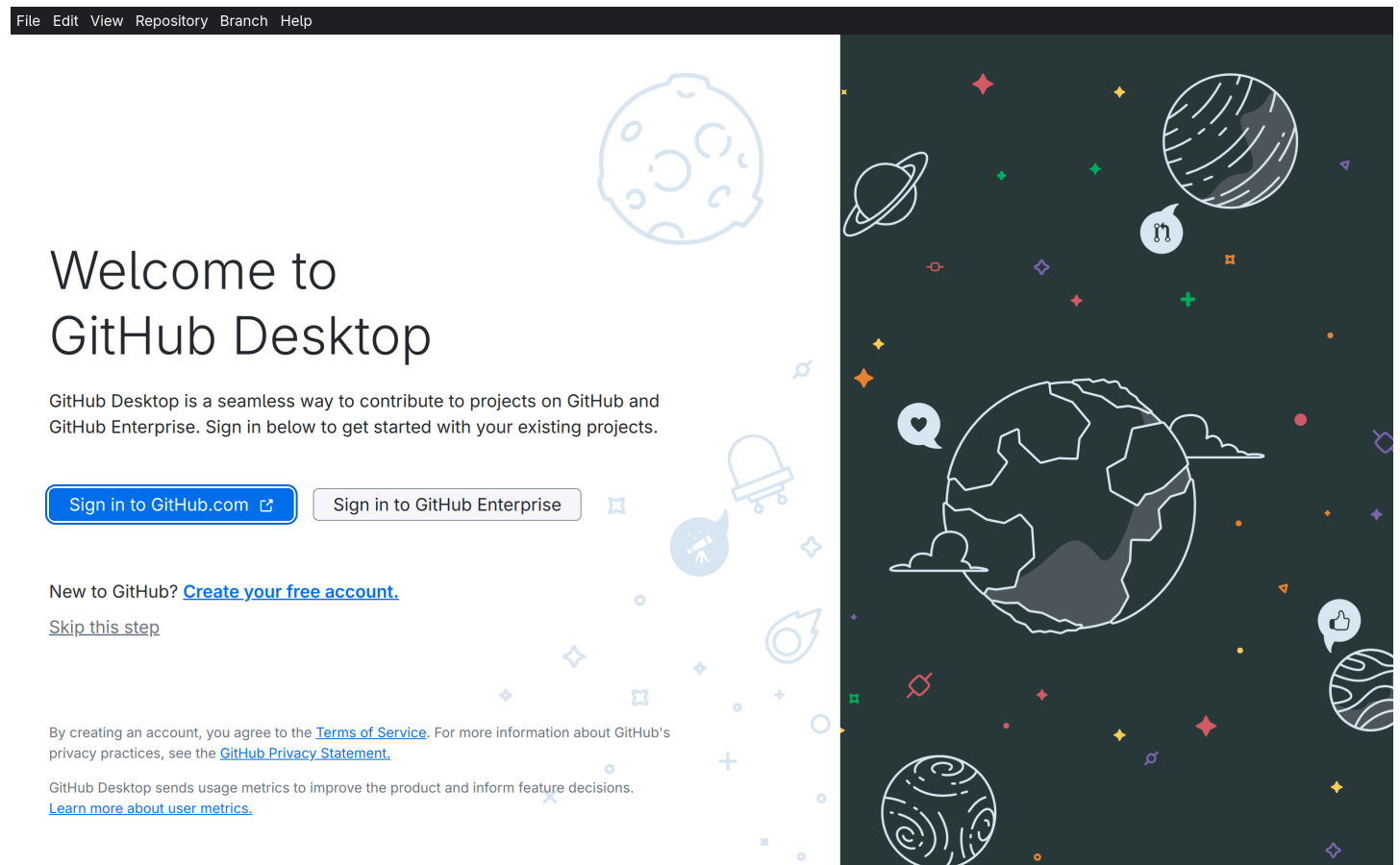


# A tutorial onion to use GitHub Desktop

Note: This is not the optimal way of using git or github, but it simplifies the process a lot. In an ideal condition you will use your IDE instead of this App which may be VScode or any other Development Environment you use.

