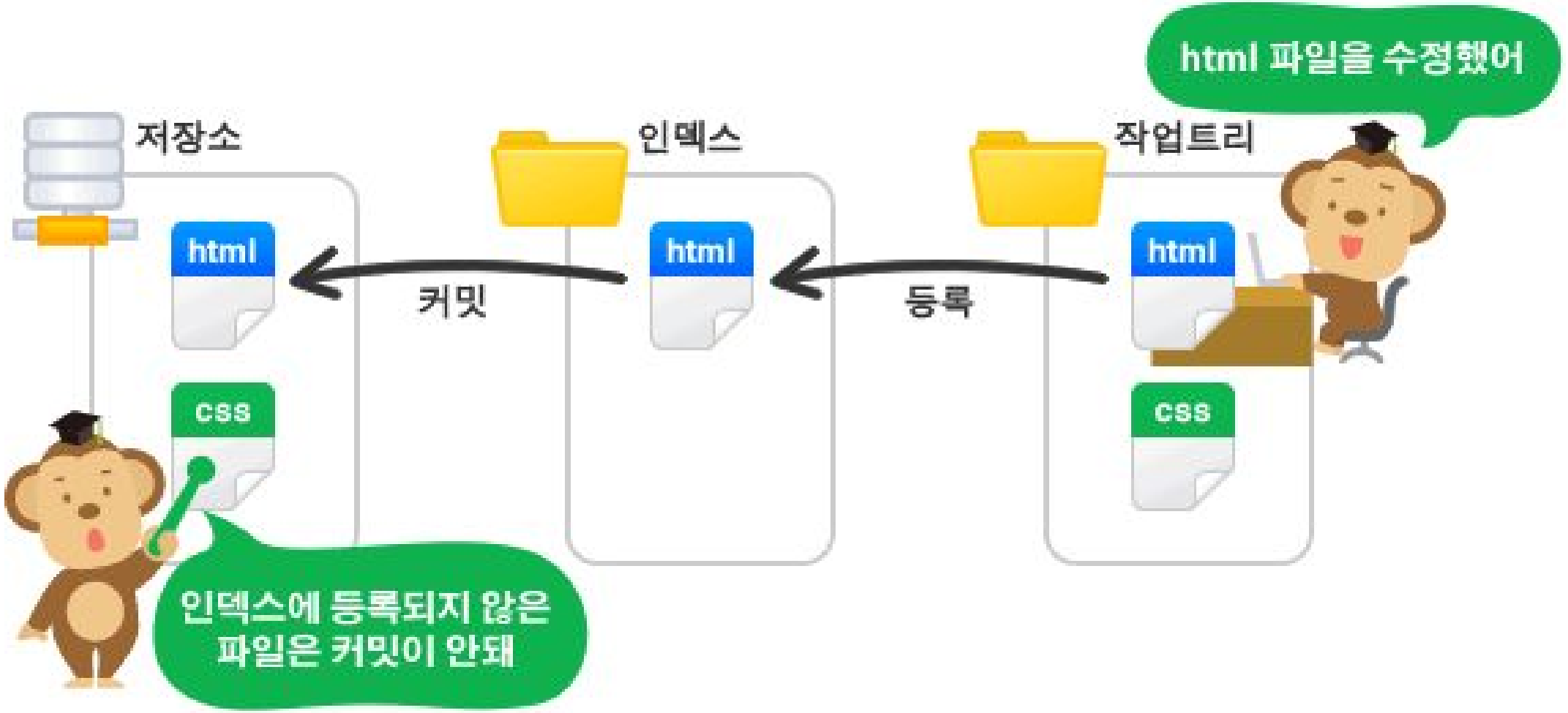
Git

*

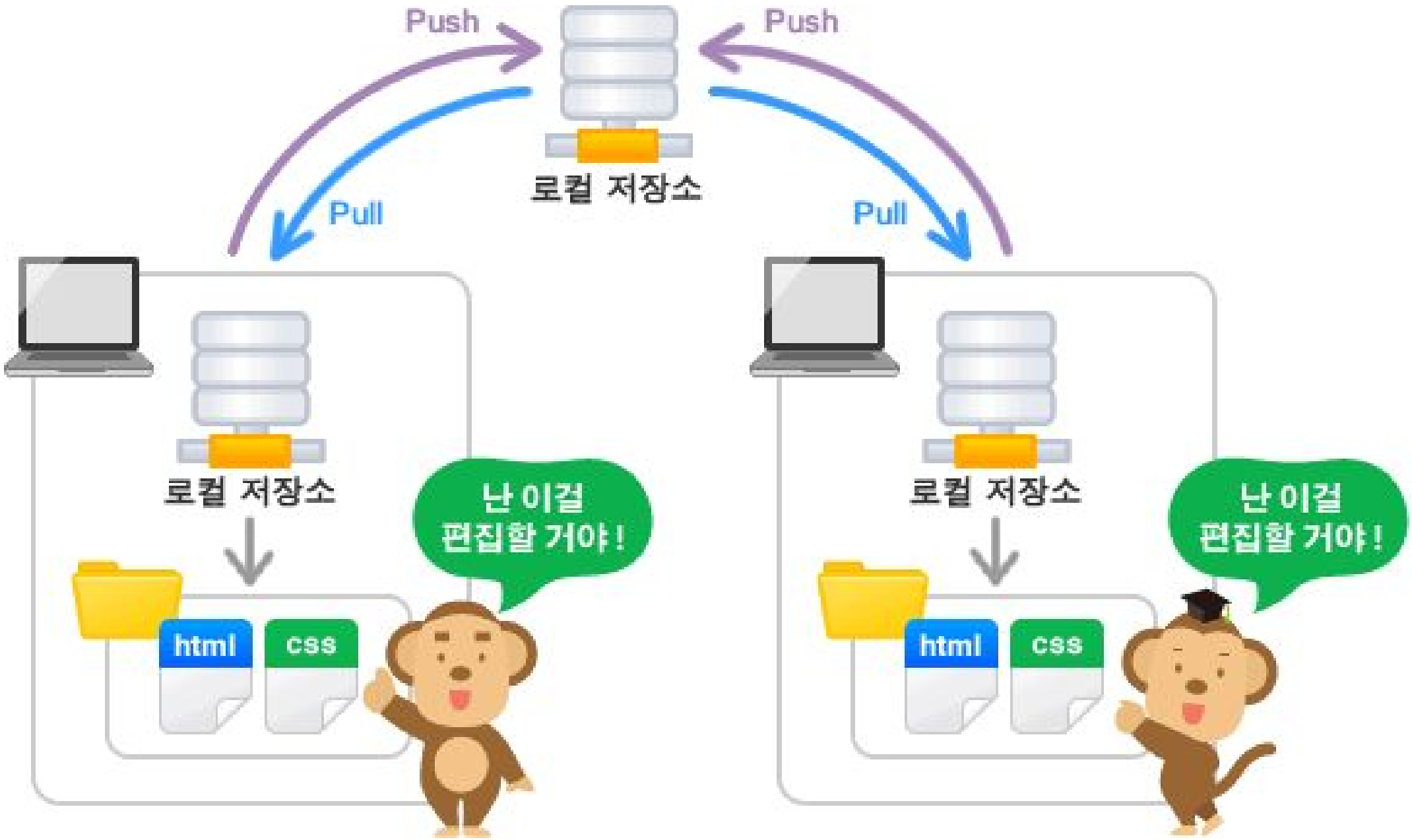
stage


html 파일을 수정했어
저장소
인덱스
작업트리
html
html
html
커밋
등록
css
css
인덱스에 등록되지 않은
파일은 커밋이 안돼

Try - Git(Local Commit & Stash)

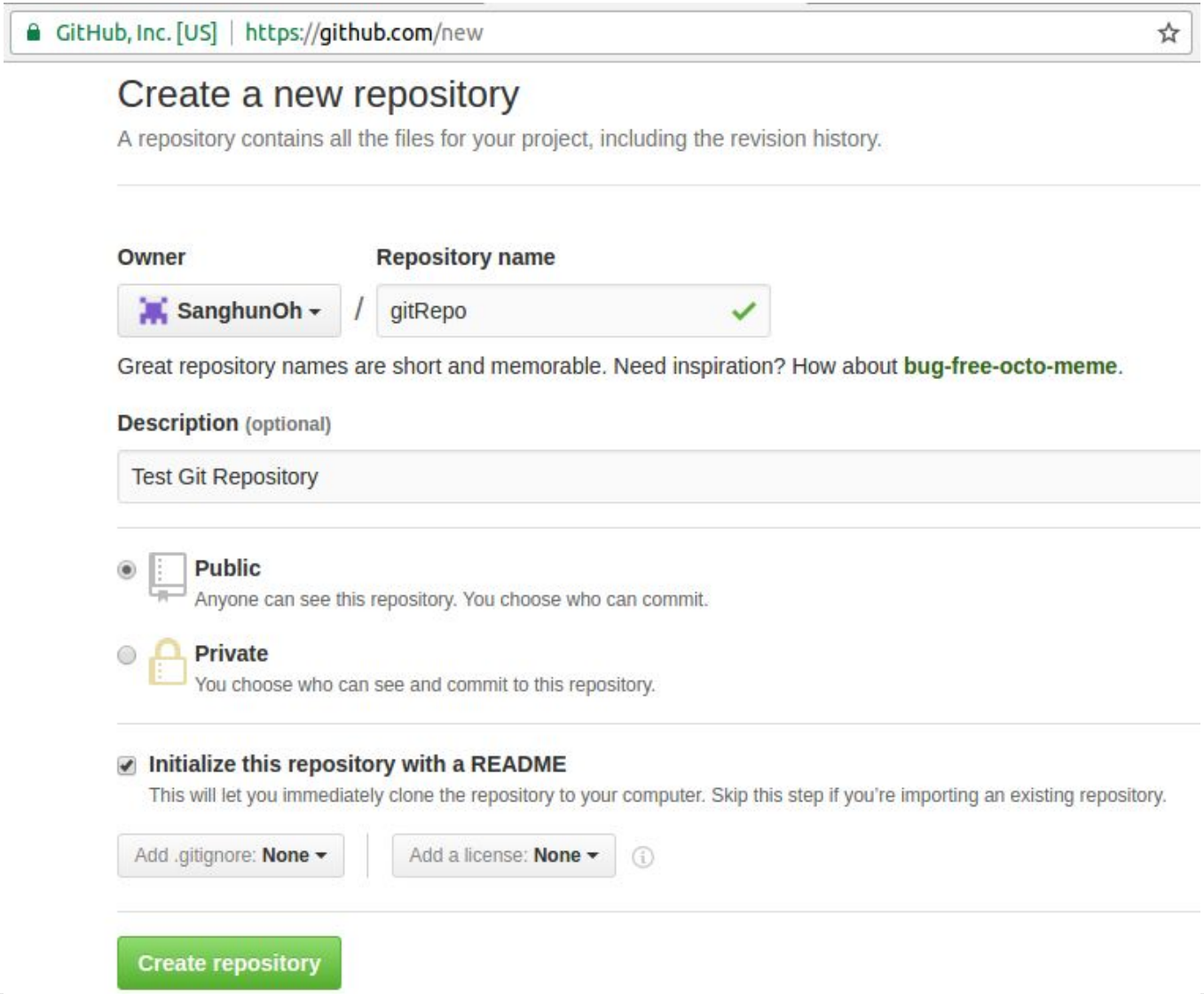
```
~$ sudo apt-get install git gitk
~$ git --version
~$ mkdir eclipse-workspace_html
~$ cd eclipse-workspace_html
~$ git init                  → git 초기화
~$ git status                → 상태 확인
~$ git config --global user.email "otter.oh@gmail.com"      → Remote Account
~$ git config --global user.name "SanghunOh"
~$ git add .                 → 변경사항 index 등록
~$ git commit -m "first commit"      → Apply Local Worktree
~$ git log                           → 등록 내용
~$ touch my_stash.txt
~$ git add .
~$ git stash save “my_stash_temp”    → 임시 저장
~$ git stash list
~$ ls
~$ git stash apply stash@{1}
~$ git stash pop
~$ git stash drop stash@{0}
```

