

AI 융합 설계2

- Github Manual -

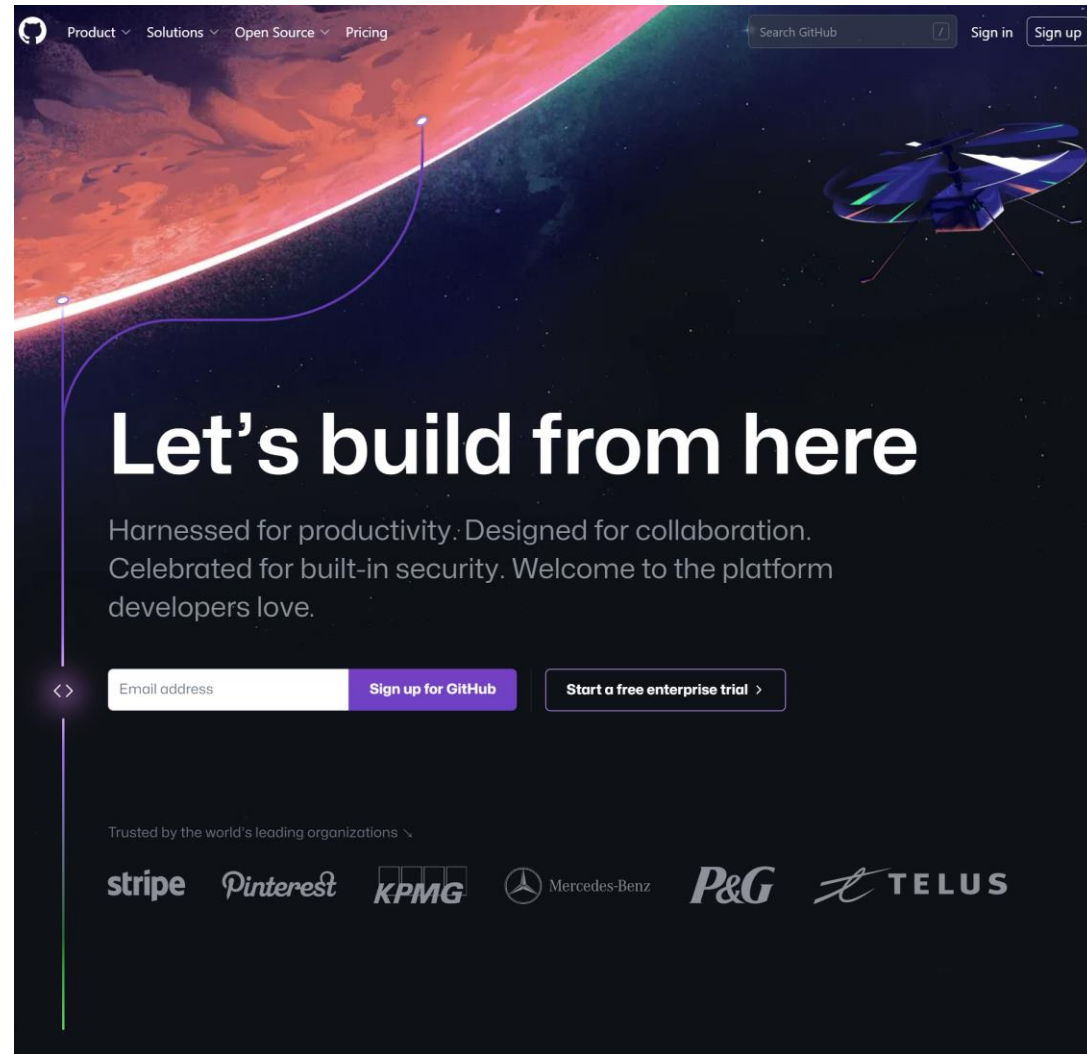
Github

<https://github.com/>

소스코드, 프로그램, 파일관리
플랫폼

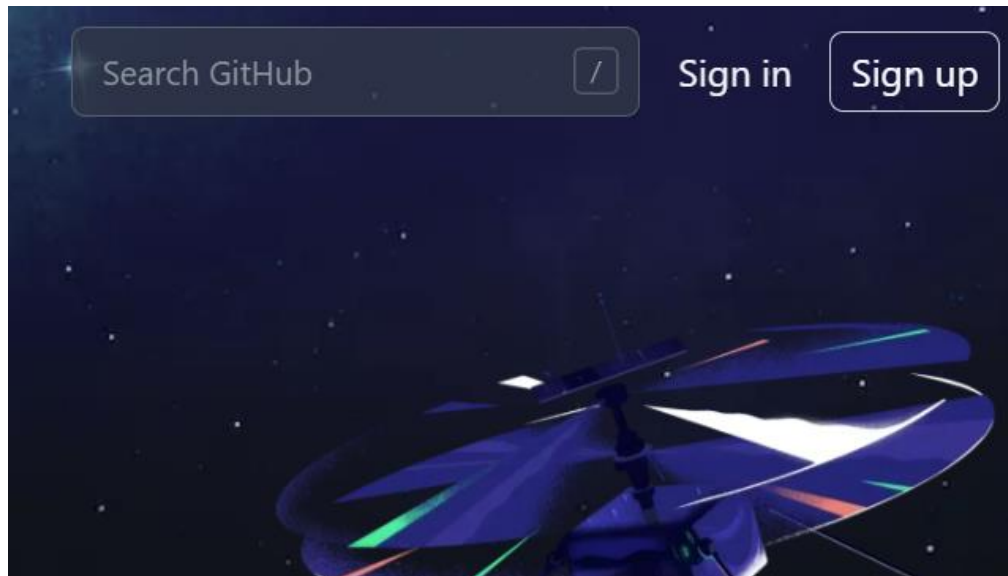
개발자들이 포트폴리오로
활용도 함


여러 사람과 프로그램 개발
협업 가능





Github

오른쪽 위 Sign up → 회원가입
Sign in → 로그인





[Pull requests](#) [Issues](#) [Codespaces](#) [Marketplace](#) [Explore](#)

새로만들기

Top Repositories

New

Find a repository...

Hwan-ho/class.ImageProc

Hwan-ho/class.DataScience

Hwan-ho/BrainVesselFeatureExtractor

Hwan-ho/RGDL

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

The home for all developers — including you.


Welcome to your personal dashboard, where you can find an introduction to how GitHub works, tools to help you build software, and help merging your first lines of code.


<> Start writing code

Start a new repository

A repository contains all of your project's files, revision history, and collaborator discussion.

Hwan-ho /

☐  **Public**
Anyone on the internet can see this repository

☒  **Private**
You choose who can see and commit to this repository

Create a new repository

Introduce yourself with a profile README

Share information about yourself by creating a profile README, which appears at the top of your profile page.

Hwan-ho / README.md

Create

```
1 - 🐼 Hi, I'm @Hwan-ho
2 - 🐼 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 🤝 I'm looking to collaborate on ...
5 - 📫 How to reach me ...
6
```

Universe 2022

Let's build from here

Watch all the latest product announcements and expert-driven sessions from this year's event, available now on-demand.

Watch now

Start coding instantly with GitHub Codespaces

Spin up fully configured dev environments on powerful VMs that start in seconds. Get up to 60 hours a month of free time.

Get started



Latest changes


- 19 hours ago
Feature enablement from the organization-level security coverage...
- Yesterday
Webhook enhancements for environment protection rules
- 2 days ago
Updates to the two-factor authentication setup flow
- 2 days ago
OIDC for Azure AD Enterprise

내 저장소들

Hwan-ho Cho. Dept of Medical Artificial Intelligence. Konyang Univ.

Github page에서 저장소 만들기

 New repository



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
[Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

Hwan-ho

Repository name *

Test

Test is available.

Great repository names are short and memorable. Need inspiration? How about [effective-spork](#) ?

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

① You are creating a public repository in your personal account.

Create repository

저장소 이름

공개 여부
(Public으로 해야
링크로 다운 가능)

저장소 설명 파일 생성여부

생성

Github page에서 저장소 만들기

생성 후 화면

The screenshot shows the GitHub interface for a newly created repository named 'Test' by user 'Hwan-ho'. The repository is public and has no description, website, or topics provided. The main content area shows the 'README.md' file, which contains the text 'Test'. The file is highlighted with a red box, and the text '저장소 설명' (Repository description) is written below it. The 'Add file' button is also highlighted with a red box, and the text '파일 업로드' (File upload) is written above it. The repository has 1 branch (main) and 0 tags. The commit history shows 1 commit (cc53498) by Hwan-ho. The right sidebar shows the repository's activity, including 0 stars, 1 watching, 0 forks, and no releases or packages published.