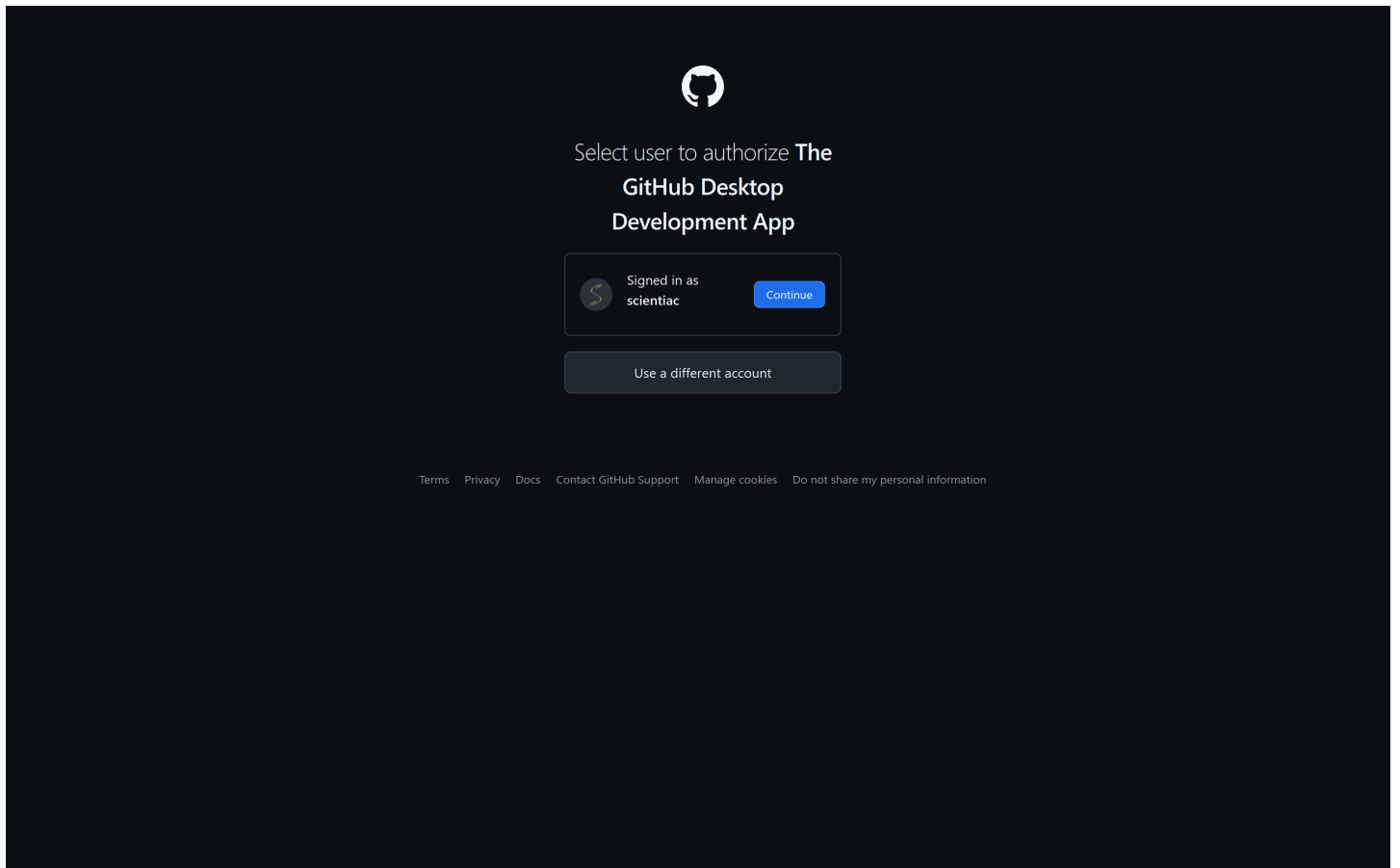
**Make a github account first by going to [github.com](https://github.com) or from the App itself.**

