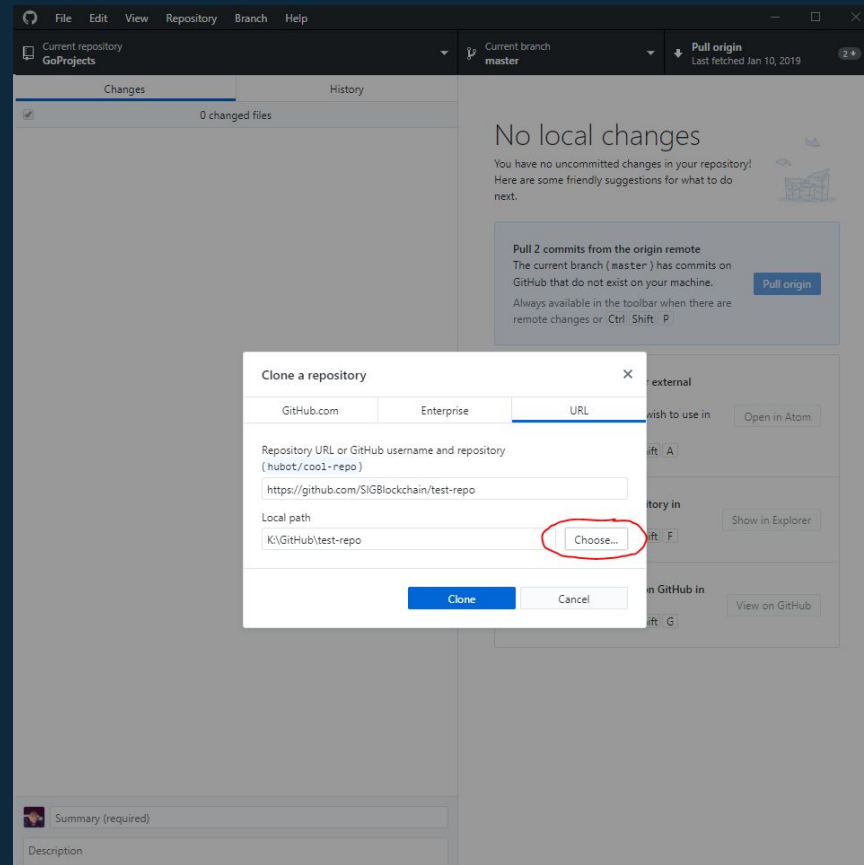
test-repo

Test repository for learning developer procedures and protocols

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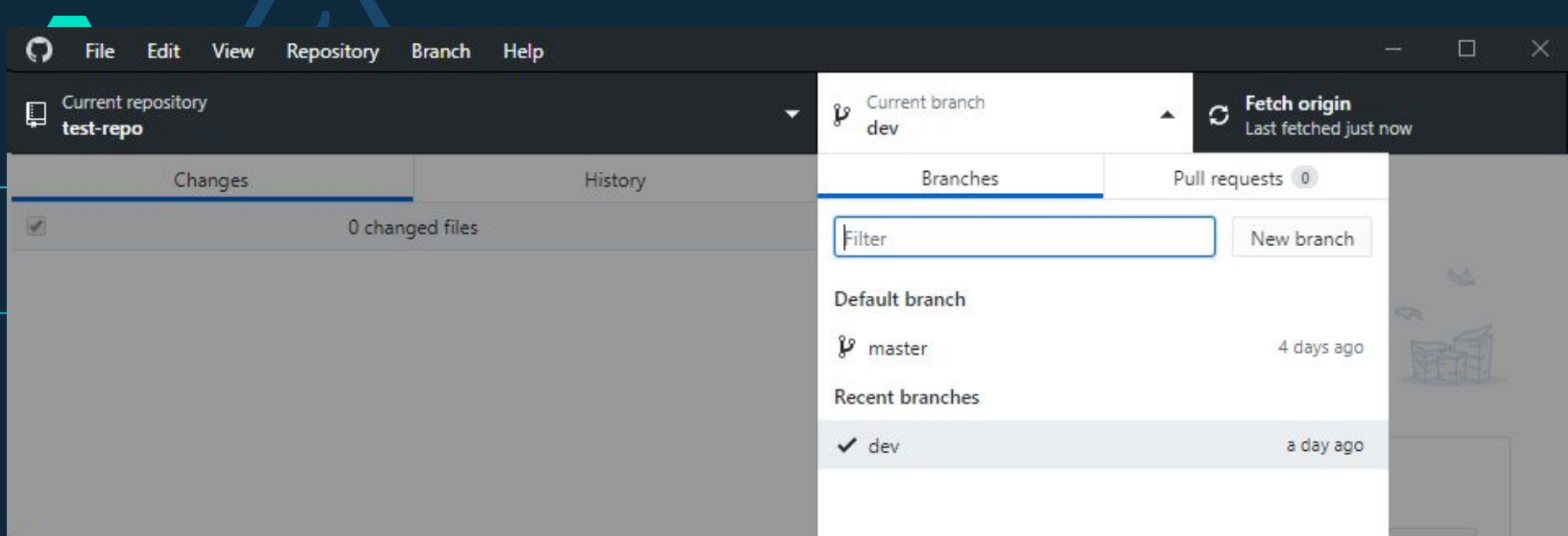
Contact GitHub Pricing API Training Blog About

First clone the project. You will only need to do this step once.