파일 업로드

저장소 설명

Github page에서 저장소 만들기

생성 후 화면

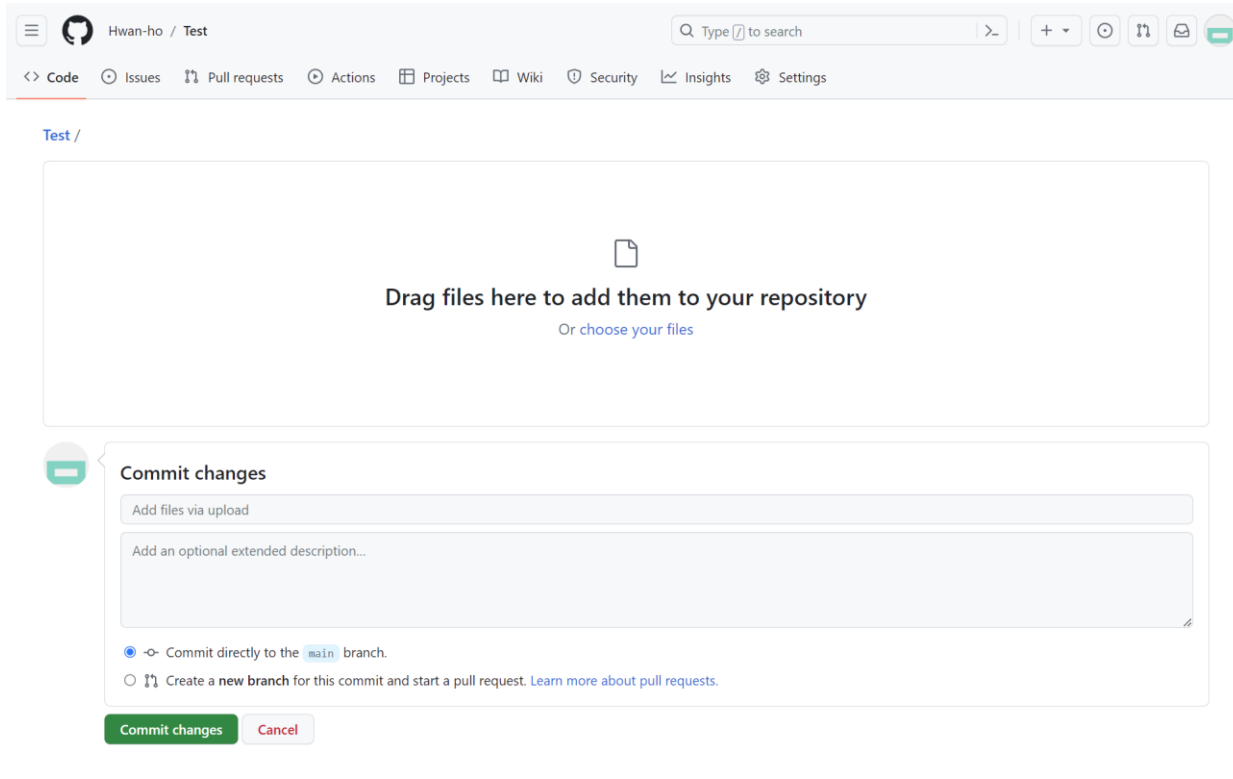
The screenshot shows the GitHub interface for a newly created repository named 'Test' by user 'Hwan-ho'. The repository is public and has no description, website, or topics provided. The 'Add file' button is highlighted with a red box, and a red arrow points from it to the 'Create new file' and 'Upload files' options in the right sidebar. The 'README.md' file is shown with the content 'Test'.

파일 업로드

저장소 설명

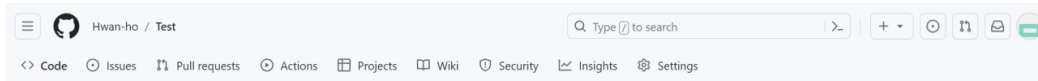
Test

Github page에서 저장소 만들기



The screenshot shows the GitHub interface for a repository named 'Test' by user 'Hwan-ho'. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A search bar is also present. The main content area displays a large box with a file icon and the text 'Drag files here to add them to your repository' or 'choose your files'. Below this, a 'Commit changes' dialog is open, featuring a text input for 'Add files via upload', a larger text area for 'Add an optional extended description...', and two radio button options: 'Commit directly to the main branch.' (selected) and 'Create a new branch for this commit and start a pull request.' At the bottom of the dialog are 'Commit changes' and 'Cancel' buttons.

Github page에서 저장소 만들기



Test /

Drag files here to add them to your repository
Or choose your files



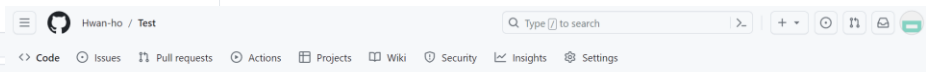
Commit changes

Add files via upload

Add an optional extended description...

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

Commit changes Cancel



Test /

Drag additional files here to add them to your repository
Or choose your files

파일을 끌어다 놓으면 생김

TestFile.txt



Commit changes

Add files via upload

Add an optional extended description...

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

Commit changes Cancel

Commit → 업로드 완료

파일 올린 후 repository 모습

The screenshot shows the GitHub interface for a repository named 'Test' by user 'Hwan-ho'. The repository is public and has 1 branch (main) and 0 tags. It shows 2 commits, with the most recent being 'TestFile.txt' added via upload 'now'. The repository has 0 stars, 1 watcher, and 0 forks. The 'About' section states 'No description, website, or topics provided.' The 'Releases' section states 'No releases published' with a link to 'Create a new release'. The 'Packages' section states 'No packages published' with a link to 'Publish your first package'. The repository content shows a 'README.md' file with the text 'Test'.

Hwan-ho / Test

Type to search

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Test Public

Pin Unwatch 1 Fork 0 Star 0

main 1 branch 0 tags

Go to file Add file <> Code

Hwan-ho Add files via upload da04239 now 2 commits

File	Commit	Time
README.md	Initial commit	7 minutes ago
TestFile.txt	Add files via upload	now

README.md

Test

About

No description, website, or topics provided.

Readme Activity 0 stars 1 watching 0 forks

Releases

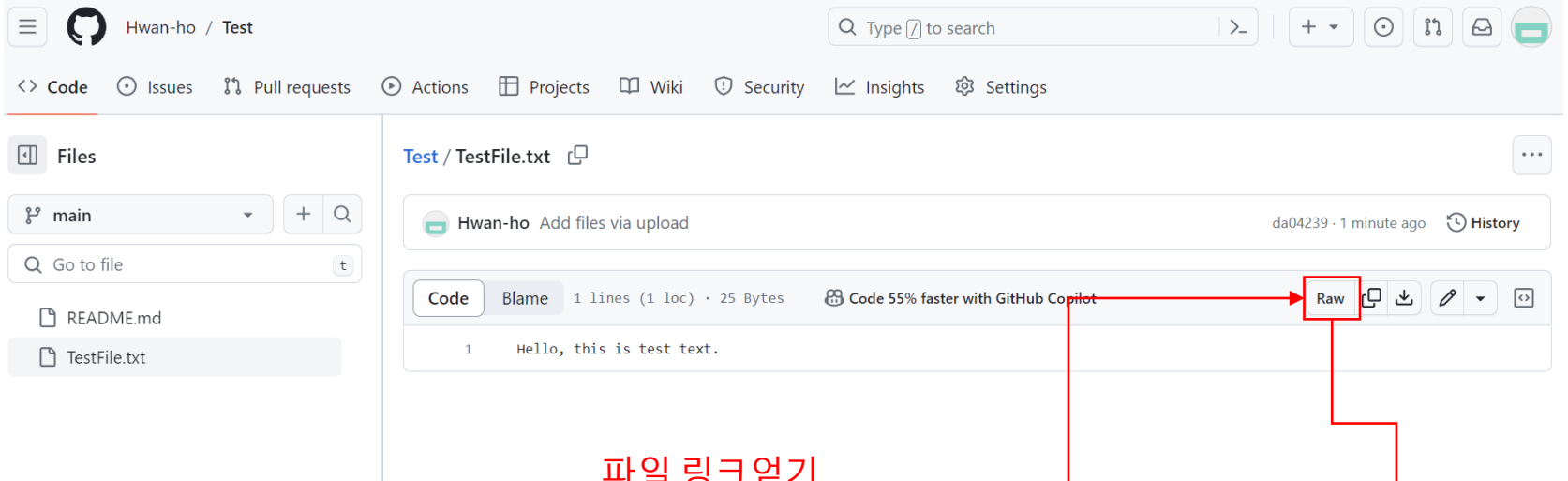
No releases published
[Create a new release](#)