**Open the Github Desktop App and Sign In.**



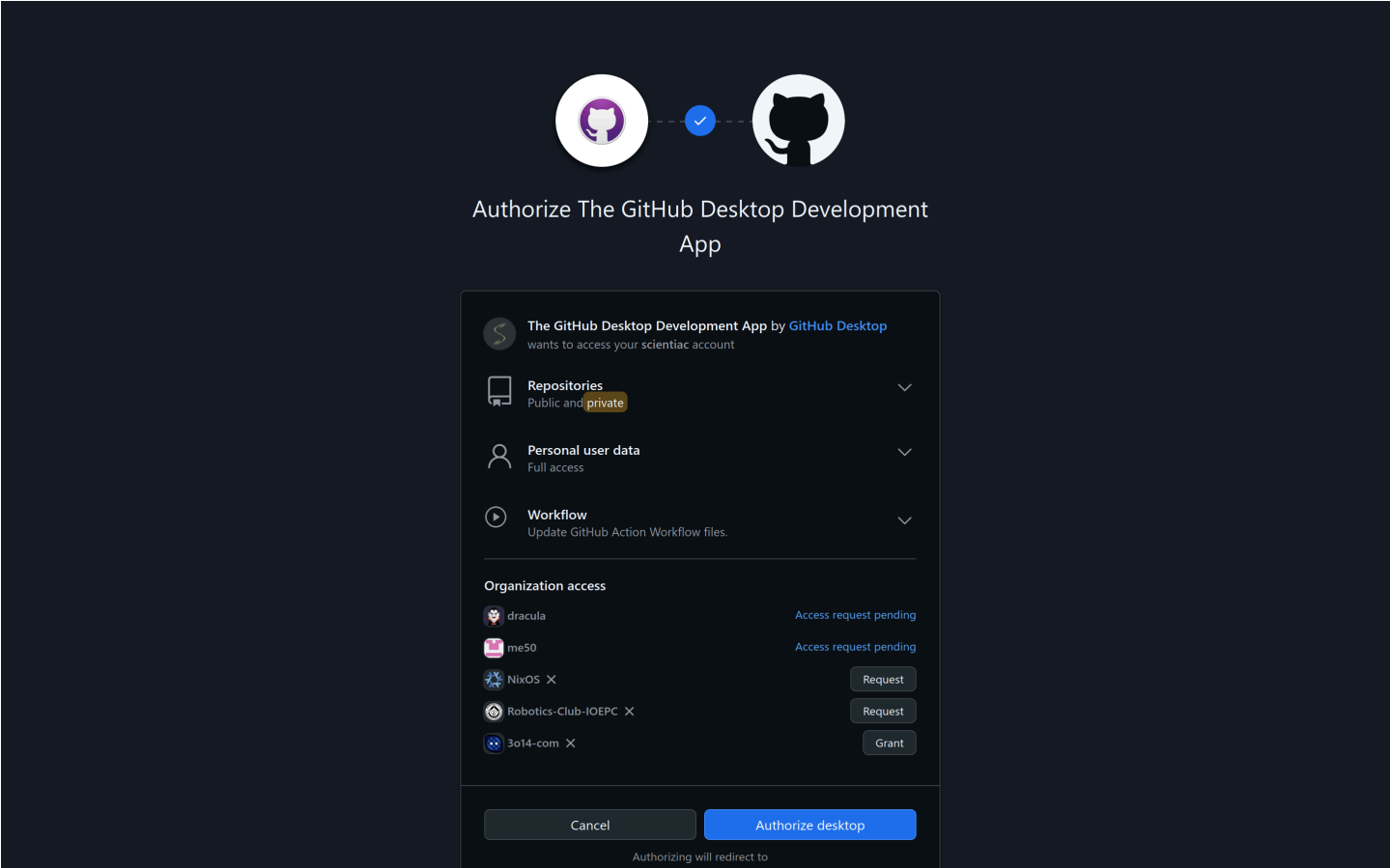
**Authorize your user by clicking continue.**

**This is a browser window that gets automatically opened by github desktop app.**



# Authorize the Desktop App.

Your screen will not have any option for Organization Access.



If it asks, put your authentication code.



## Confirm access



Signed in as @scientiac



### Authentication code ⓘ

Verify

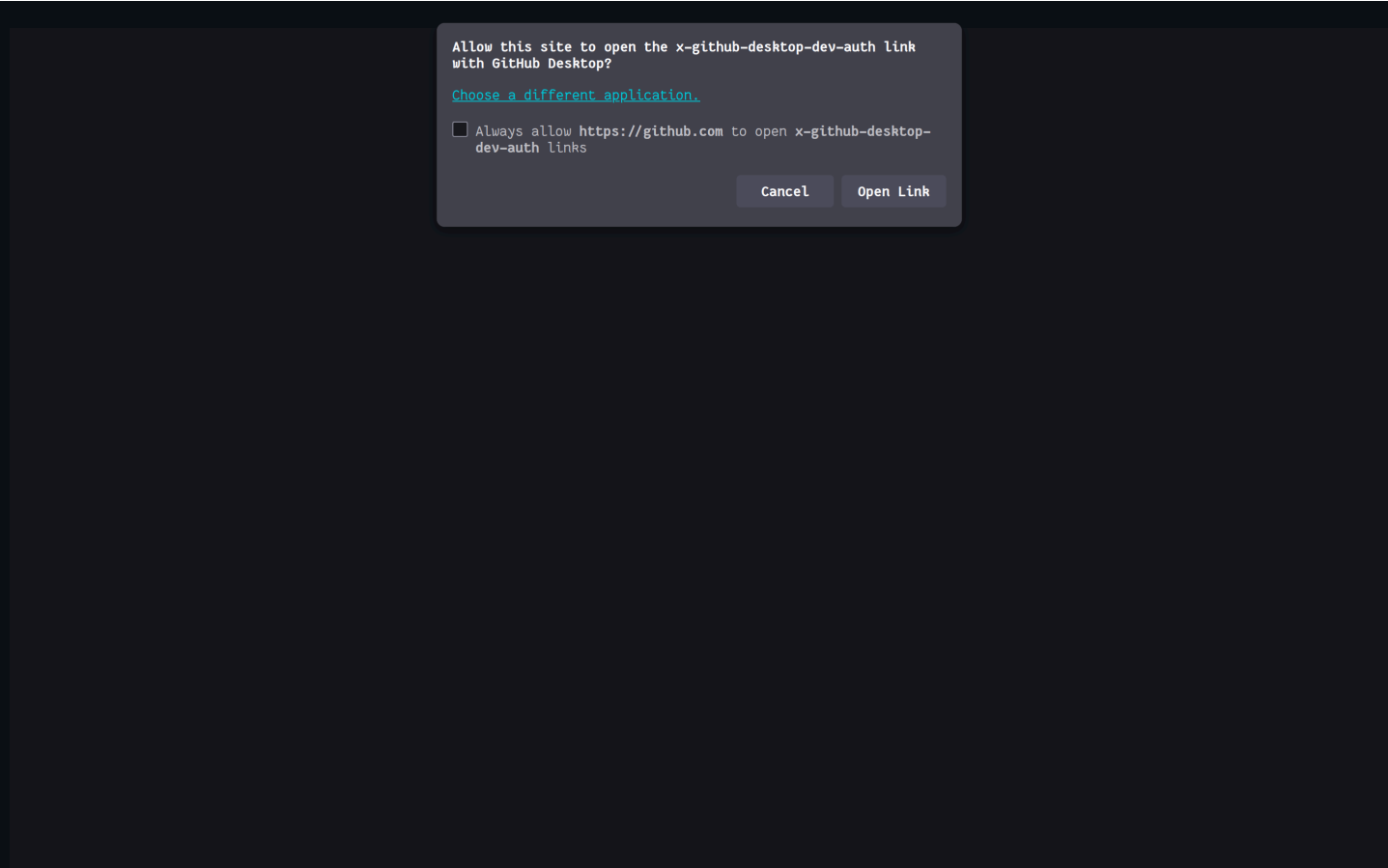
Open your two-factor authenticator (TOTP) app or browser extension to view your authentication code.