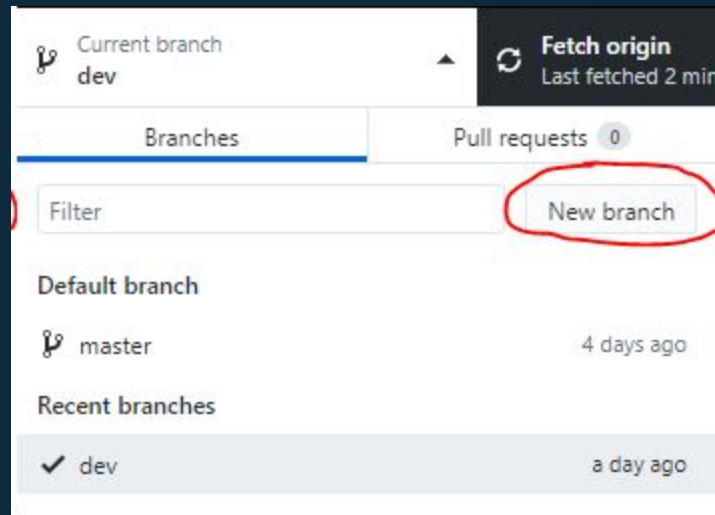


Choose a folder for the project





Select the “dev” branch



Select “New branch” to make your own branch.





### Create a branch

Name

example

Create branch based on...

master

The default branch in your repository. Pick this to start on something new that's not dependent on your current branch.

dev

The currently checked out branch. Pick this if you need to build on work done in this branch.