Packages

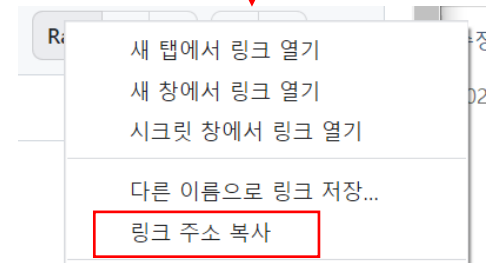
No packages published
[Publish your first package](#)

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파일 눌러서 내용 확인가능



파일 링크얻기
• Raw 버튼 우클릭
→ 링크 주소 복사



Colab에서 다운받기

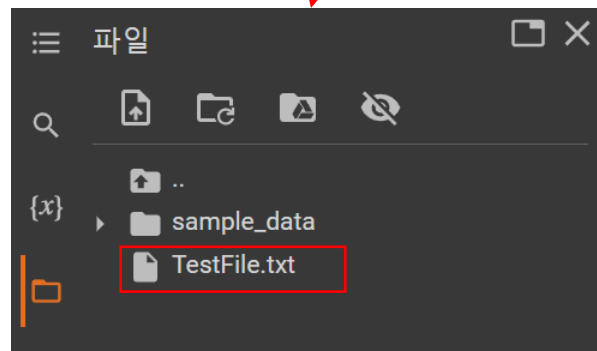
!wget 링크

```
[1] !wget https://github.com/Hwan-ho/Test/raw/main/TestFile.txt

--2023-09-07 07:24:04-- https://github.com/Hwan-ho/Test/raw/main/TestFile.txt
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://raw.githubusercontent.com/Hwan-ho/Test/main/TestFile.txt [following]
--2023-09-07 07:24:04-- https://raw.githubusercontent.com/Hwan-ho/Test/main/TestFile.txt
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.108.133, 185.199.109.133, 185.199.110.133, ...
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|185.199.108.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 25 [text/plain]
Saving to: 'TestFile.txt'

TestFile.txt      100%[=====>]          25  --.-KB/s    in 0s

2023-09-07 07:24:05 (1.22 MB/s) - 'TestFile.txt' saved [25/25]
```



Repository 지우기

Settings → Danger zone →

The screenshot shows the GitHub repository settings page for 'Hwan-ho / Test'. The 'Settings' tab is selected in the top navigation bar. The 'Danger Zone' section is highlighted with a red box, containing the following options:

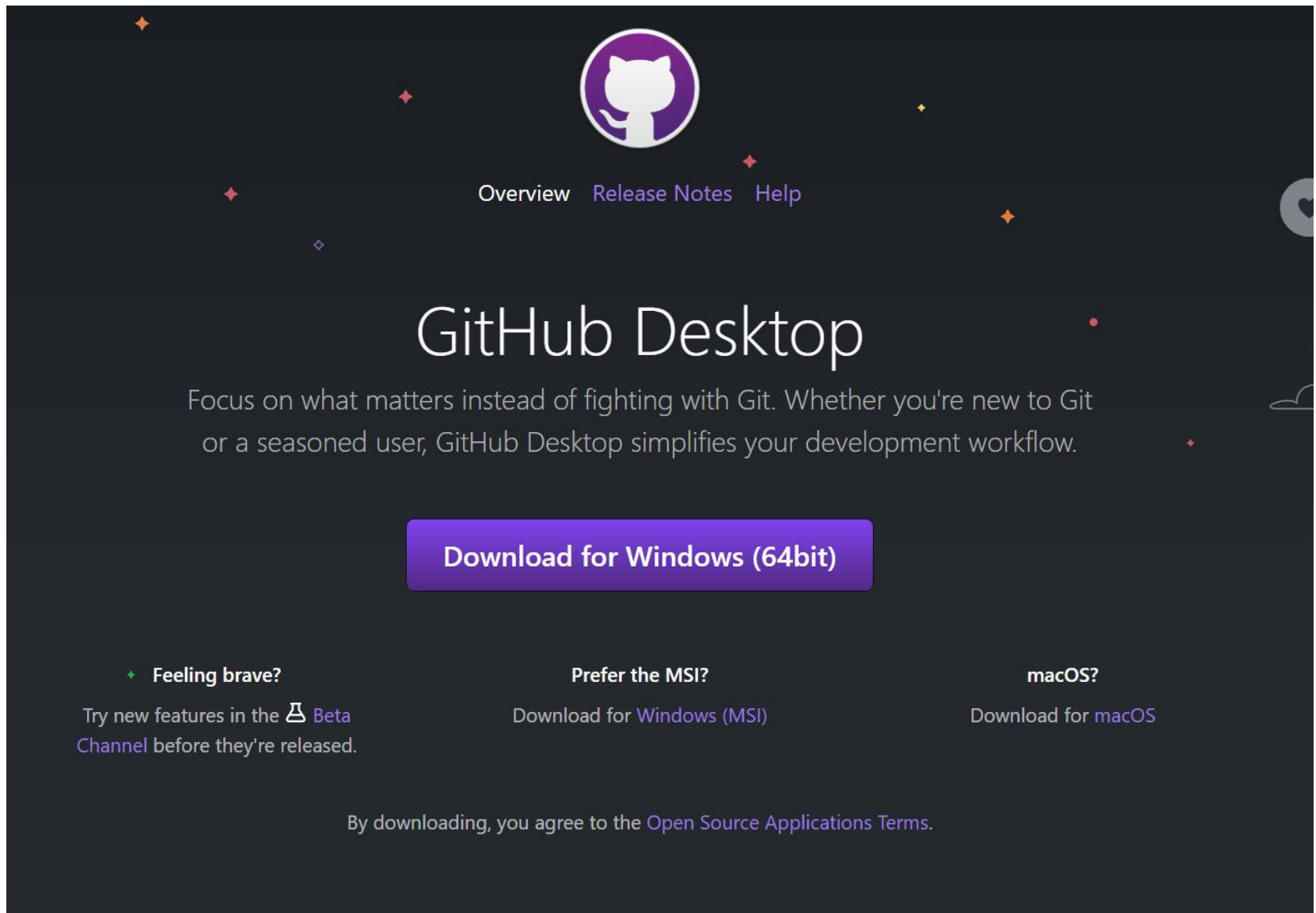
- Change repository visibility**: This repository is currently public. [Change visibility](#)
- Disable branch protection rules**: Disable branch protection rules enforcement and APIs. [Disable branch protection rules](#)
- Transfer ownership**: Transfer this repository to another user or to an organization where you have the ability to create repositories. [Transfer](#)
- Archive this repository**: Mark this repository as archived and read-only. [Archive this repository](#)
- Delete this repository**: Once you delete a repository, there is no going back. Please be certain. [Delete this repository](#)

Red annotations include:

- A red box around the 'Settings' tab in the top navigation bar.
- A red box around the 'Danger Zone' section.
- A red arrow pointing from the 'Settings' tab to the 'Danger Zone' section, with the text '아래로 쪽~' (Look down~).
- A red arrow pointing to the 'Delete this repository' button, with the text '누르고 안내 절차에 따르기' (Click and follow the guide).