#### Having problems?

- [Use your password](#)

Tip: You are entering [sudo mode](#). After you've performed a sudo-protected action, you'll only be asked to re-authenticate again after a few hours of inactivity.

# Browser redirects you to the GitHub Desktop App.



# Then you click on finish

File Edit View Repository Branch Help

## Configure Git

This is used to identify the commits you create. Anyone will be able to see this information if you publish commits.

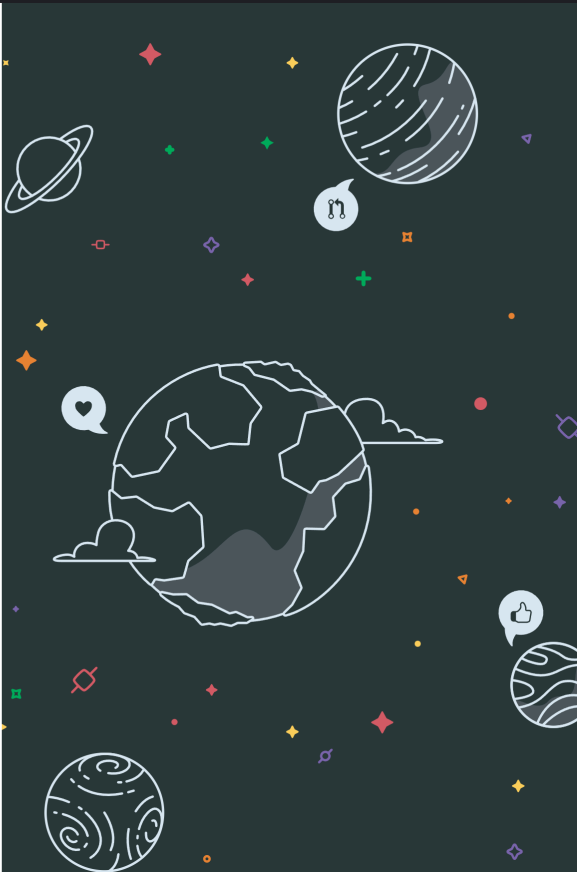
- ☒ Use my GitHub account name and email address
- ☐ Configure manually

