

# 04. Git


컴퓨터공학부 201911228 홍지우

# 01. Github에 Empty Repository 생성

## Create a new repository

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

Owner \*

 Hongji0611 ▾

Repository name \*

Test1 ✓

Great repository names are Test1 is available. table. Need inspiration? How about [supreme-telegram](#)?

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:

Skip this step if you're importing an existing repository.

☒ Add a README file

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

☒ Add .gitignore

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

.gitignore template: None ▾




☐ Choose a license

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

Create repository

## 02. 로컬 기기에 Empty Repository 생성

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (hongjiwoo)
$ git init
Initialized empty Git repository in C:/Users/82106/OneDrive/바탕 화면 /서버 스터디 /test/.git/
```

이름	수정한 날짜	유형
 .git	2021-04-30 오후 5:05	파일 폴더
 .gitignore.txt	2021-04-30 오후 5:01	텍스트 문서
 README.md	2021-04-30 오후 5:02	MD 파일

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore.txt
    README.md

nothing added to commit but untracked files present (use "git add" to track)
```

## 02. 로컬 기기에 Empty Repository 생성 + git repo와 연결 후 push

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git add -A

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git commit -am "init"
[master (root-commit) 09beacf] init
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 .gitignore.txt
create mode 100644 README.md
```

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git remote add origin https://github.com/Hongji0611/Test.git
```

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 222 bytes | 111.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Hongji0611/Test.git
* [new branch]      master -> master
```

Go to file

Add file ▾

↓ Code ▾

Clone



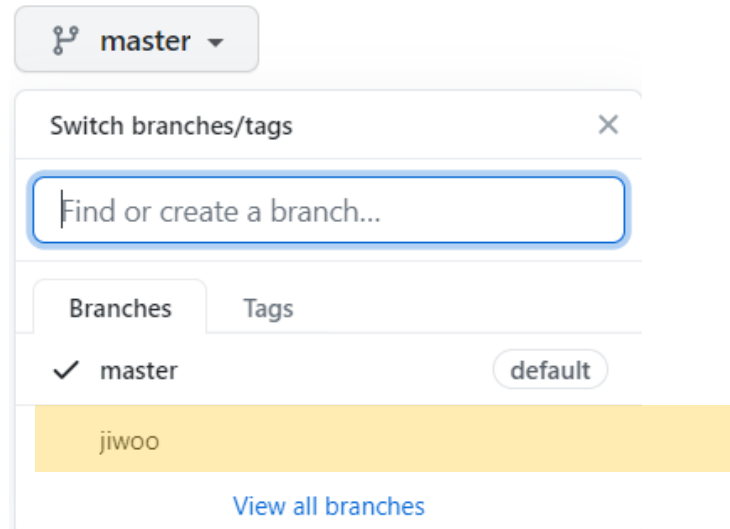
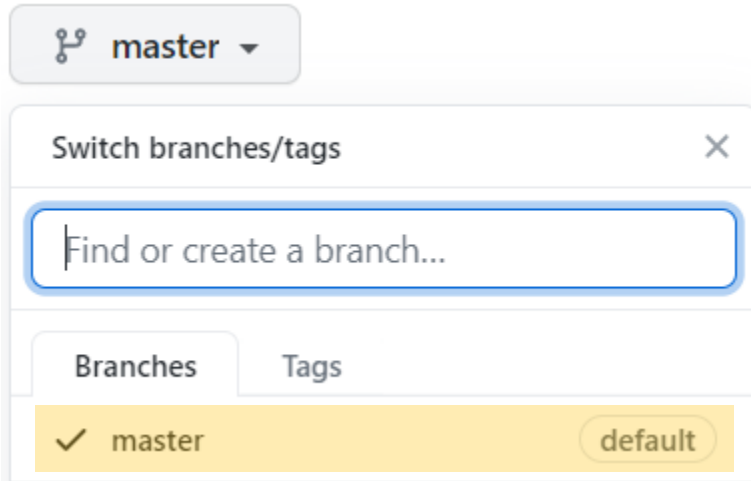
HTTPS SSH GitHub CLI

<https://github.com/Hongji0611/Test.git>



Use Git or checkout with SVN using the web URL.

### 03. Branch



```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (master)
$ git branch
* master

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (master)
$ git branch jiwoo

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (master)
$ git branch
  jiwoo
* master

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (master)
$ git checkout jiwoo
Switched to branch 'jiwoo'
```

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (jiwoo)
$ git status
On branch jiwoo
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   test.txt


no changes added to commit (use "git add" and/or "git commit -a")

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (jiwoo)
$ git add -A

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (jiwoo)
$ git commit -am "update testfile"
[jiwoo fd4a3b9] update testfile
1 file changed, 1 insertion(+)

82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스택 디 /test (jiwoo)
$ git push origin jiwoo
Enumerating objects: 5, done.
```


## 04. Pull requests


 **jiwoo** had recent pushes 4 minutes ago

[Compare & pull request](#)

### 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: master ← compare: jiwoo ✓ Able to merge. These branches can be automatically merged.




update testfile

Write

Preview

H B I ≡ <> 🔗 ≡ ≡ ☑ @ ↻ ↵

파일 수정했어요!  
확인하고 merge해주세요 :)

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

Create pull request

# 04. Pull requests

test.txt

...

...

@@ -0,0 +1 @@

1

+ 변경

 Hongji0611


Author


Pending

 ...


오호 여기를 변경하셨군요 좋습니다

Add more commits by pushing to the `jiwoo` branch on `Hongji0611/Test`.



 Continuous integration has not been set up

GitHub Actions and several other apps can be used 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](#).

	Hongji0611 Merge pull request #1 from Hongji0611/jiwoo ...			9b082c0 now	 4 commits
	.gitignore.txt	init			11 minutes ago
	README.md	init			11 minutes ago
	test.txt	update testfile			8 minutes ago

## 05. git Pull

```
82106@DESKTOP-12AN6NP MINGW64 ~/OneDrive/바탕 화면 /서버 스터디 /test (master)
$ git pull origin master
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 628 bytes | 157.00 KiB/s, done.
From https://github.com/Hongji0611/Test
* branch                master      -> FETCH_HEAD
   33c2f43..9b082c0      master      -> origin/master
Updating 33c2f43..9b082c0
Fast-forward
 test.txt | 1 +
1 file changed, 1 insertion(+)
```