Git(Remote)


Push
Push
로컬 저장소
Pull
Pull
로컬 저장소
난 이걸
편집할 거야!
html
css
로컬 저장소
난 이걸
편집할 거야!
html
css

Try(1) - GitHub(Remote, Create Git Server)

- https://github.com/ → Login
- Click ‘New Repository’ -> Repository name : gitTest → Save
- Setting -> Collaborators > Typing ID Name > Add Collaborators



Try(2) - Git(Remote, push/pull Source)

❖ Copy URI in TextBox (ex.https://github.com/SanghunOh/gitTest.git)

~$ git remote add original https://github.com/SanghunOh/gitTest.git

~$ git push -u original master

Username for 'https://github.com': SanghunOh

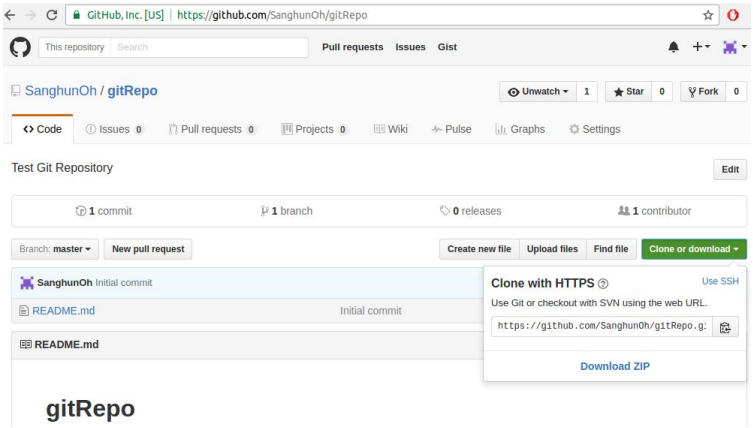
Password for 'https://SanghunOh@github.com': ******

~$ touch sample.txt

~$ git add sample.txt

~$ git commit -m "add sample.txt file"