Name  
scientiac

Email  
58177655+scientiac@users.noreply.github.com

Finish Cancel

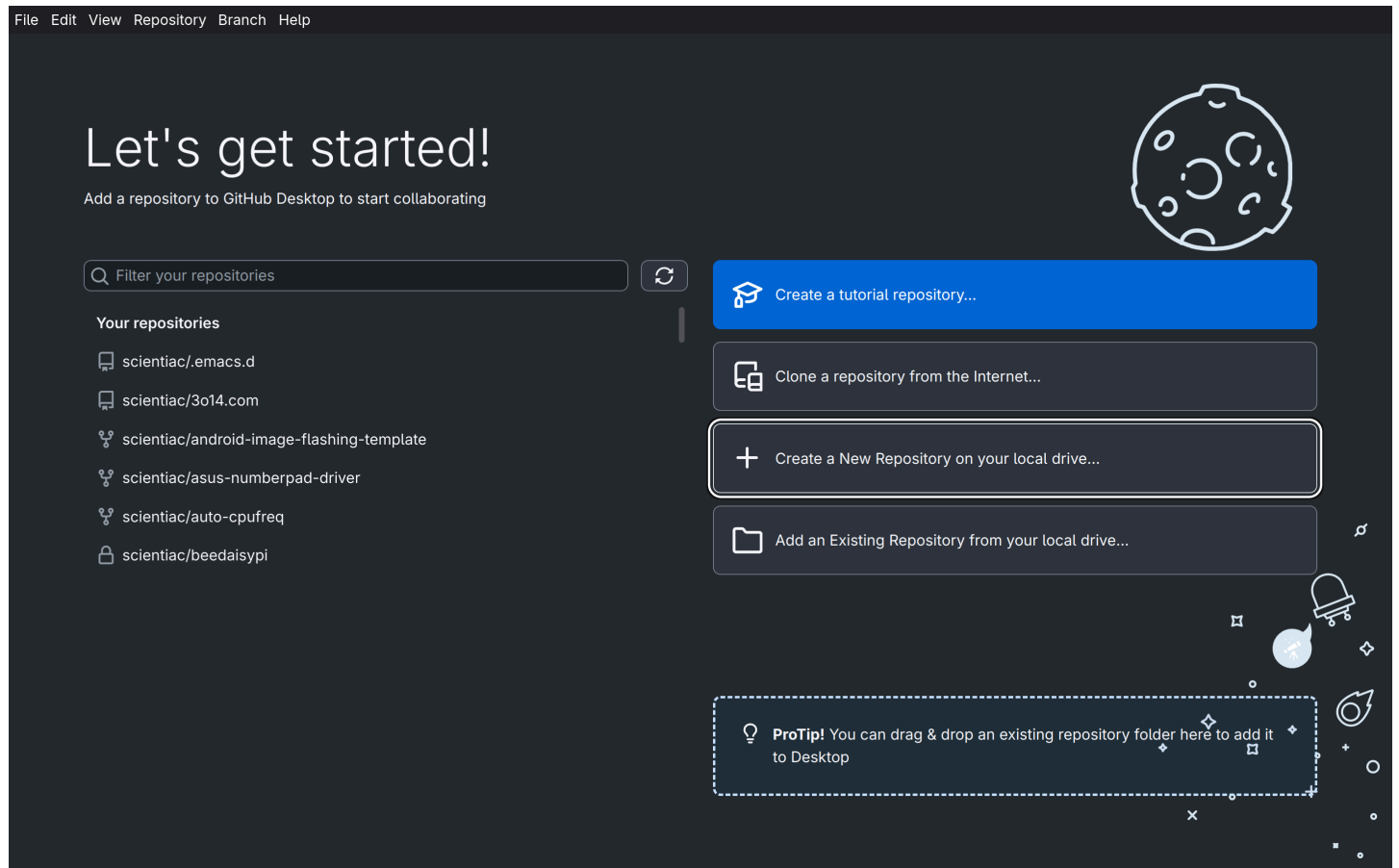
Example commit  
**Fix all the things**  
scientiac • 30 minutes ago



Click on create a new repository on your local drive.

This is where the things you track are put on your computer.