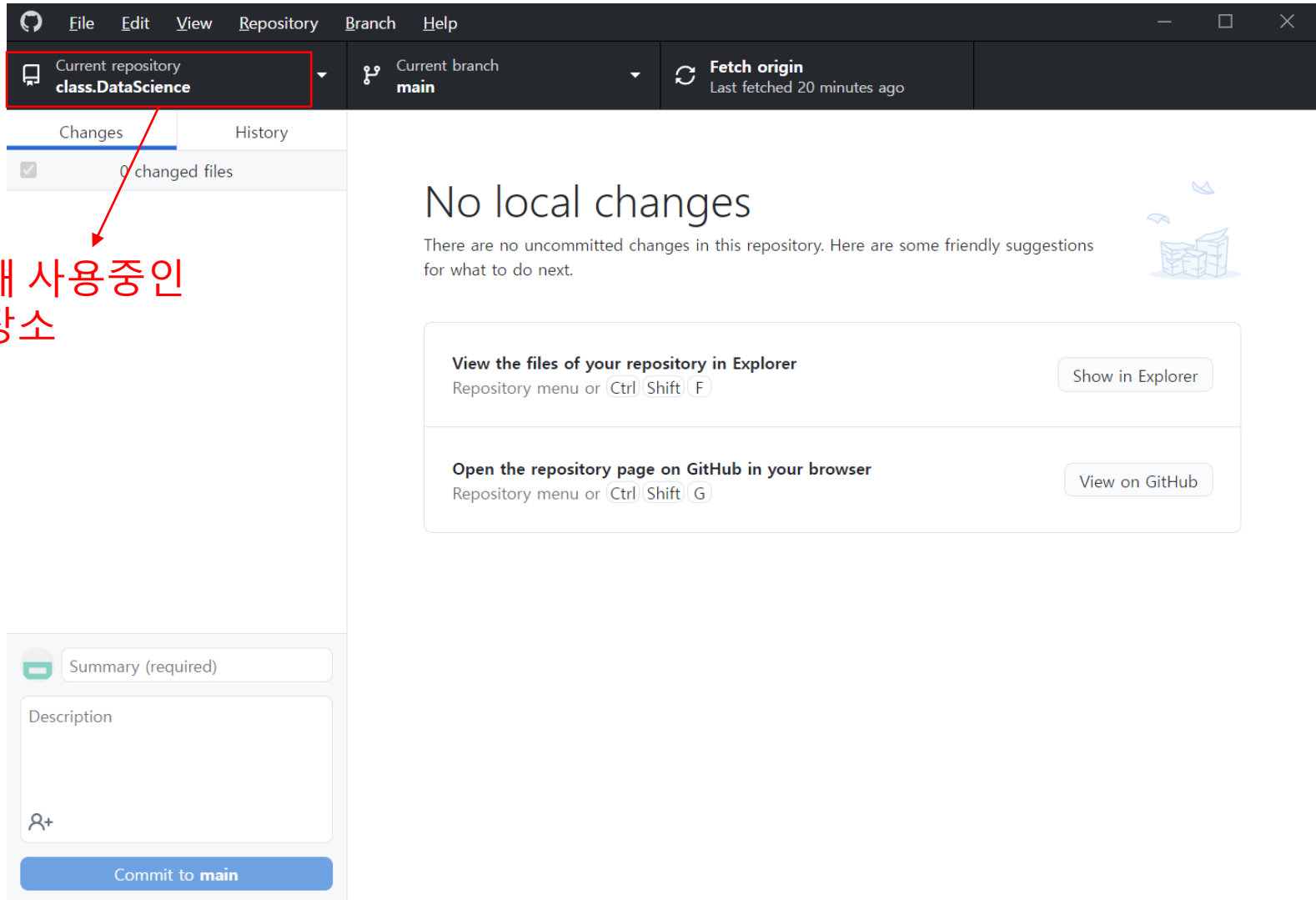
Github desktop

<https://desktop.github.com/>



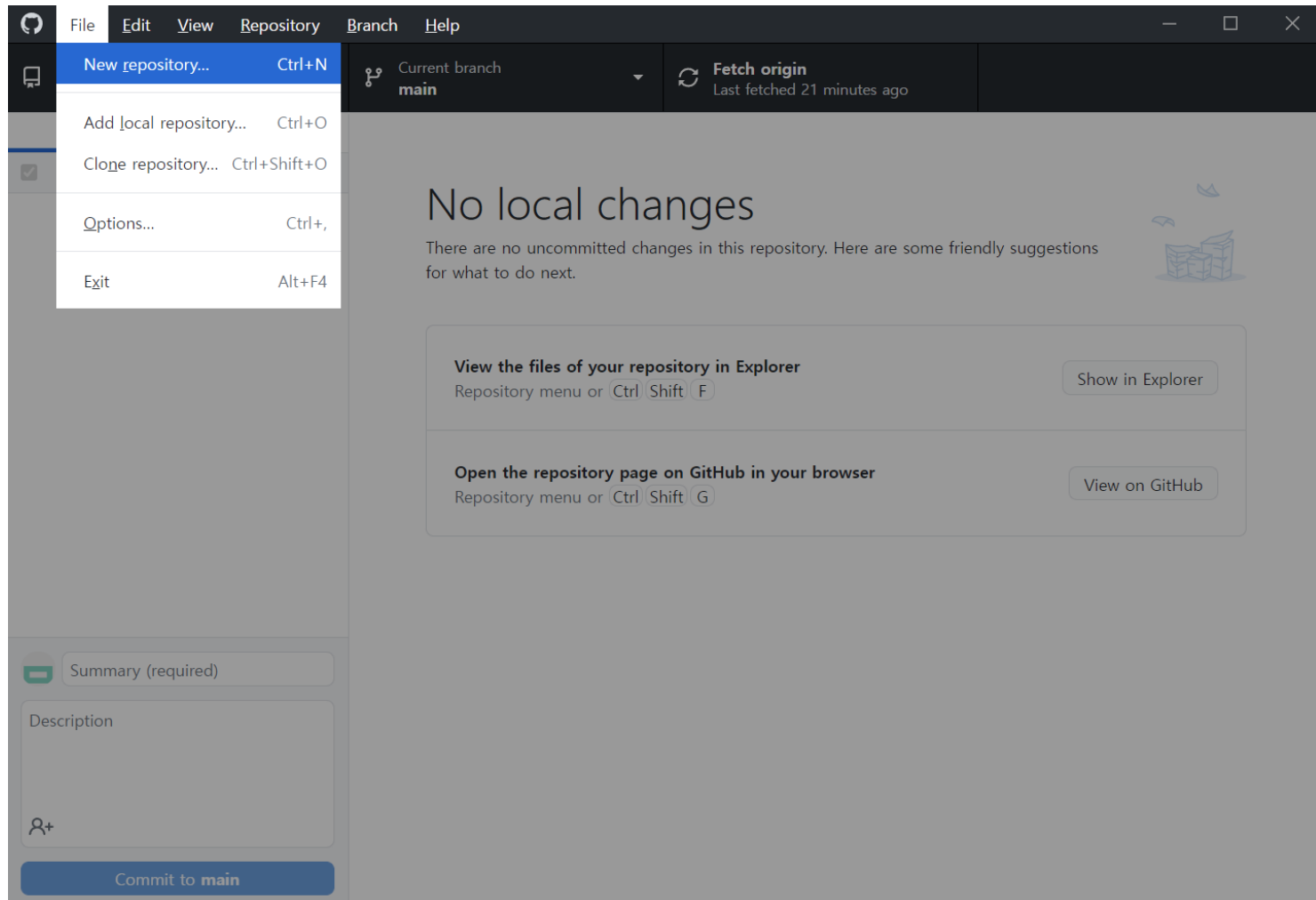
Github desktop

실행 후 로그인 화면



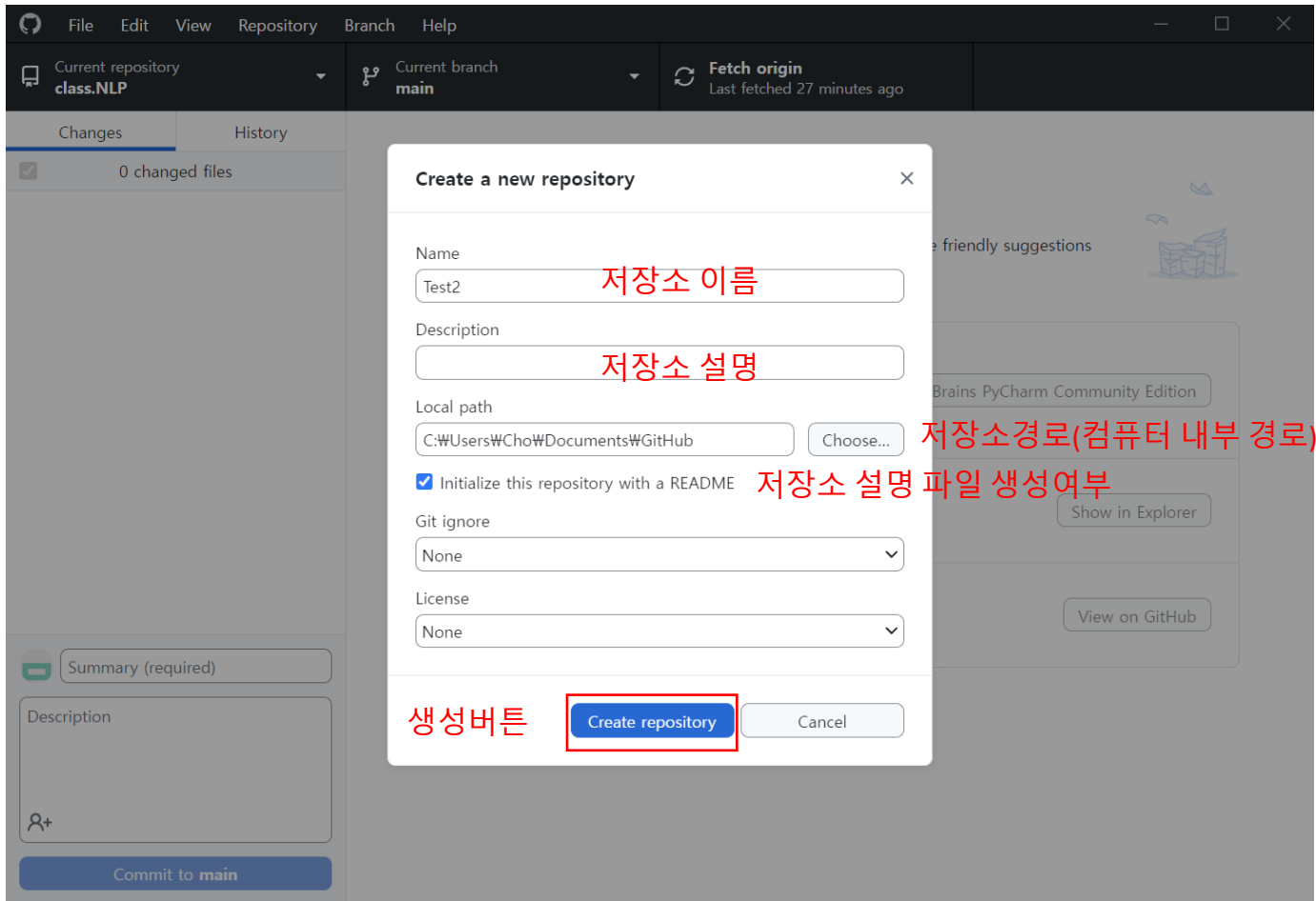
Github desktop

File → New repository



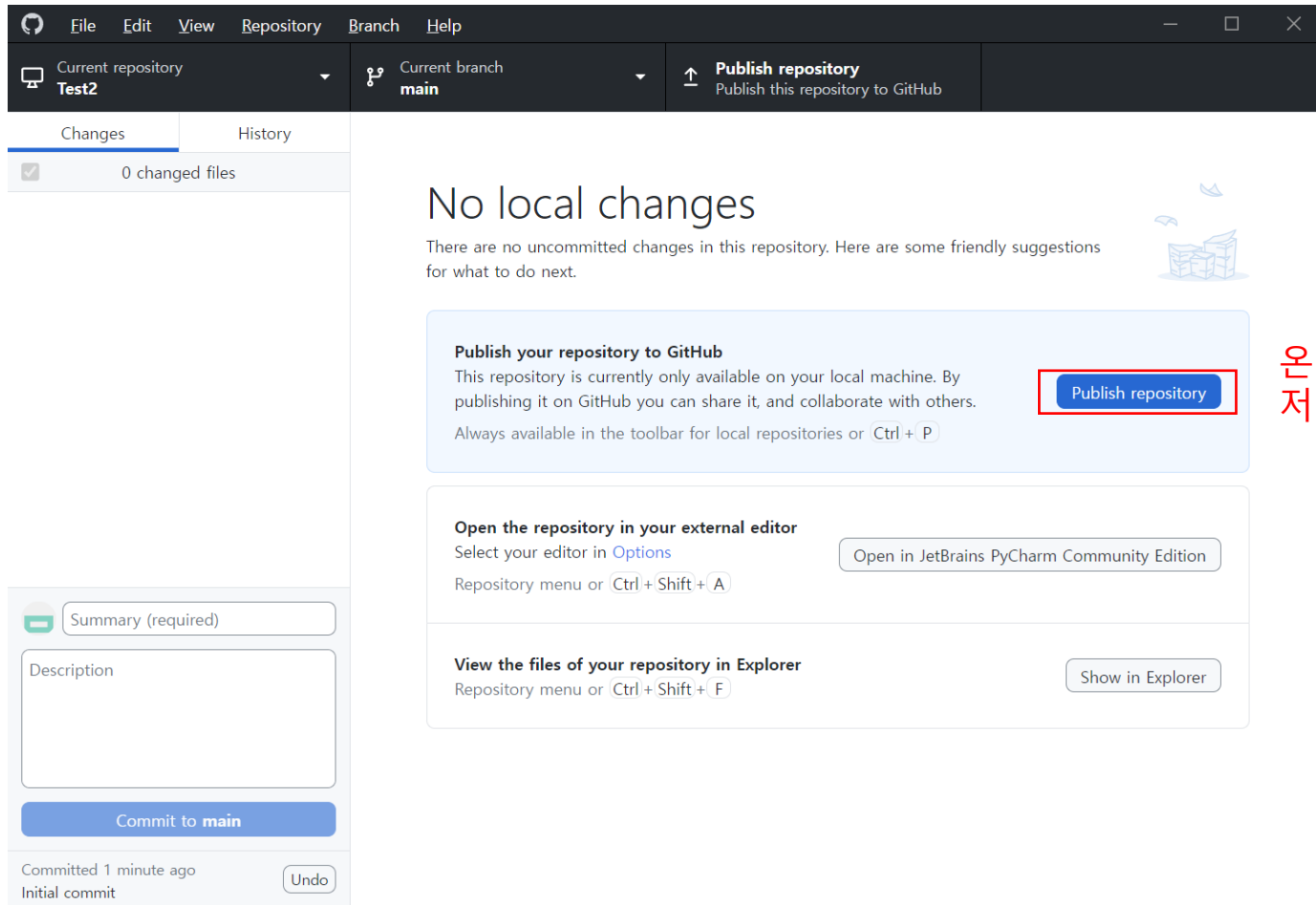
Github desktop

File → New repository



Github desktop

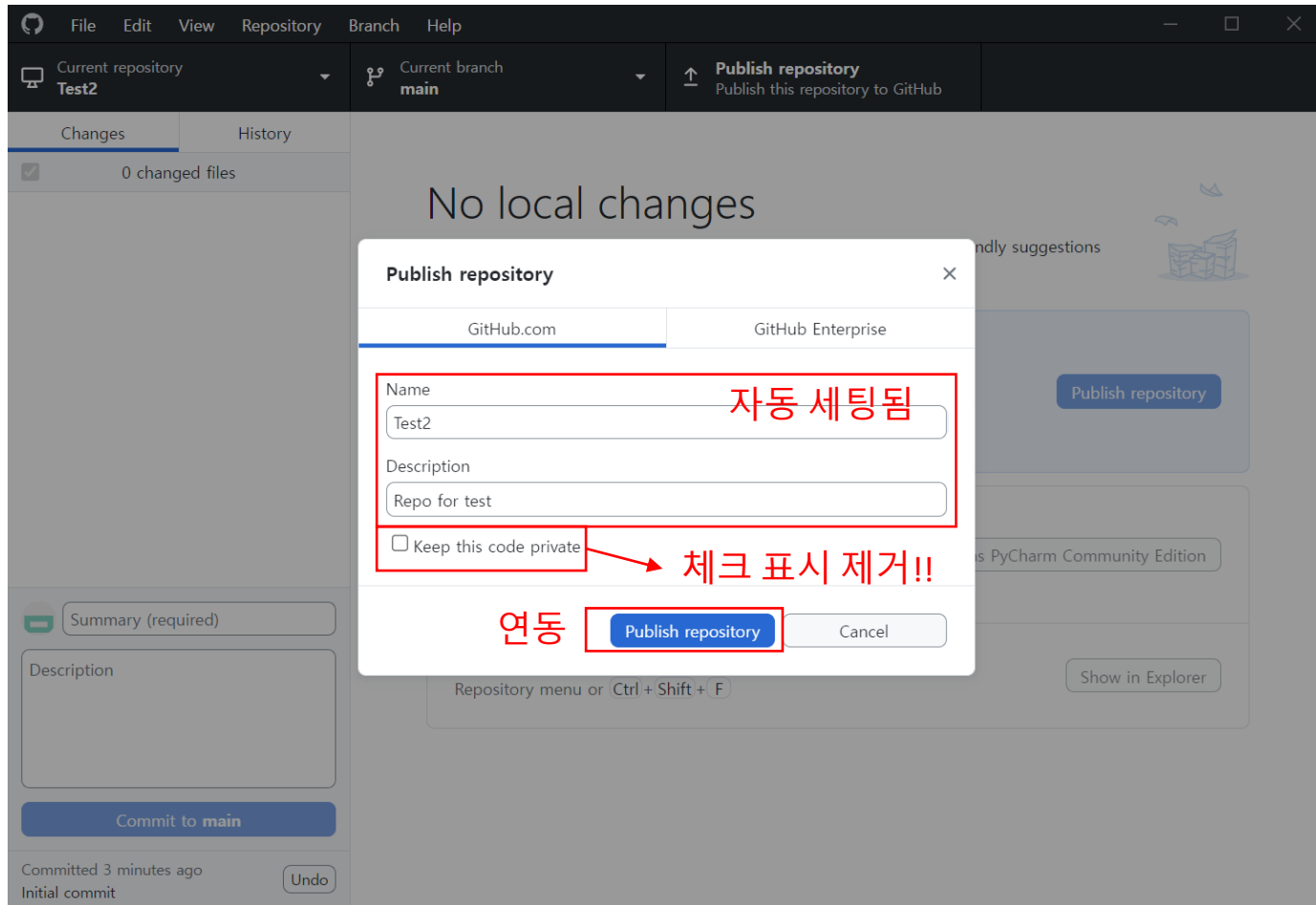
생성 후 화면



온라인
저장소와 연동

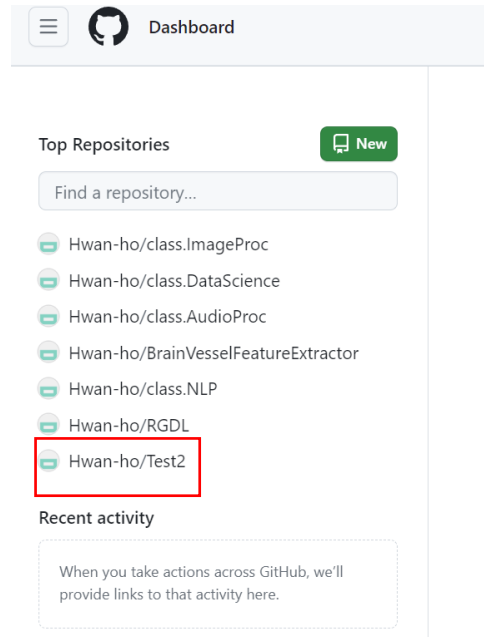
Github desktop

생성 후 화면



Github desktop

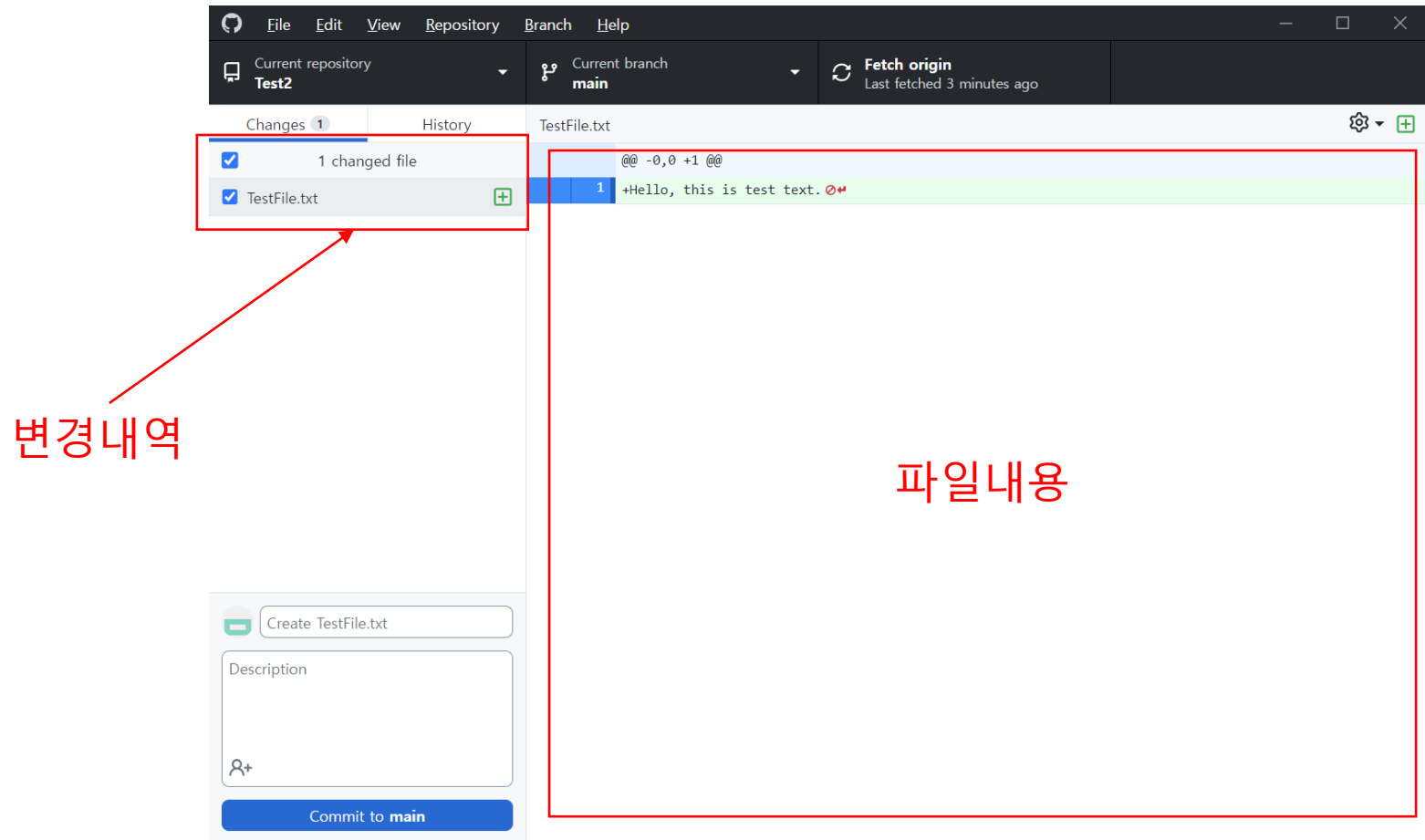