Create branch

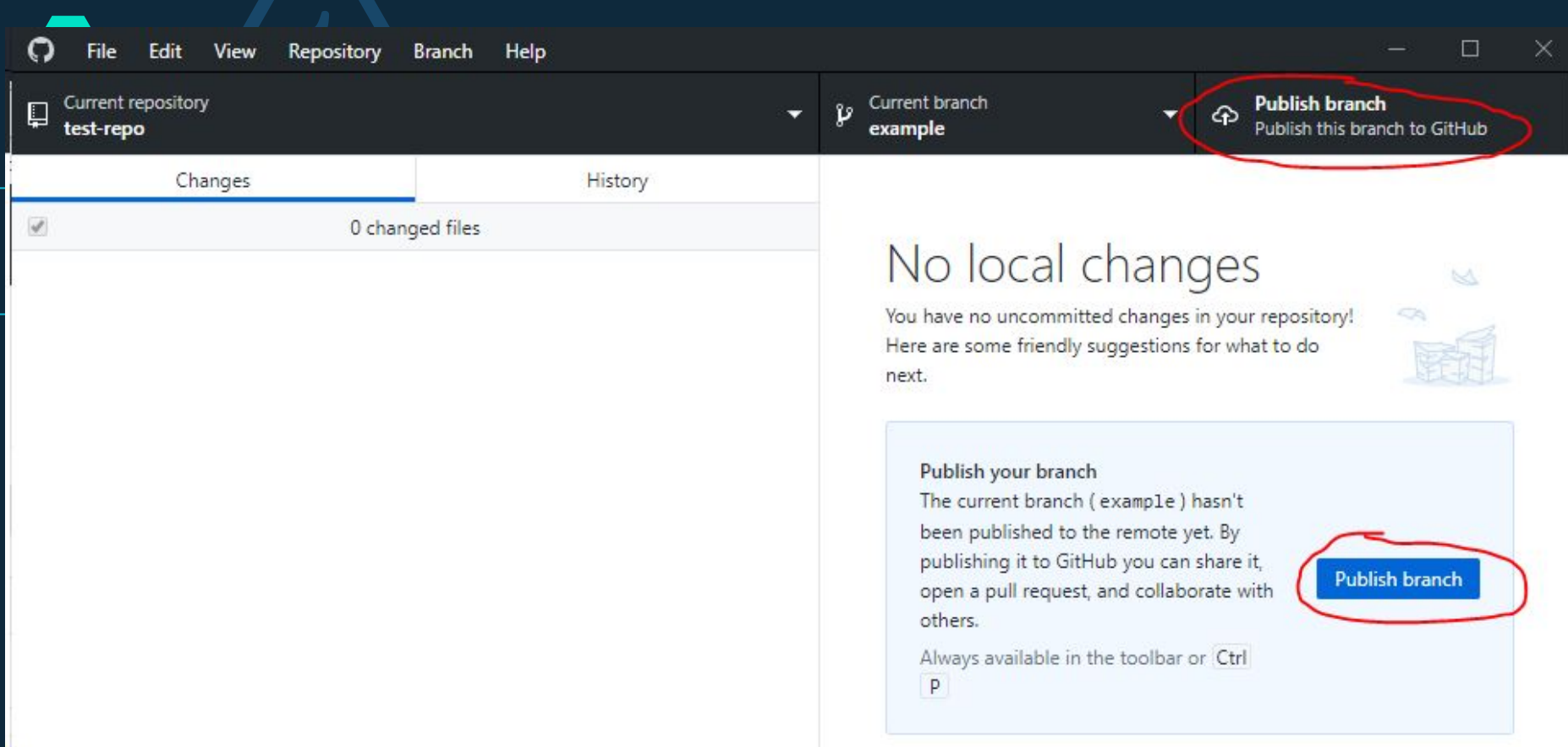
Cancel



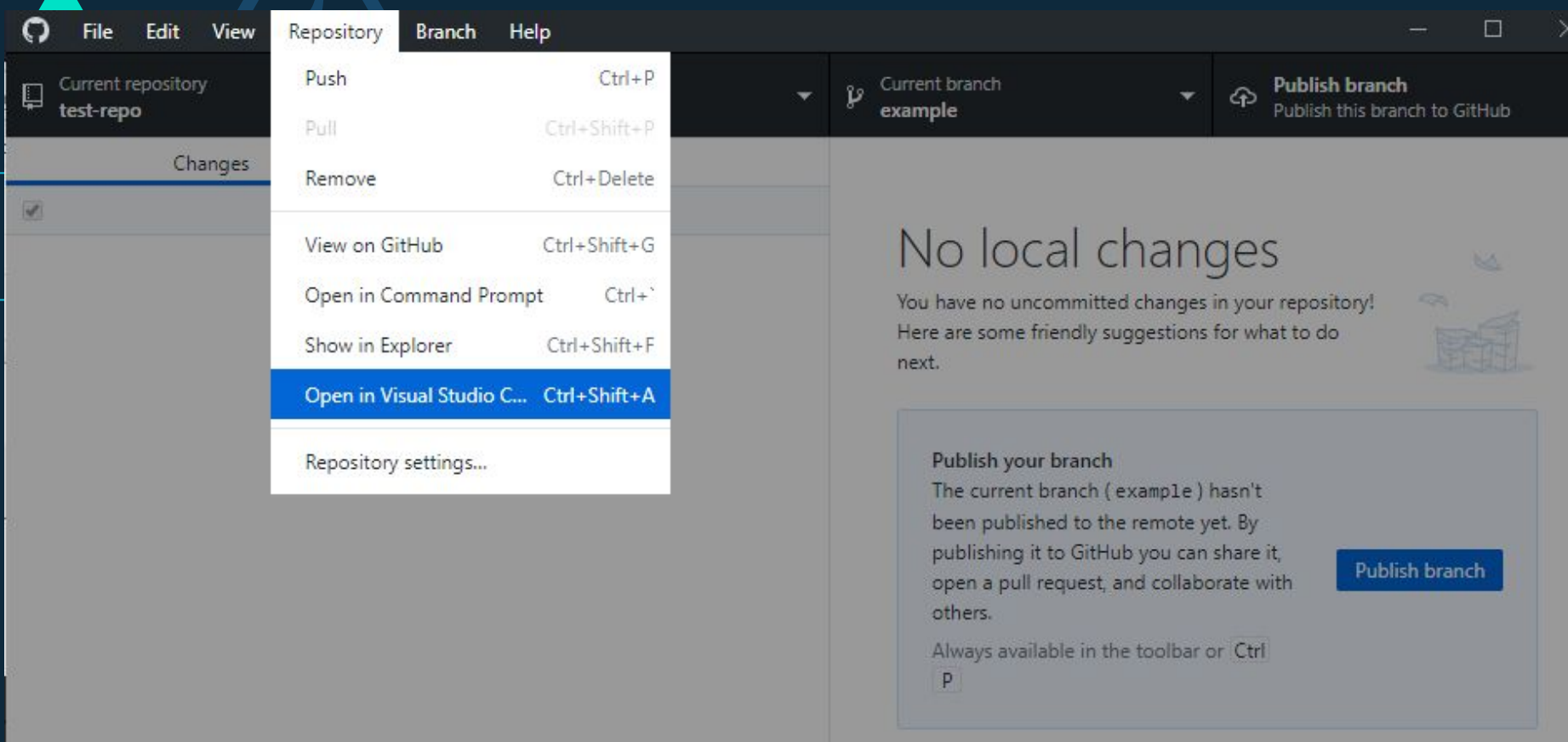
Make sure the branch is based on “dev” and give it a name. Then hit “Create branch”.