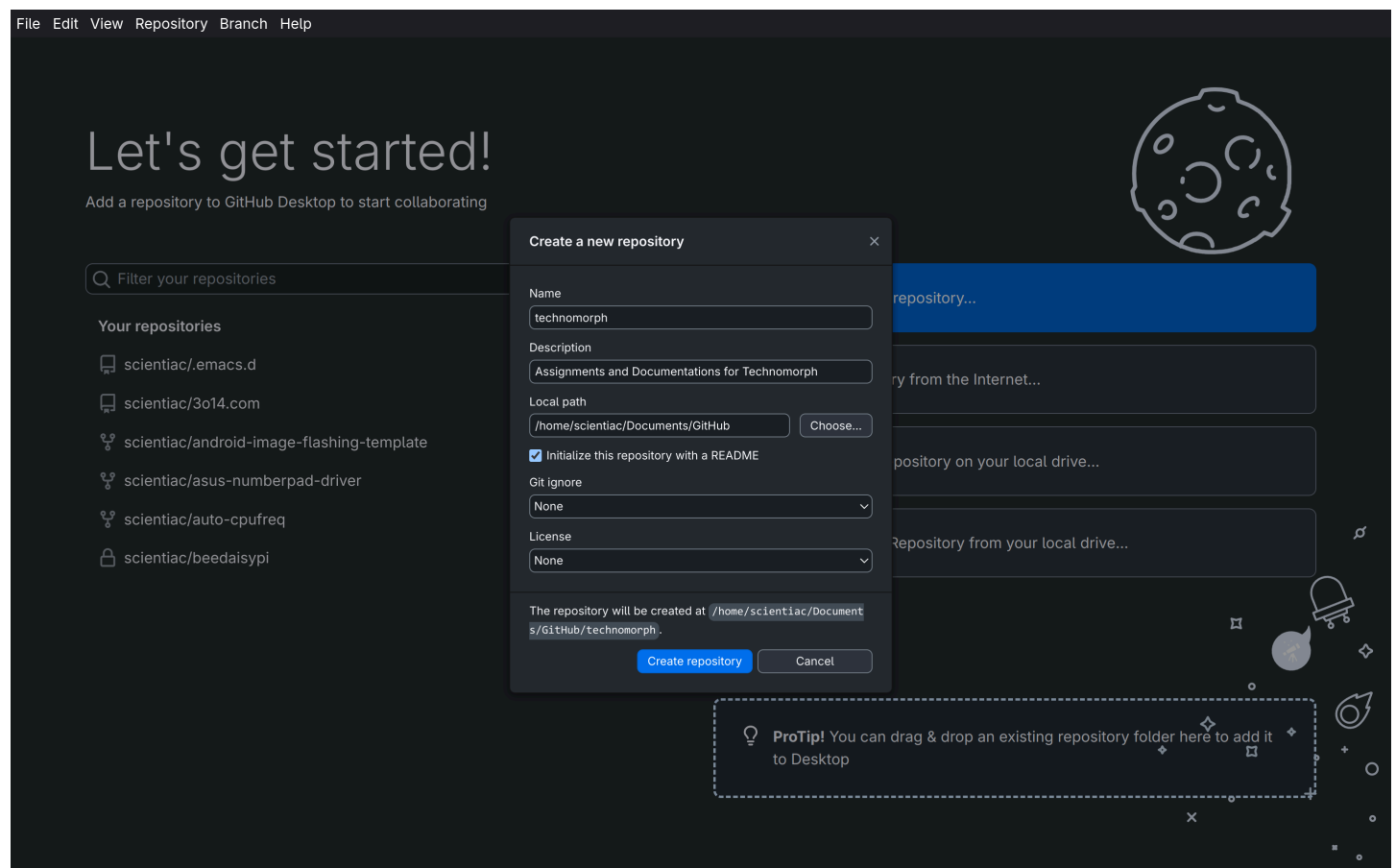
(I recommend learning about the app by creating a tutorial repository.)



Fill in the details and initialize the repository with a README.

You don't need to put anything on gitignore and license for now.

Then, on the next screen, click on publish repository.





# Uncheck the Keep this code private checkbox before publishing the repository.

FileEditViewRepositoryBranchHelp

Current repository  
technomorph

Current branch  
main

Publish repository

Publish this repository to GitHub

Changes

History

0 changed files

Summary (required)

Description

Commit to main

Committed just now  
Initial commit

Undo

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Publish your repository to GitHub

This repository is currently only available on your local machine. By publishing it on GitHub you can share it, and collaborate with others.

Publish repository

Open in Neovim

Show in your File Manager

Publish repository

Cancel

# You will see, “No Local Changes”

To add your PDF you created, click on “Show in your File Manager” button.

FileEditViewRepositoryBranchHelp

Current repository  
technomorph

Current branch  
main

Fetch origin  
Last fetched just now

ChangesHistory

0 changed files

Summary (required)