Github로 가서 보면 생성된 repository 확인 가능



Github desktop

저장소로 지정한 폴더에 변경내용 있으면 자동으로 감지하여 아래처럼 띄워줌

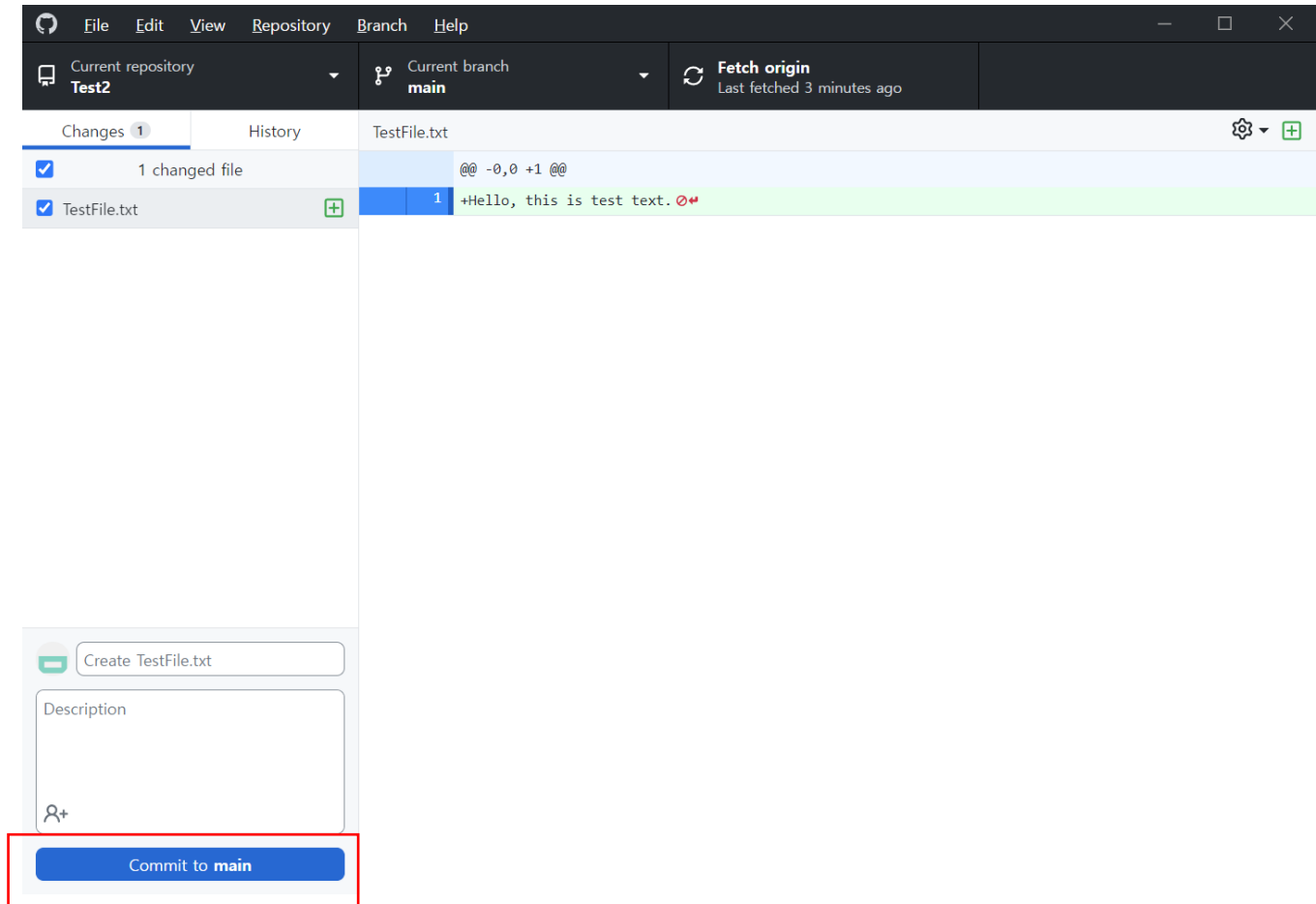
- Window는 문서→Github폴더→내가만든폴더



Github desktop

반영방법

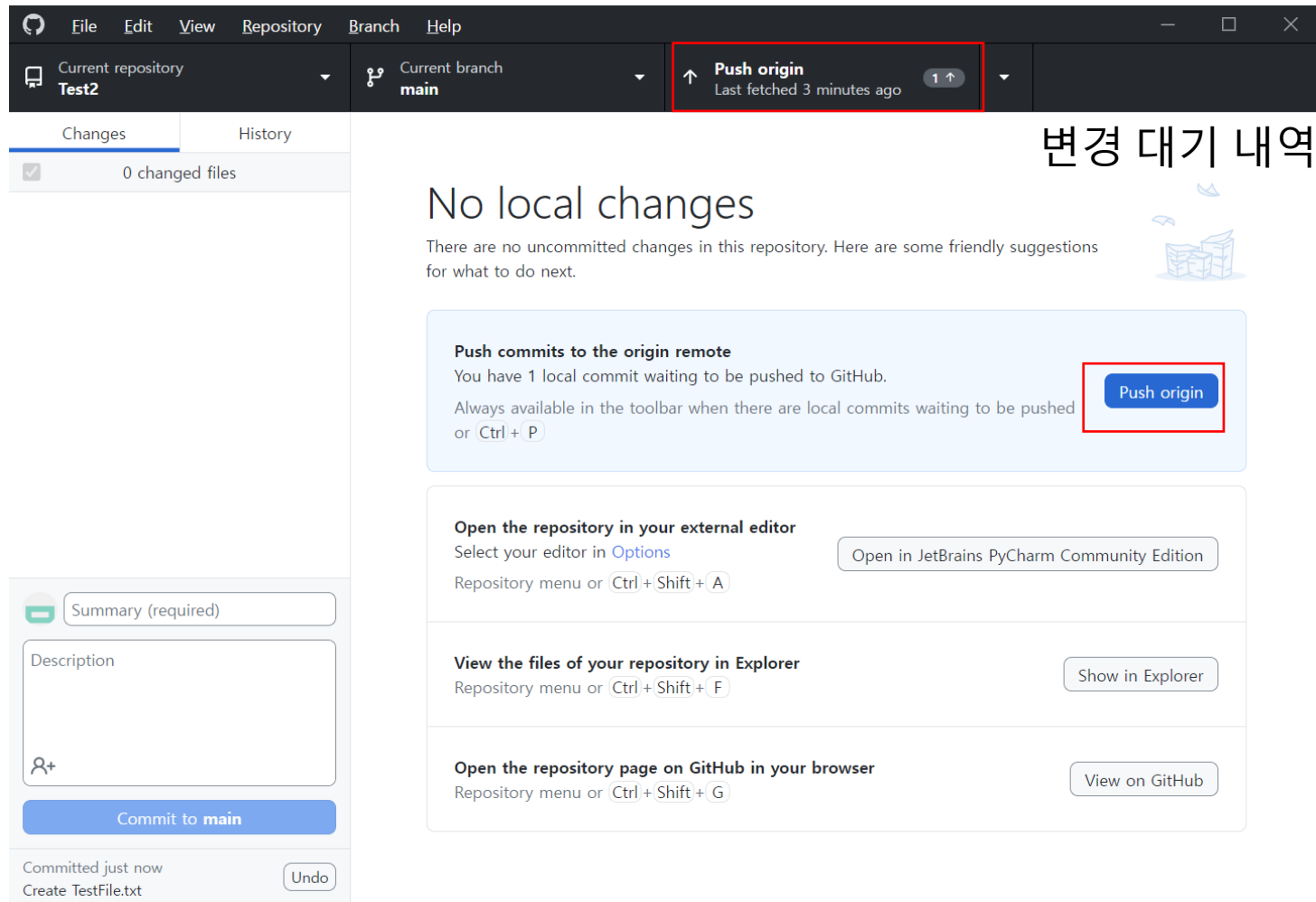
Commit to main 클릭 → Push origin 클릭



Github desktop

반영방법

Commit to main 클릭 → Push origin 클릭



변경 대기 내역

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 JetBrains PyCharm Community Edition

View the files of your repository in Explorer

Repository menu or **Ctrl + Shift + F**

Show in Explorer

Open the repository page on GitHub in your browser

Repository menu or **Ctrl + Shift + G**

View on GitHub

Summary (required)

Description



Commit to main

Committed just now
Create TestFile.txt

Undo

Github desktop

온라인 repository에 반영 확인

The screenshot shows the GitHub web interface for a repository named 'Test2' owned by 'Hwan-ho'. The repository is public. The file list shows three files: '.gitattributes', 'README.md', and 'TestFile.txt'. The 'TestFile.txt' file is highlighted with a red box, indicating it is the current file being viewed. The commit history for 'TestFile.txt' shows a single commit by 'Hwan-ho' titled 'Create TestFile.txt' at 'f30faee' now, with 2 commits in total. The README.md file content is displayed below the file list, showing the title 'Test2' and the description 'Repo for test'. The right sidebar shows repository statistics: 0 stars, 1 watching, and 0 forks. The 'Releases' and 'Packages' sections indicate no releases or packages are published.