~$ git push



❖ Modify README.md on Github

~$ git pull original master

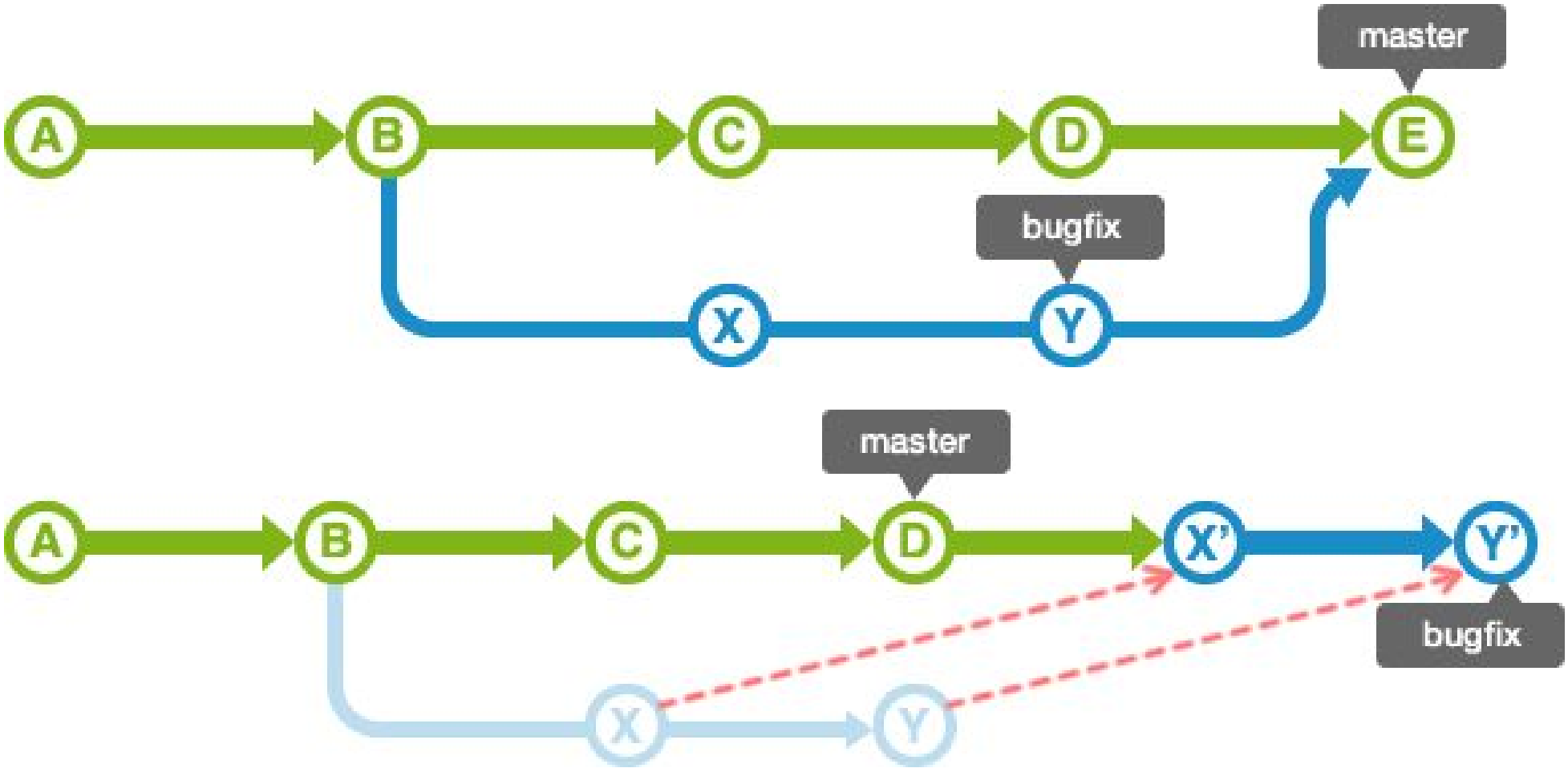
Conflit on

~$ $ git log --graph --oneline

~$ git clone https://github.com/SanghunOh/lectureHtml.git ./Downloads/downGit

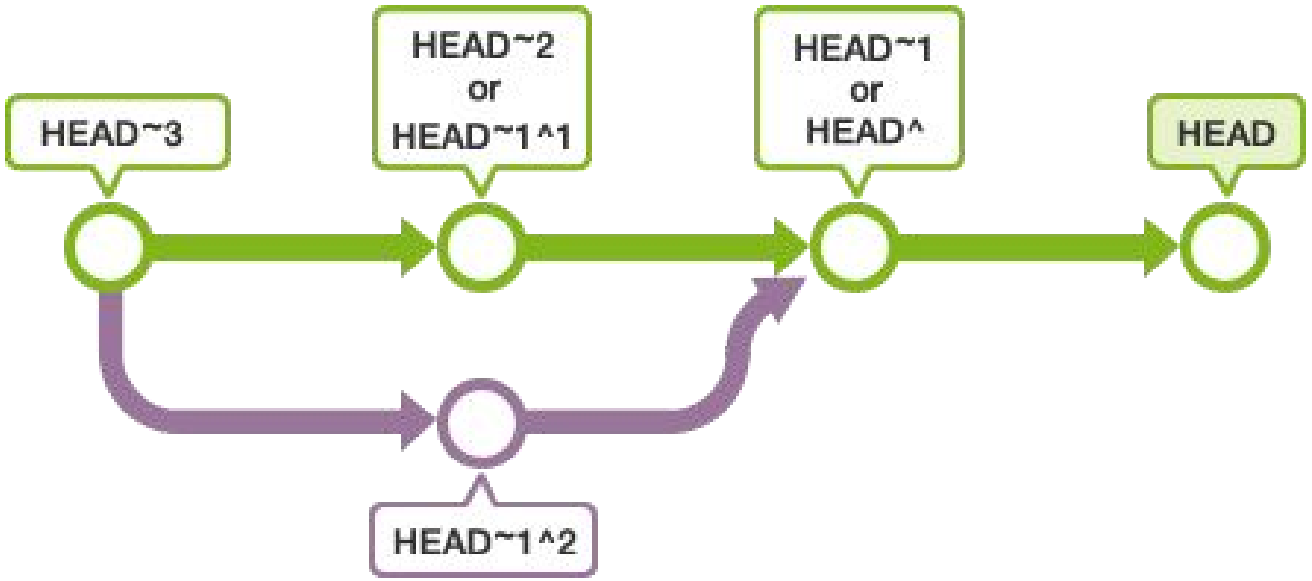
Git(Branch)

- Main branch : master(배포 가능본), develop(개발본)
- Feature branch : 새로운 기능 개발 및 버그 수정본.
- Release branch : 정상동작 확인 후 master와 병합, prefix ‘release-’
- Hotfix branch : 배포 후 긴급 수정본, prefix 'hotfix-'