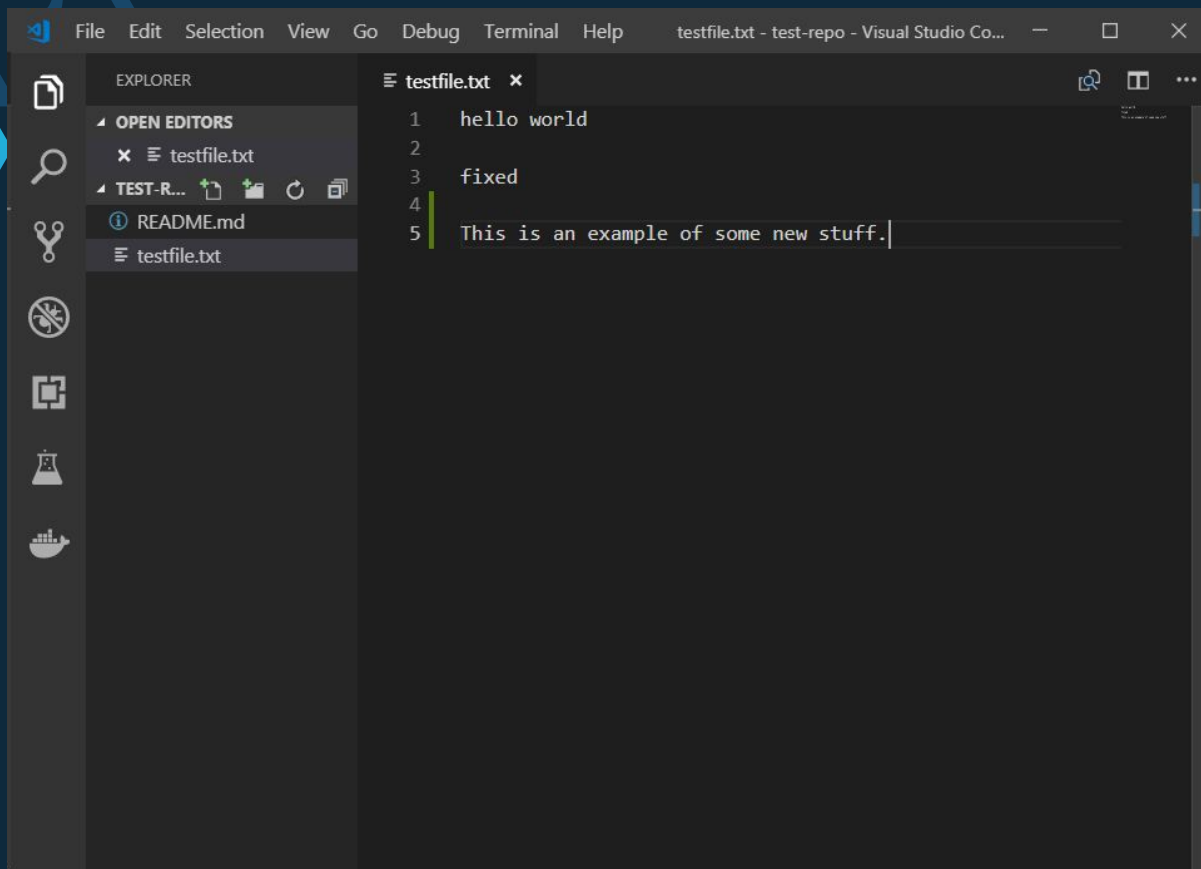


Publish your branch to the repo.  
If permission is denied, inform a CO.