Test2 (Public)

main 1 branch 0 tags

Go to file Add file <> Code

Hwan-ho Create TestFile.txt f30faee now 2 commits

File	Commit	Time
.gitattributes	Initial commit	9 minutes ago
README.md	Initial commit	9 minutes ago
TestFile.txt	Create TestFile.txt	now

README.md

Test2

Repo for test

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

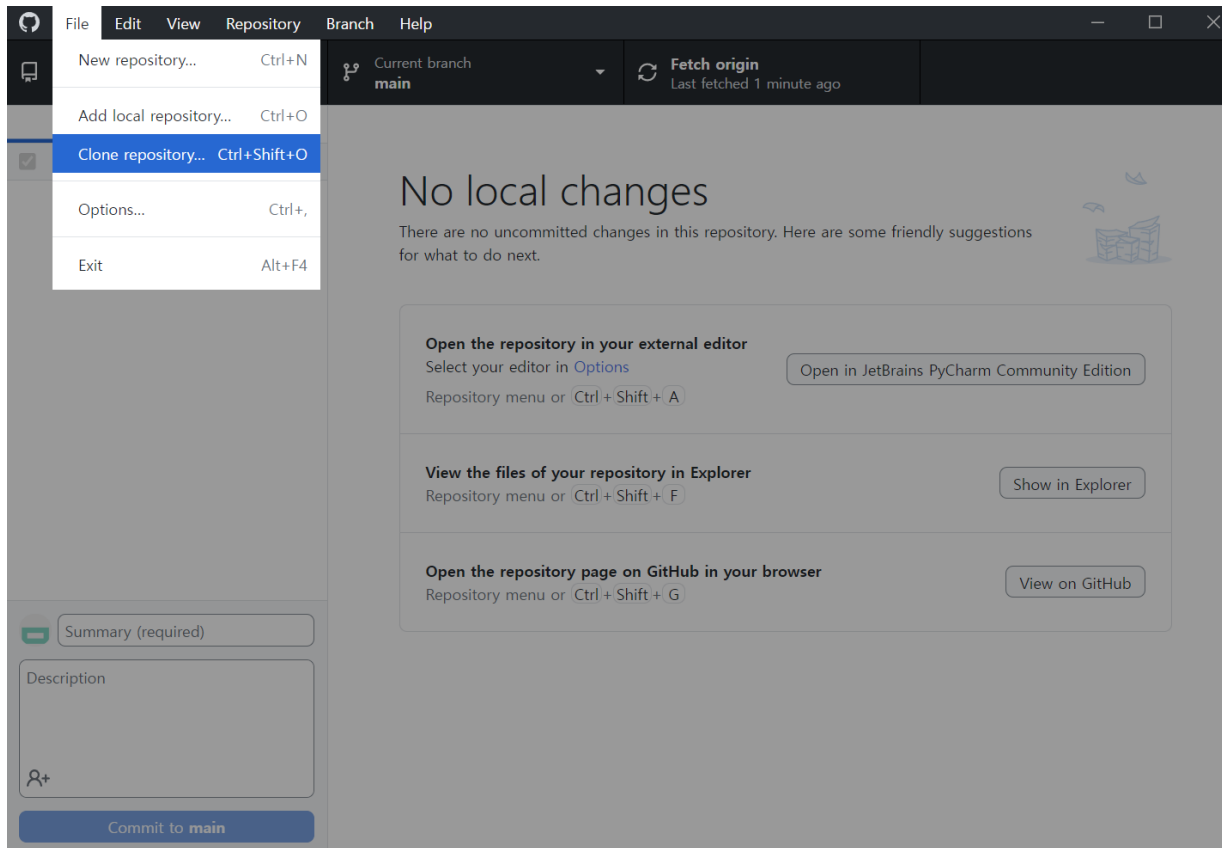
Github desktop

Colab에서 다운받기 → 아까랑 같음

파일 눌러서 → Raw우클릭 → 링크 복사 → !wget 링크 실행

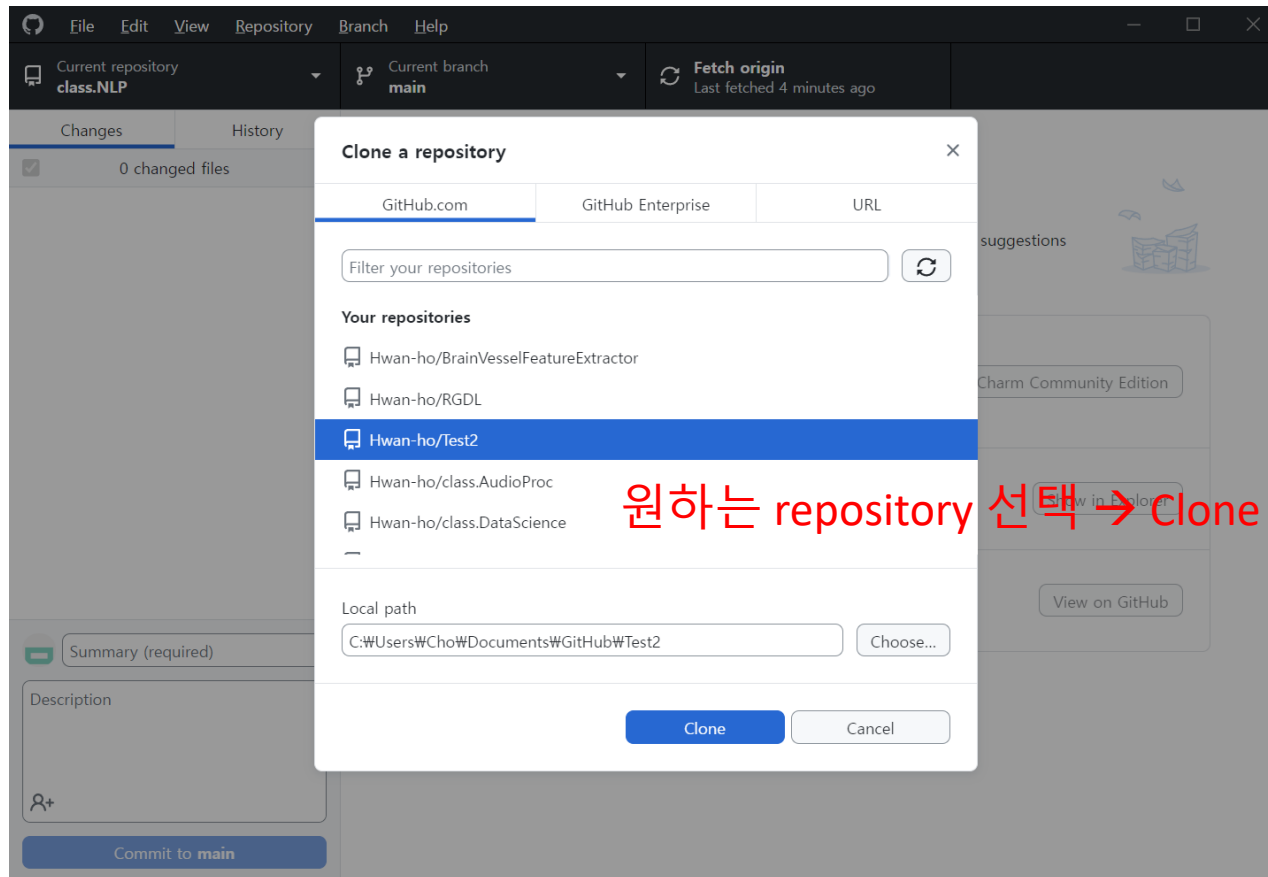
Github desktop

온라인 repo → 컴퓨터로 복사



Github desktop

온라인 repo → 컴퓨터로 복사



Github desktop

!주의 사항!

- Github에 업로드 가능한 개별 파일의 최대 용량 = 100MB
- 100MB가 넘으면 분할 압축 후 업로드
- Free 버전의 Storage 최대 용량 = 2GB