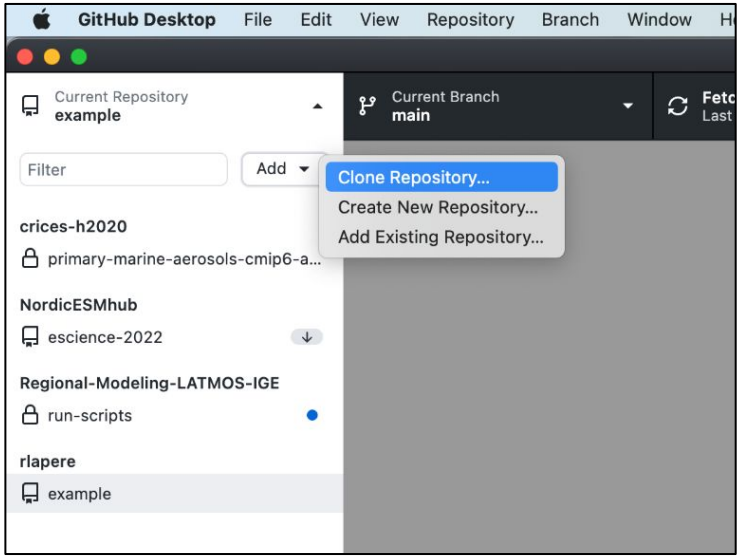
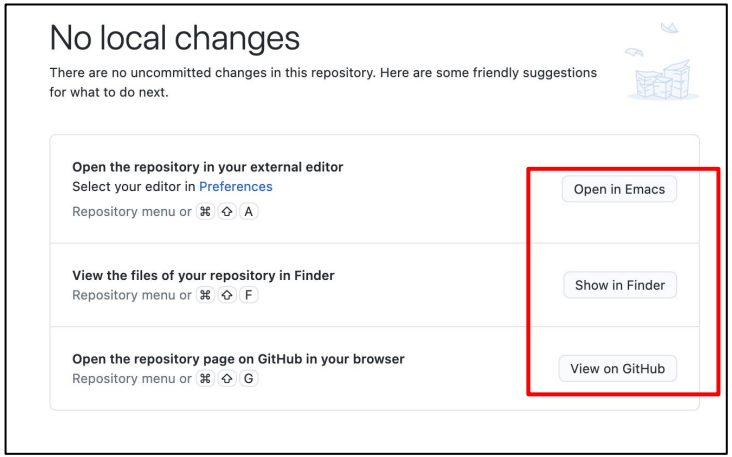
Step 2

1. Open GitHub desktop and sign in
2. Clone the repository https://github.com/rlapere/example.git

=> you now have a local copy of the example repository





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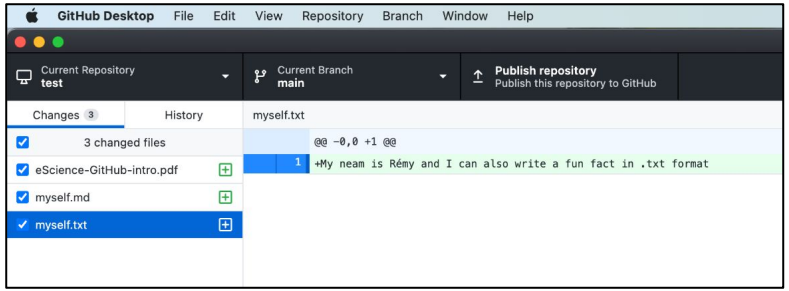
Step 3

1. Create a new repository (same procedure but “create new” instead of clone)
2. Find the directory in your file browser
3. Copy the files from example into your new repository (as you would usually do)



=> you now have your own git repository with example files, BUT GITHUB HAS NO IDEA

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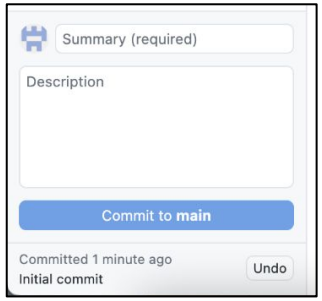
Step 4

1. Commit the changes you made to the directory and say what you did (summary)



=> Now git knows something happened, but still LOCALLY

2. Let the world know you made changes by publishing to GitHub

=> The files you copied should now be in your web GitHub repository

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Step 5

1. Create a new file in your repository (if you dare, make it a pretty Markdown file .txt->.md) with your name and 1 fun fact about you
2. Now the new file is added to the repository, locally (not yet on GitHub)
3. Modify the file as you wish with your favorite text editor (i.e. emacs)
4. Commit these changes and say what you did in the process

You have made your changes “official”, locally (still not on GitHub)