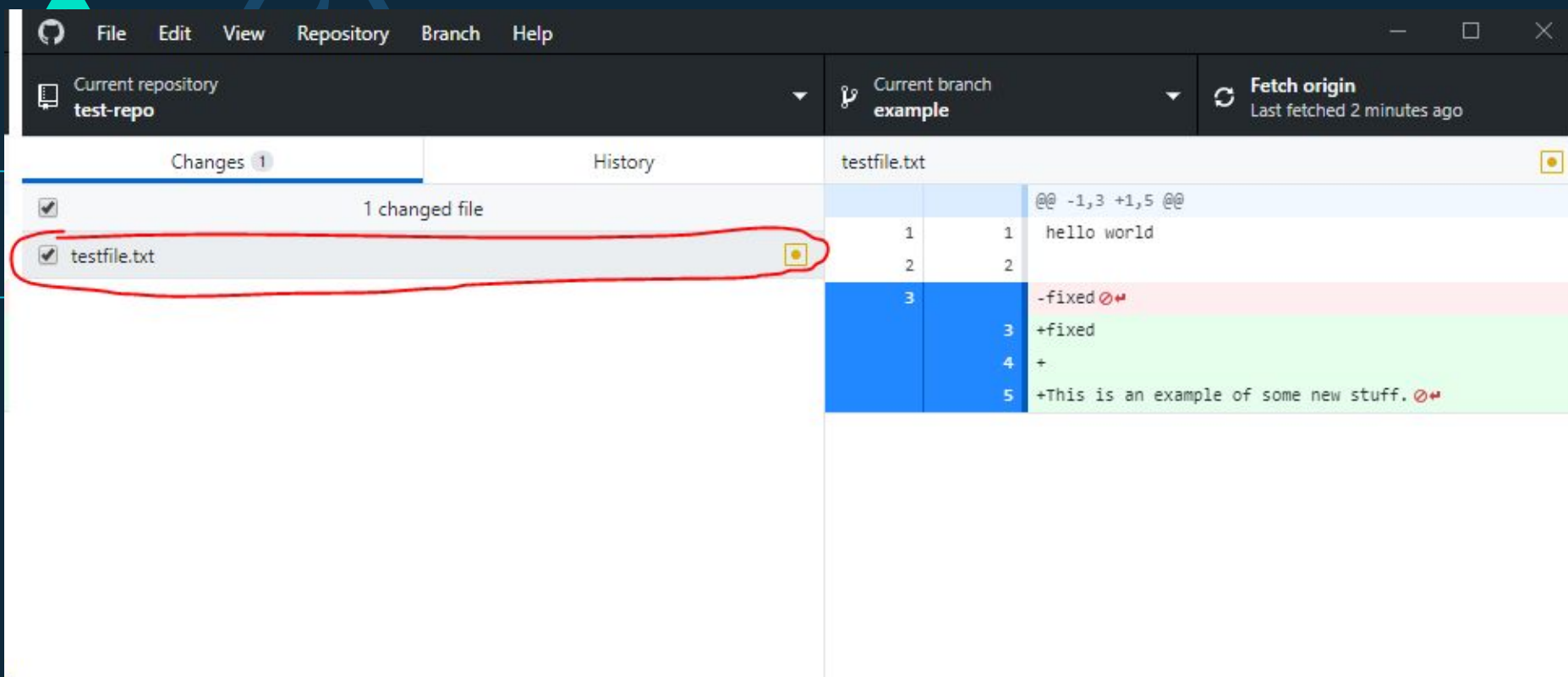


Open the project in your IDE.

You can change between Atom and VSCode in File >> Options >> Advanced >> External Editor




Make your changes. This includes code, unit tests, documentation, etc.




Back in GitHub Desktop, make sure only the appropriate changes are selected.

**Green** means new file, **yellow** means modified file, **red** means deleted file.



 Updated testfile

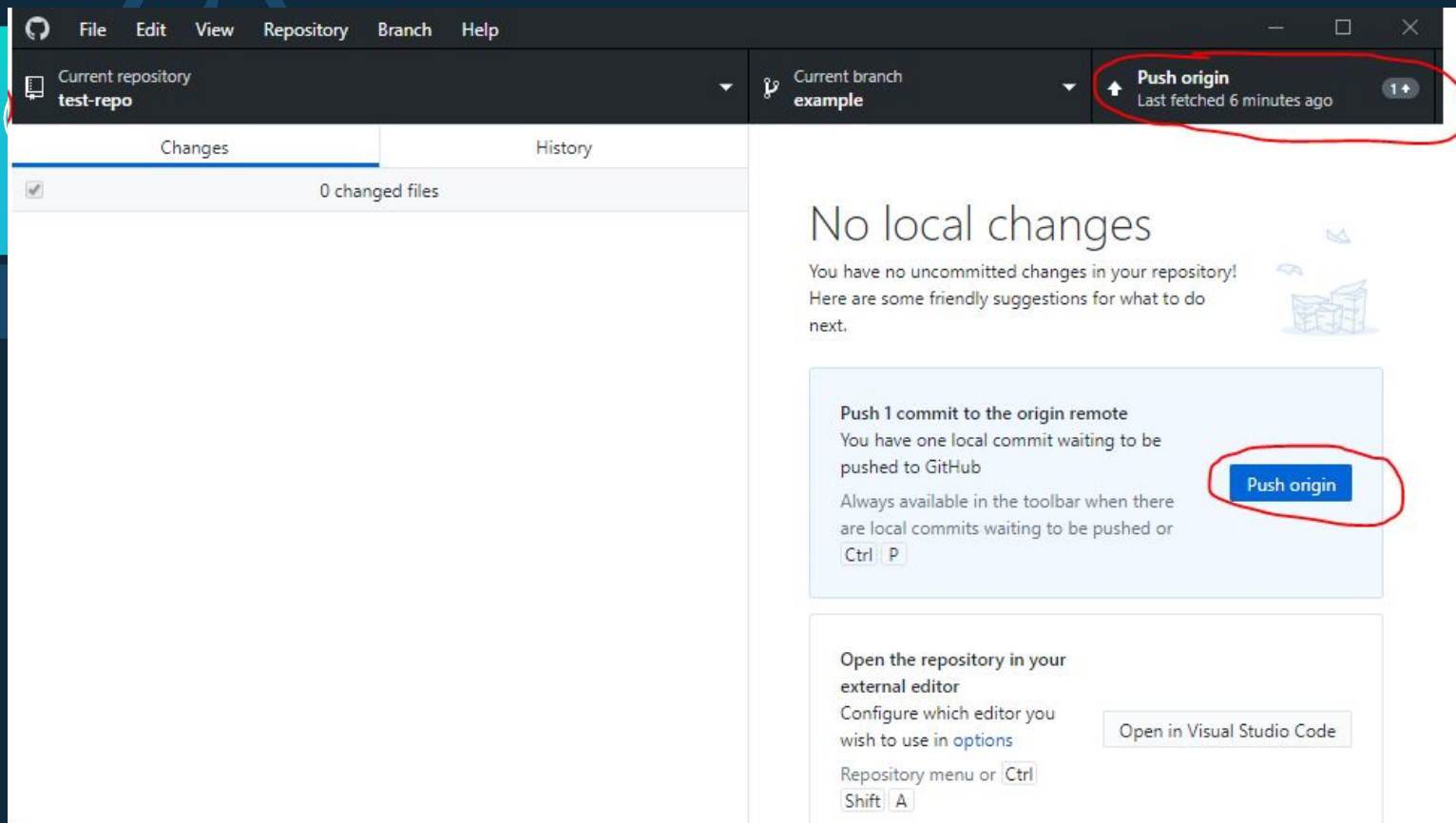
I added a line to show an example of developer procedures|