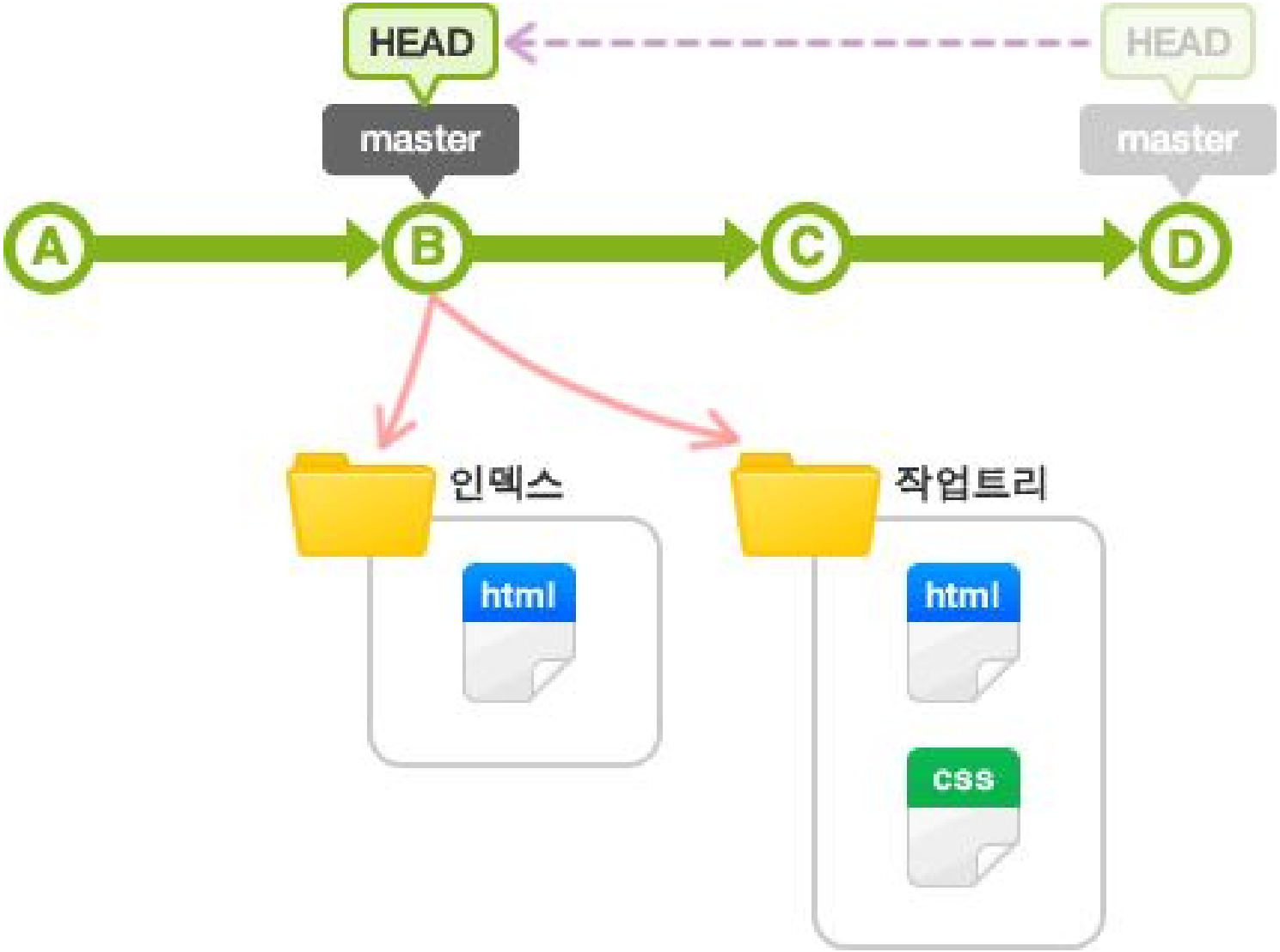
Try - Git(Branch)

~$ git branch feature
~$ git branch
~$ git checkout feature → or git checkout -b <branch>
~$ touch feature_file.txt
~$ git add . ~$ git commit -m 'add files' ~$ ls
~$ git checkout master
~$ git merge feature → delete : ~$ git branch -d feature
~$ git reset --hard HEAD~
~$ git tag -a ver0.1 -m 'version 0.1'
~$ git tag -n → delete : ~$ git tag -d version01



Git(Revert)

- revert : 특정 commit 삭제
- reset : 이전 commits Rollback(대상 : soft-commit, mixed-index, hard-worktree)
- cherry-pick : 다른 브랜치에서 지정한 커밋을 현재 브랜치로 복사

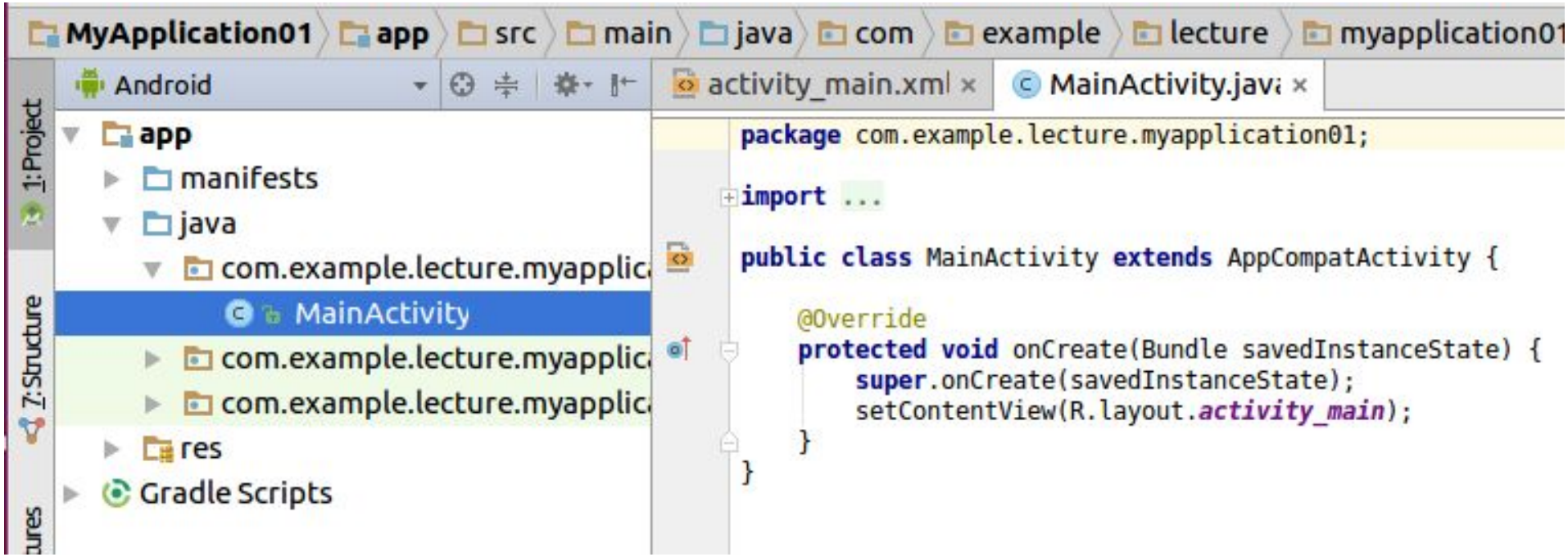


Try - Git(Revert)

```
~$ git init
~$ git add README.md
~$ git commit -m "first commit"
~$ git remote add origin https://github.com/SanghunOh/testGit.git
~$ git push -u origin master
~$ touch first.txt
~$ git add .
~$ git commit -m "first commit"
~$ git revert HEAD
~$ touch second.txt third.txt
~$ git add .
~$ git commit -m "files commit"
~$ git reset --hard HEAD~~
~$ git reset --hard ORIG_HEAD
~$ git log --graph
~$ git rebase -i HEAD~~~
modify pick → squesh
~$ git log --graph
```