Description

Commit to main

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or `Ctrl + Shift + A`

Open in Neovim

View the files of your repository in your File Manager

Repository menu or `Ctrl + Shift + F`

Show in your File Manager

Open the repository page on GitHub in your browser

Repository menu or `Ctrl + Shift + G`

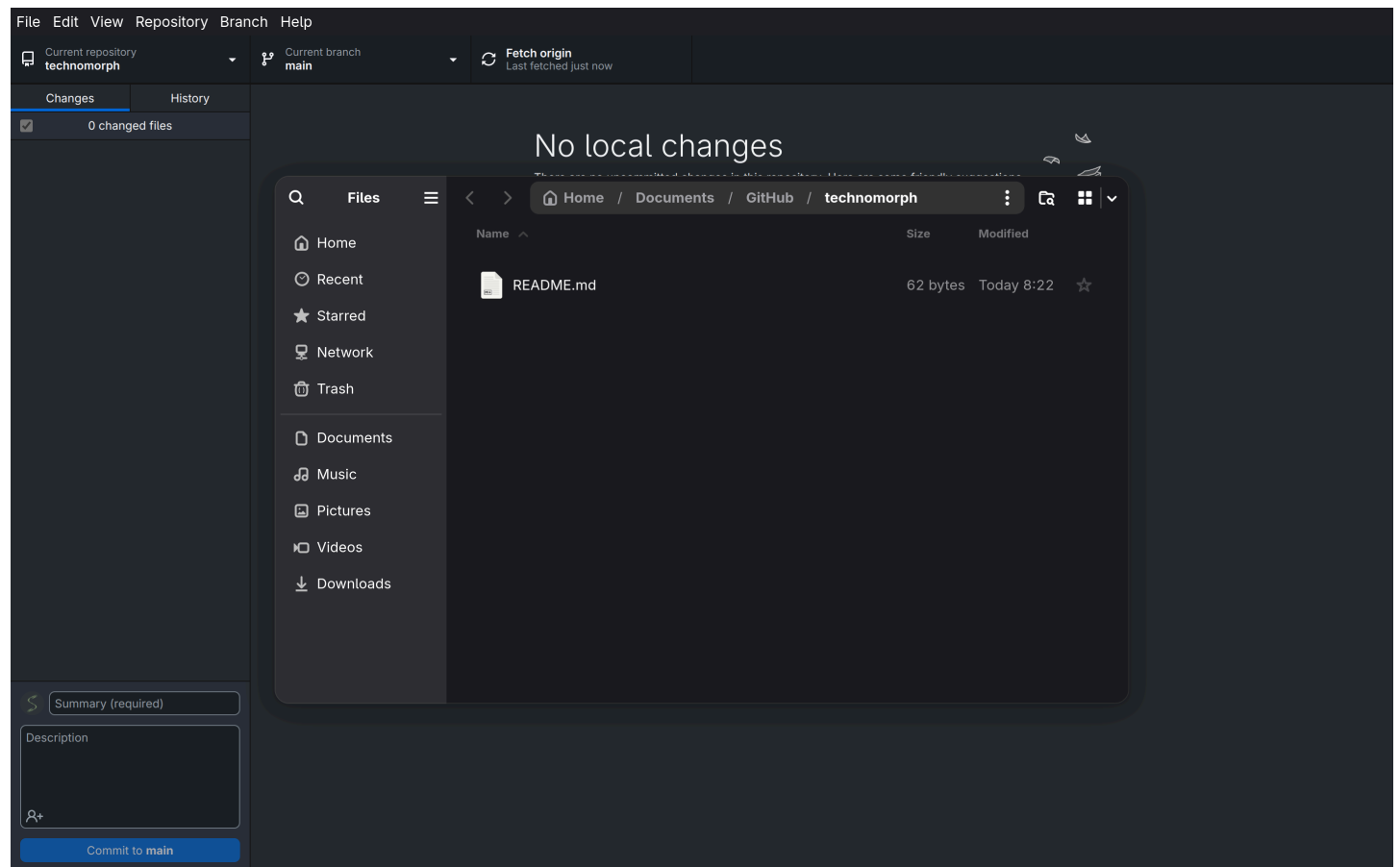
View on GitHub

**Your file manager pops up with the README.md.**

**This is where you put the files you want to track.**

**Put the PDF you created in this folder.**

**Everything you put in this folder will be uploaded to github publicly so don't put anything like your Password list or Keys in this folder.**



# I have put my PDF in the folder.

FileEditViewRepositoryBranchHelp

Current repository  
technomorph

Current branch  
main

Fetch origin  
Last fetched 3 minutes ago

Changes

History

0 changed files

Summary (required)

Description

Commit to main

No local changes

Files

Home / Documents / GitHub / technomorph

Name	Size	Modified
README.md	62 bytes	Today 8:22
spandan-guragain-pur078bct086.pdf	260.1 kB	Yesterday 11:54

"spandan-guragain-pur078bct086.pdf" selected (260.1 kB)

Now, in the github app, I can see that it shows my PDF as a binary file.