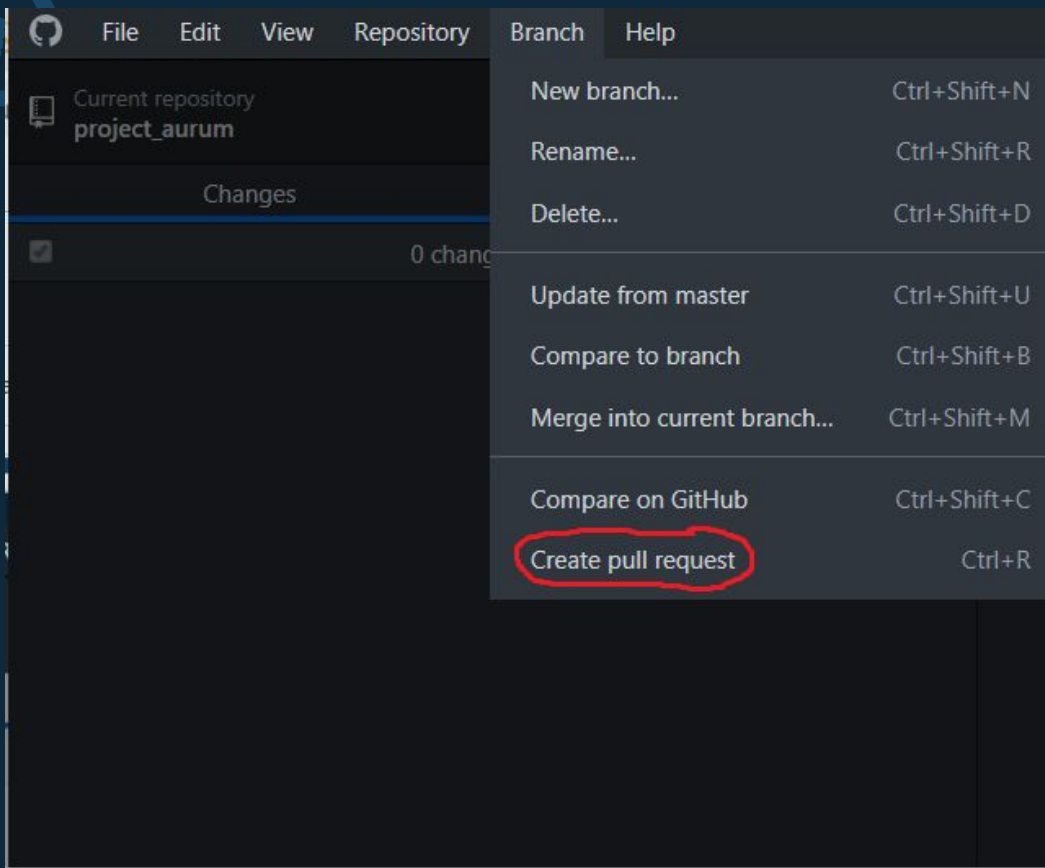
Commit to **example**

Write your commit message in the bottom left hand corner. Include a brief title of what the change is about. In your description, reference which issue you're completing and any instructions, problems, etc. When you're done, hit "Commit to <your\_branch\_name>"





Push the changes to your branch.



Open the Branch tab and select “create pull request”. This will open up your browser.

# 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](#).

base: **dev** ← compare: **example** ✓ **Able to merge.** These branches can be automatically merged.

Choose a base branch

Branch, tag, commit, or history marker

- ✓ dev
- example
- master

AA B i “ < > 🔗 ⋮ ⋮ ✓ @ 🚩 ↶

per procedures.

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

🔗 Styling with Markdown is supported

Create Pull Request

Make sure that the base branch selected is “dev”. Make sure the compare branch is your branch.



# 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](#).



base: dev



compare: example

✓ Able to merge. These branches can be automatically merged.



Updated testfile

Write

Preview

AA B i



I added a line to show an example of developer procedures.

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

Styling with Markdown is supported

Create Pull Request

Hit “Create Pull Request”. This will take you to the Pull Request’s page.



## Updated testfile #3

**Open** kstola2 wants to merge 1 commit into `dev` from `example`

Conversation **0** Commits **1** Checks **0** Files changed **1**

kstola2 commented 9 minutes ago Member + 👤 ...

I added a line to show an example of developer procedures.

Updated testfile 76aa89f

bashbashbash requested changes a minute ago View changes

bashbashbash left a comment Member + 👤 ...

this isn't good enough

Add more commits by pushing to the `example` branch on SIGBlockchain/test-repo.