=> you now have a new, modified file, LOCALLY

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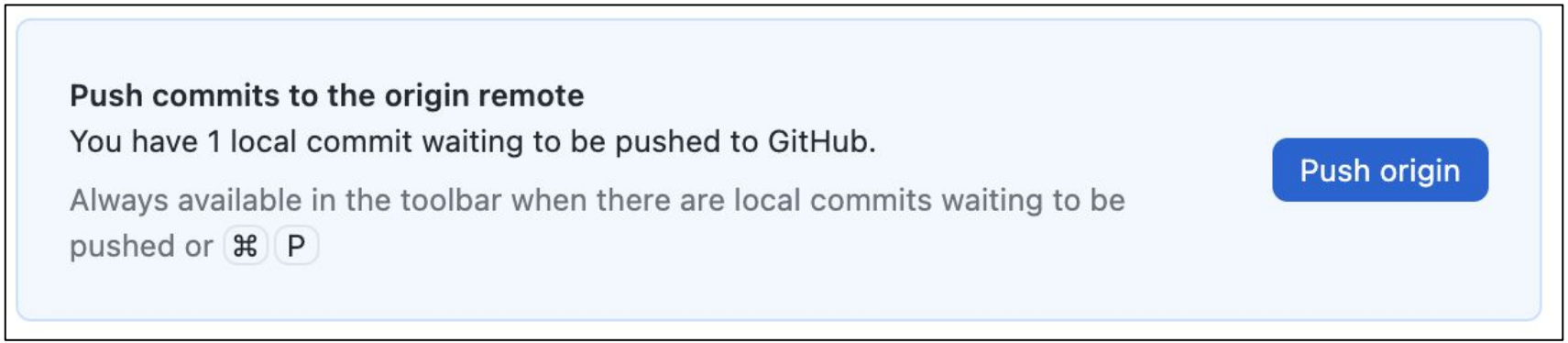
Step 4 again

1. Let git know you made changes



=> The files you created should now be in your GitHub repository

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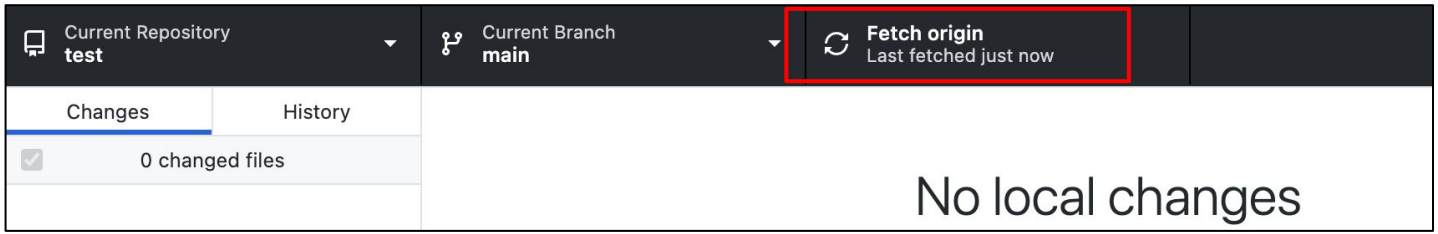
Step 5 the other way around

1. Create a file directly in GitHub web in the repository
2. Observe that is not synced on your local machine
3. Get the last version of the repository locally (fetch)



=> you are up-to-date

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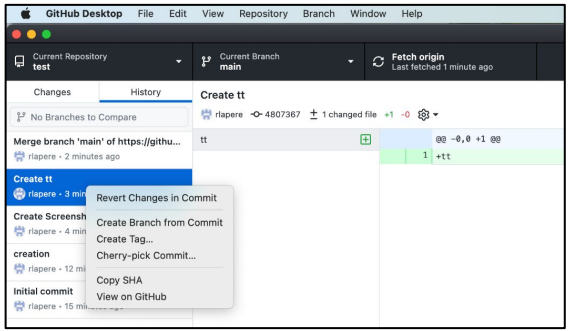
Step 6 (optional) screw up and revert

1. Mess up the file you just worked (very) hard to create (delete things, add silly things…)
2. Commit the change, with a message (you know the drill)
3. Now, realize you messed up and you want to go back to the previous version
4. First look at the history of the changes and identify the guilty commit
5. Revert the commit and push



=> you now have un-screwed up

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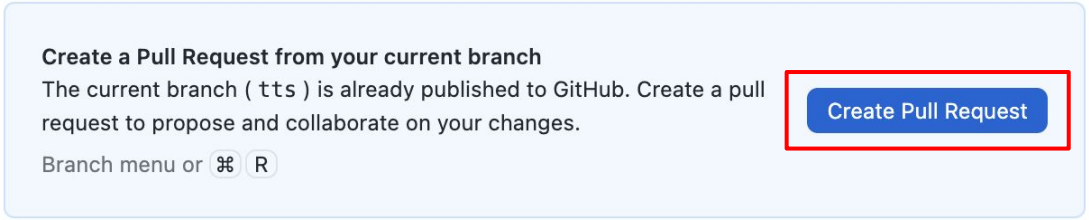
Pull request

Now you want to make changes to my repository and let me know I should integrate them

1. Go to the example repository and create a new branch
2. Copy the file you created earlier here
3. Push it to github
4. Create a pull request to let me know you want to add your contribution to my project



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