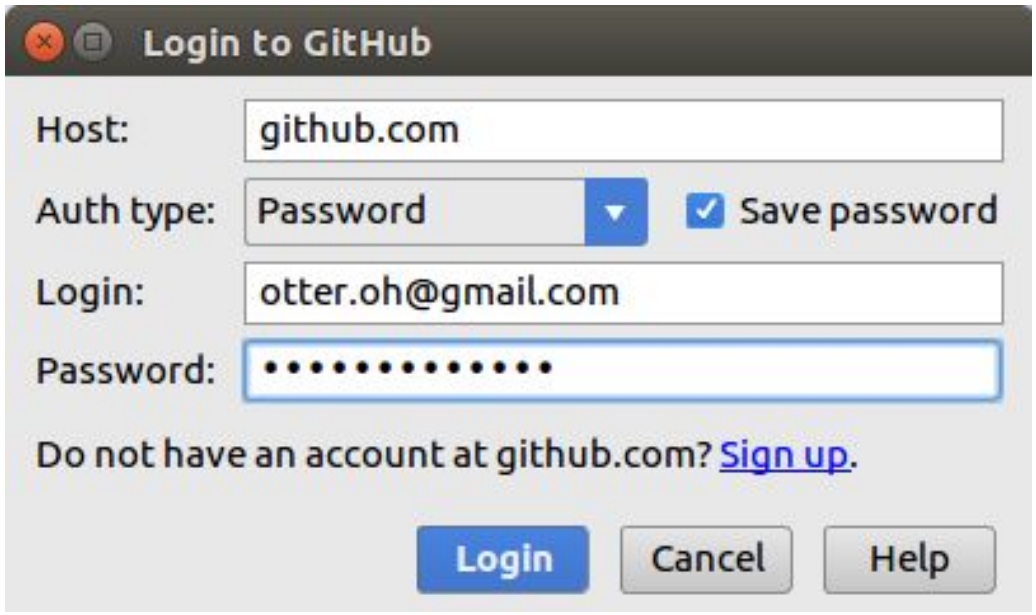
Android Studio

- Install git
  - sudo apt -y install git
- Create Project

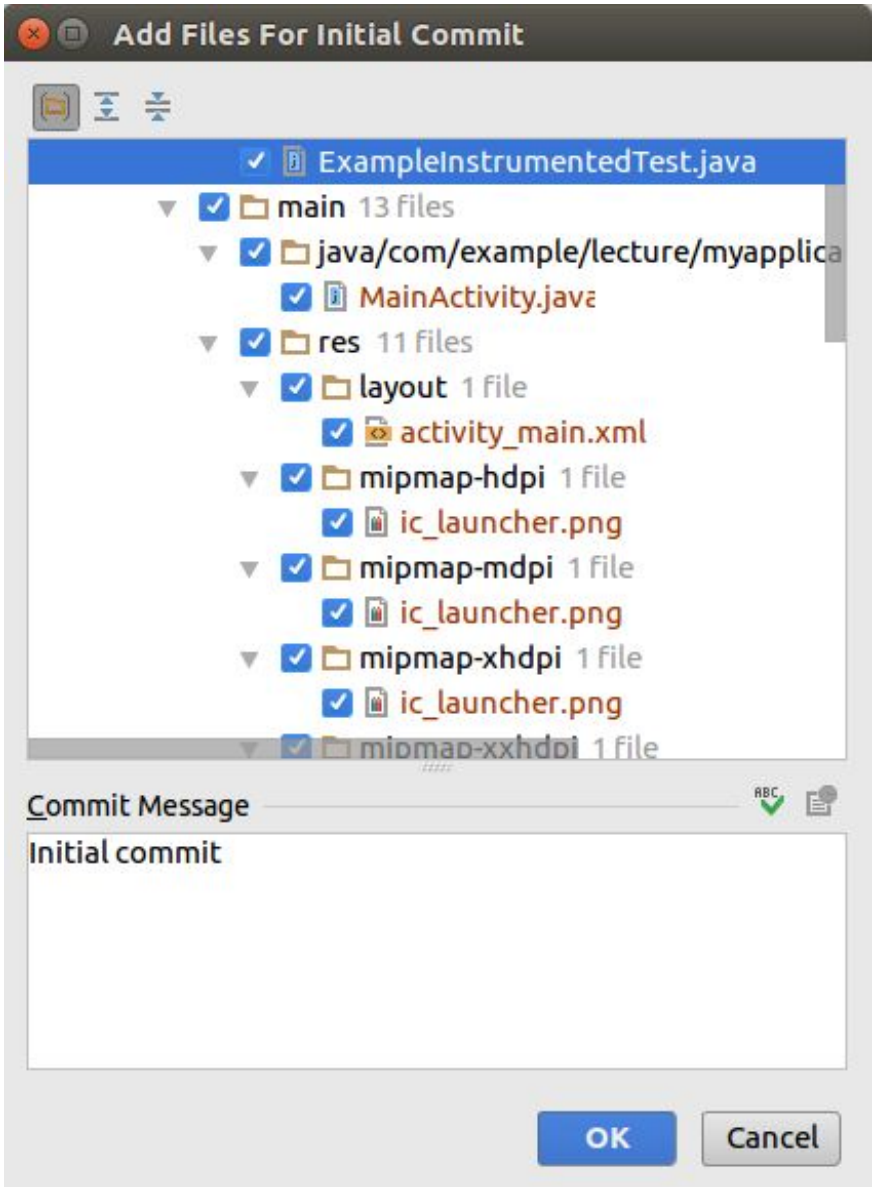


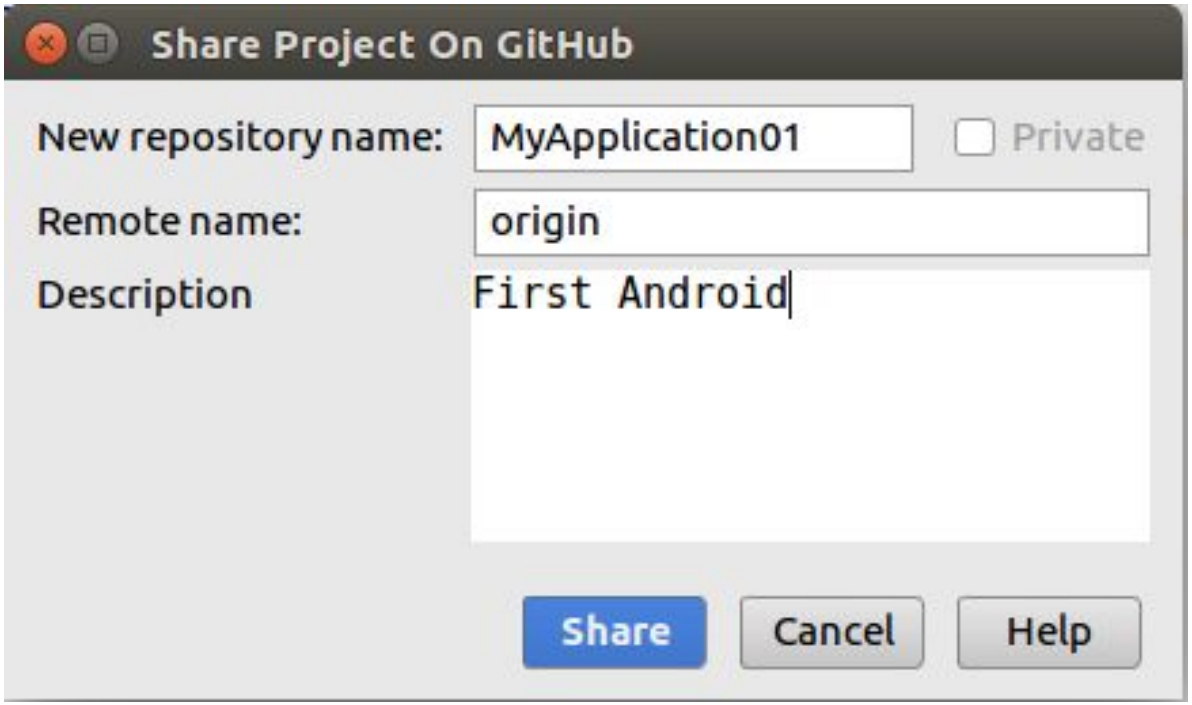
- Shared Project
  - VCS > Import into Version Control > Share Project on GitHub

- Shared Project
  - VCS > Import into Version Control > Share Project on GitHub
- Login to GitHub