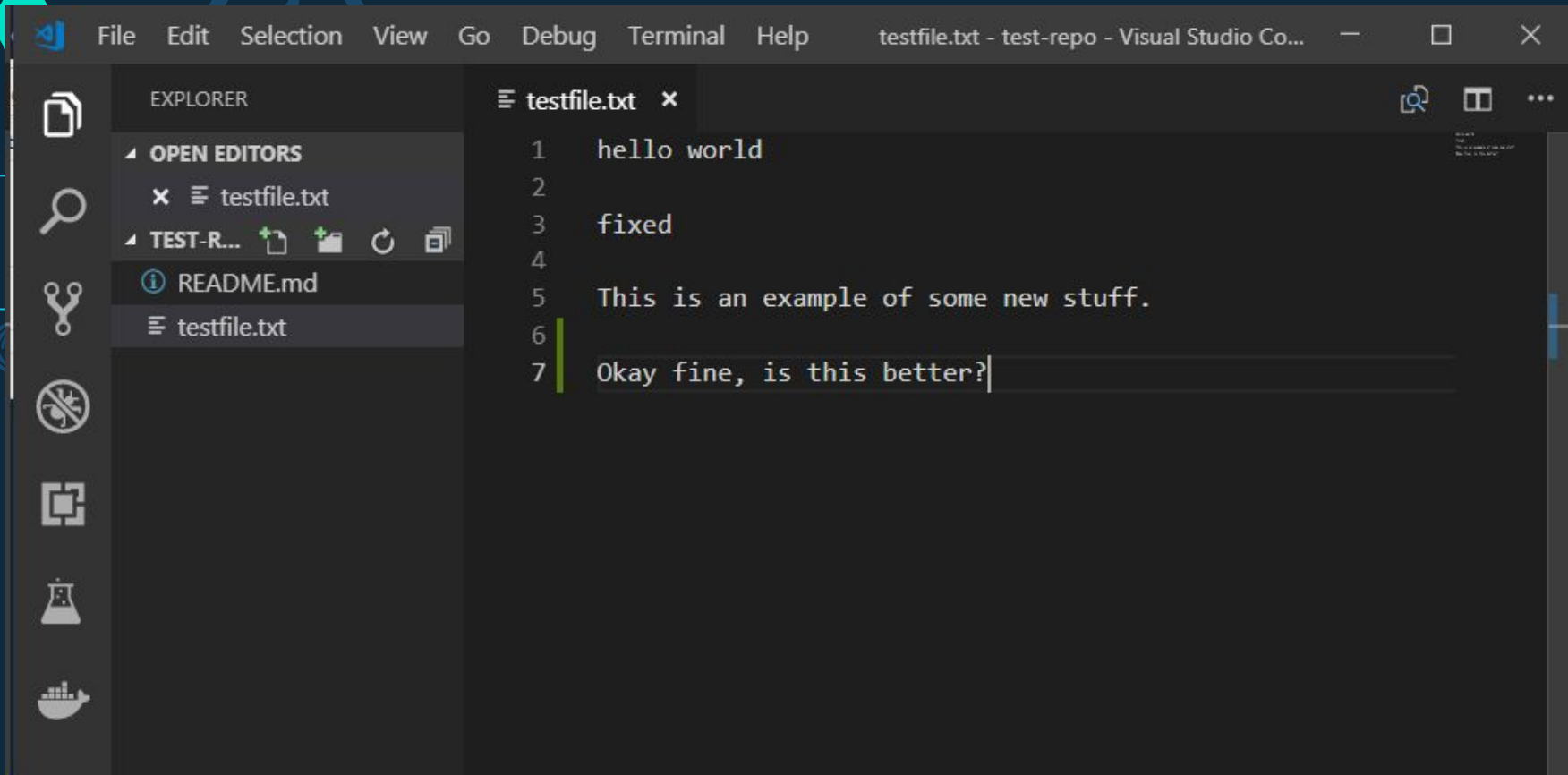
**Changes requested** Hide all reviewers  
1 review requesting changes by reviewers with write access. [Learn more.](#)

**bashbashbash** requested changes See review Dismiss review

**Merging is blocked**  
Merging can be performed automatically once the requested changes are addressed.



Occasionally, a CO will ask that you make some changes to your code if they feel they can't approve the changes yet.



Make the changes, commit and push them once again to your branch.  
No need to make a new Pull request; your original pull request will update with your new changes.



### Updated testfile #3

[Open](#) kstola2 wants to merge 2 commits into `dev` from `example`

Conversation 0 Commits 2 Checks 0 Files changed 1

**kstola2** commented 13 minutes ago Member + 👤 ...

I added a line to show an example of developer procedures.

**Updated testfile** ... 76aa89f

**bashbashbash** requested changes 5 minutes ago View changes

**bashbashbash** left a comment Member + 👤 ...

this isn't good enough

**Fixed it** ... a0662a9

**bashbashbash** approved these changes just now View changes

Add more commits by pushing to the `example` branch on `SIGBlockchain/test-repo`.

**Changes approved** Show all reviewers

1 approving review by reviewers with write access. [Learn more](#).

**Continuous integration has not been set up**

[Several apps](#) are available to automatically catch bugs and enforce style.

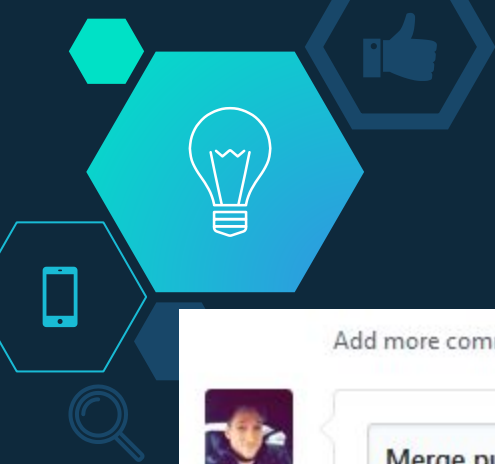
**This branch has no conflicts with the base branch**

Merging can be performed automatically.