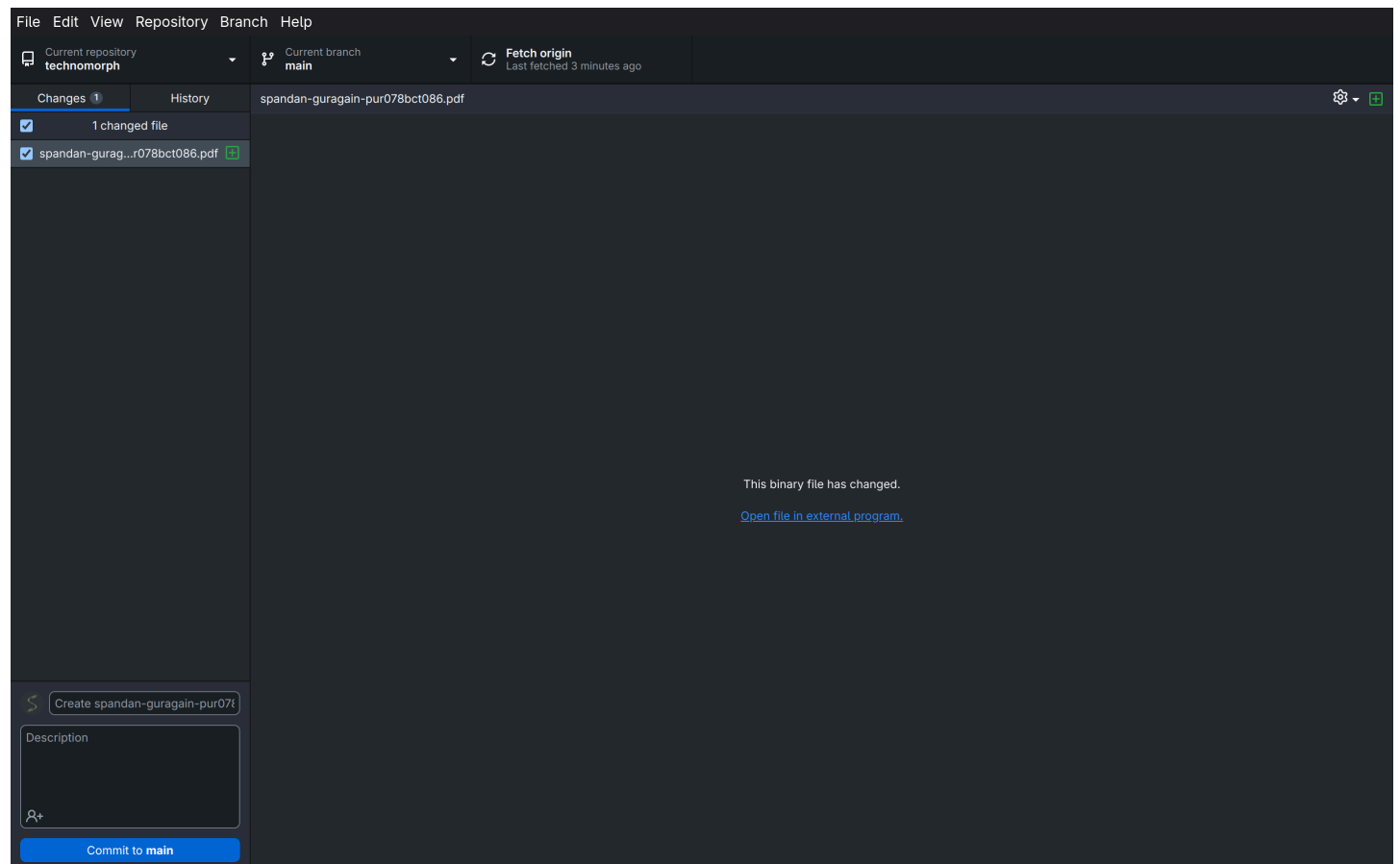
On the left side panel, everything(The PDF file) is ticked

You can see two text-boxes on the bottom-left where you write your commit messages.

Commit messages are the messages you write when you change something in the thing you are tracking. So, write what you changed there.

The small box should have the short summarized version of what you changed.

The bigger box should have the detailed description of things you have changed.



Here I have updated the text-boxes with the commit messages.

Then click “Commit to Main”

Main is the name of the branch you are working on. When you commit you are saying the software that what you changed is something you want to save in case (It is in the working condition) you want to revert it back to this version. It is a snapshot of that file.

FileEditViewRepositoryBranchHelp

Current repository

technomorph

Current branch

main

Fetch origin

Last fetched 4 minutes ago

Changes1

History

spandan-guragain-pur078bct086.pdf

1 changed file

spandan-gurag...r078bct086.pdf

Uploading the PDF

I make the PDF with typst. It only includes the template of the report.

Commit to main

## Click on Push Origin

This pushes the things you just committed to github. And you can now access the files from the GitHub `github.com` website.

↑


Push origin  
Last fetched 5 mi...

1 ↑

▼

# No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.



**Push commits to the origin remote**  
You have 1 local commit waiting to be pushed to GitHub.  
Always available in the toolbar when there are local commits waiting to be pushed or **Ctrl + P**

Push origin

**Open the repository in your external editor**  
Select your editor in [Options](#)  
Repository menu or **Ctrl + Shift + A**

Open in Neovim

**View the files of your repository in your File Manager**  
Repository menu or **Ctrl + Shift + F**

Show in your File Manager

**Open the repository page on GitHub in your browser**  
Repository menu or **Ctrl + Shift + G**

View on GitHub

If you navigate to your github account on the web browser.

It will be on <https://github.com/<your username>/<your repository name>>.

For me it is on <https://github.com/scientiac/technomorph>

This is the Link you need to put on the submission form.

The screenshot shows the GitHub repository page for **scientiac / technomorph**. The repository is public and has 0 stars, 0 forks, and 0 watchers. The main branch is **main**, and there is 1 branch and 0 tags. The repository contains the following files:

File	Commit	Time
<code>.gitattributes</code>	Initial commit	6 minutes ago
<code>README.md</code>	Initial commit	6 minutes ago
<code>spandan-guragain-pur078bct086.pdf</code>	Uploading the PDF	now

The **README** file is selected, showing the title **technomorph** and the description **Assignments and Documentations for Technomorph**. The right sidebar contains the **About** section with links to Readme, Activity, Stars, Watching, and Forks. Below this are the **Releases** and **Packages** sections, both indicating no published items.

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