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



You should now be able to Merge your pull request.  
Go ahead and hit that sweet green button.



Add more commits by pushing to the **example** branch on SIGBlockchain/test-repo.



Merge pull request #3 from SIGBlockchain/example

Updated testfile

Confirm merge

Cancel

Confirm the merge.





## Updated testfile #3

**Merged** kstola2 merged 2 commits into dev from example just now

Conversation 0 Commits 2 Checks 0 Files changed 1

kstola2 commented 16 minutes ago Member + 👤 ...

I added a line to show an example of developer procedures.

Updated testfile 76aa89f

bashbashbash requested changes 8 minutes ago View changes

bashbashbash left a comment Member + 👤 ...

this isn't good enough

Fixed it a0662a9

bashbashbash approved these changes 3 minutes ago View changes

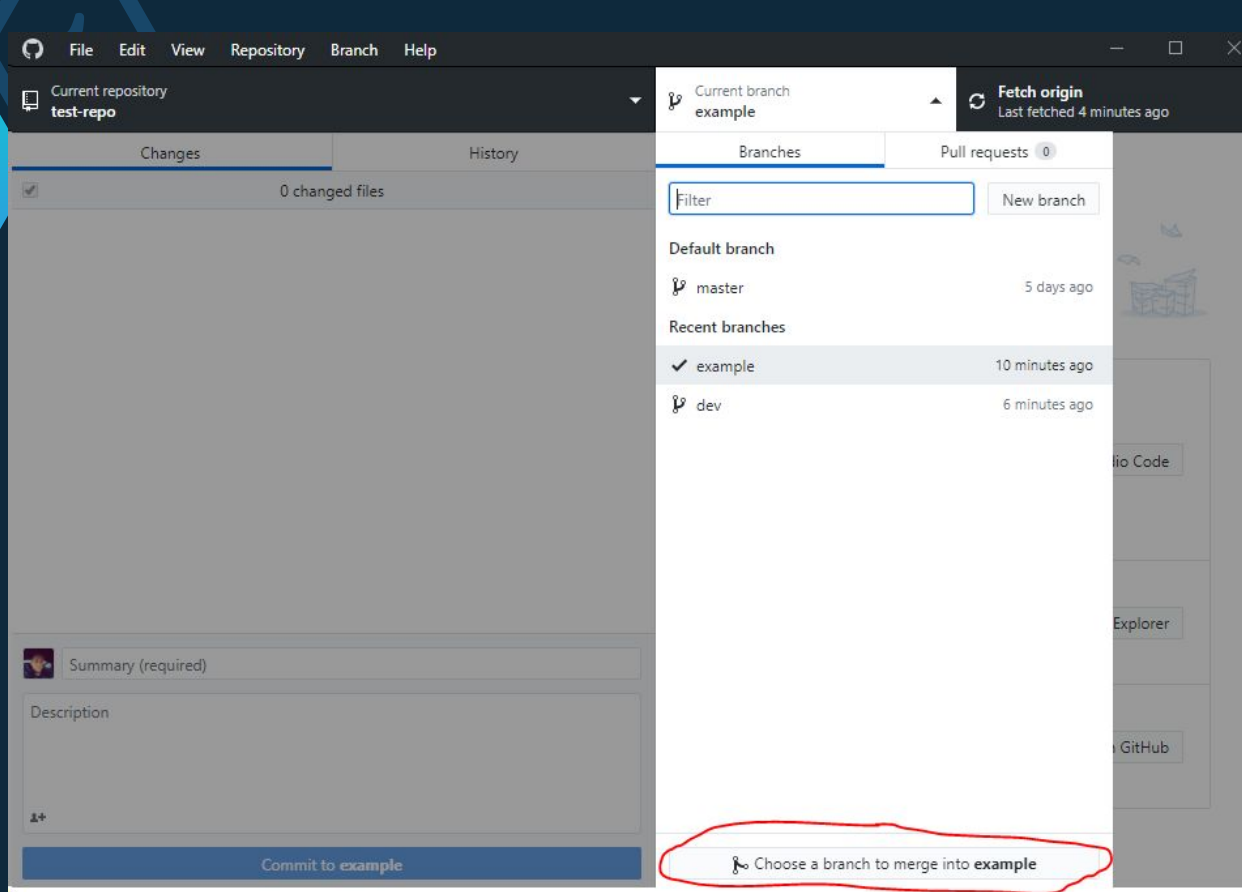
kstola2 merged commit 546b158 into dev just now Revert

**Pull request successfully merged and closed** Delete branch

You're all set—the example branch can be safely deleted.



At this point you can delete your branch.



In the case you choose to keep your branch for future issues, make sure you merge “dev” into your branch each time before you start new changes. There is a small risk of merge conflicts with your branch.



Branches are cheap and deleting/creating them is a lot cleaner. But both methods work fine.