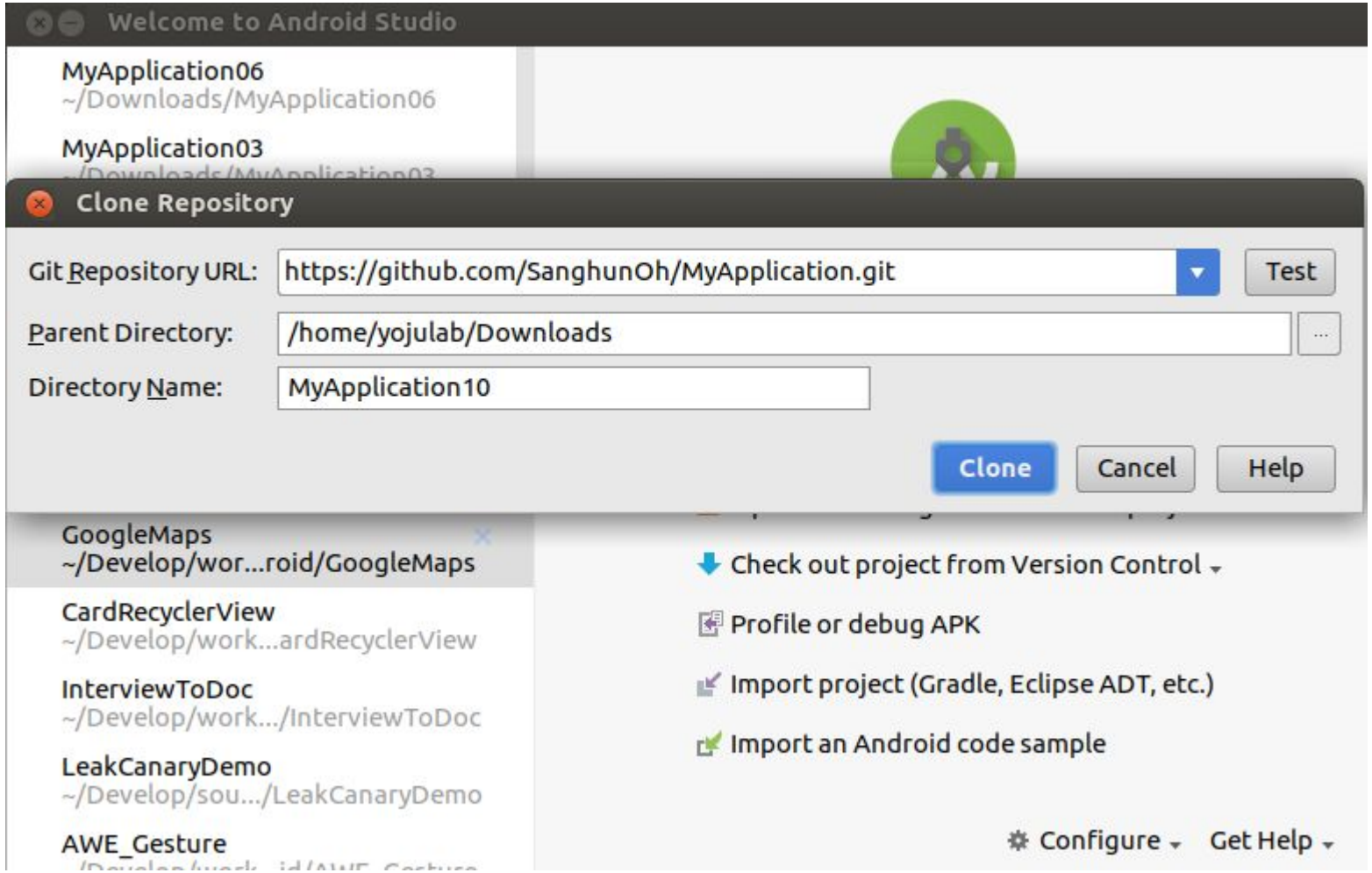


❖ Add Files For Initial Commit





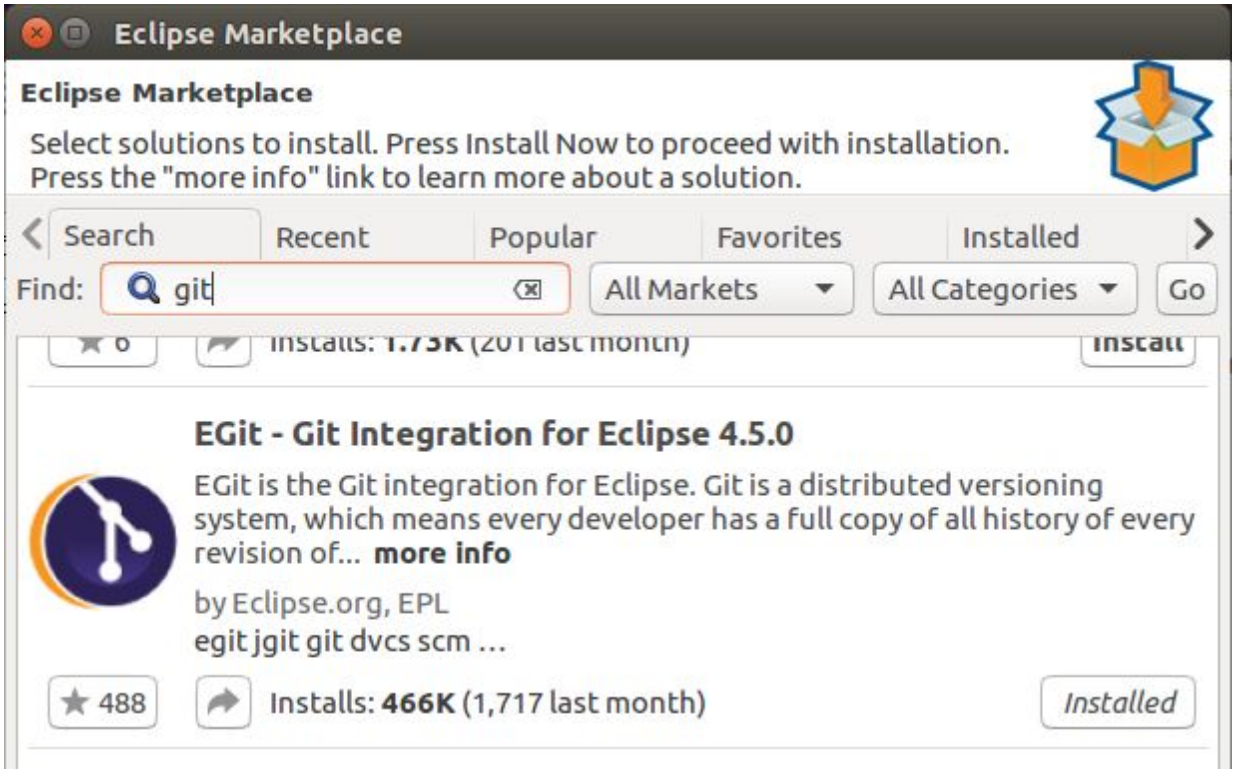
- clone Project



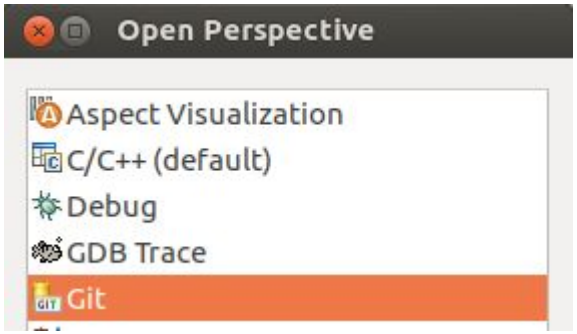
- Sync Project with Gradle files

Eclipse - plugin Egit

- PlugIn EGit

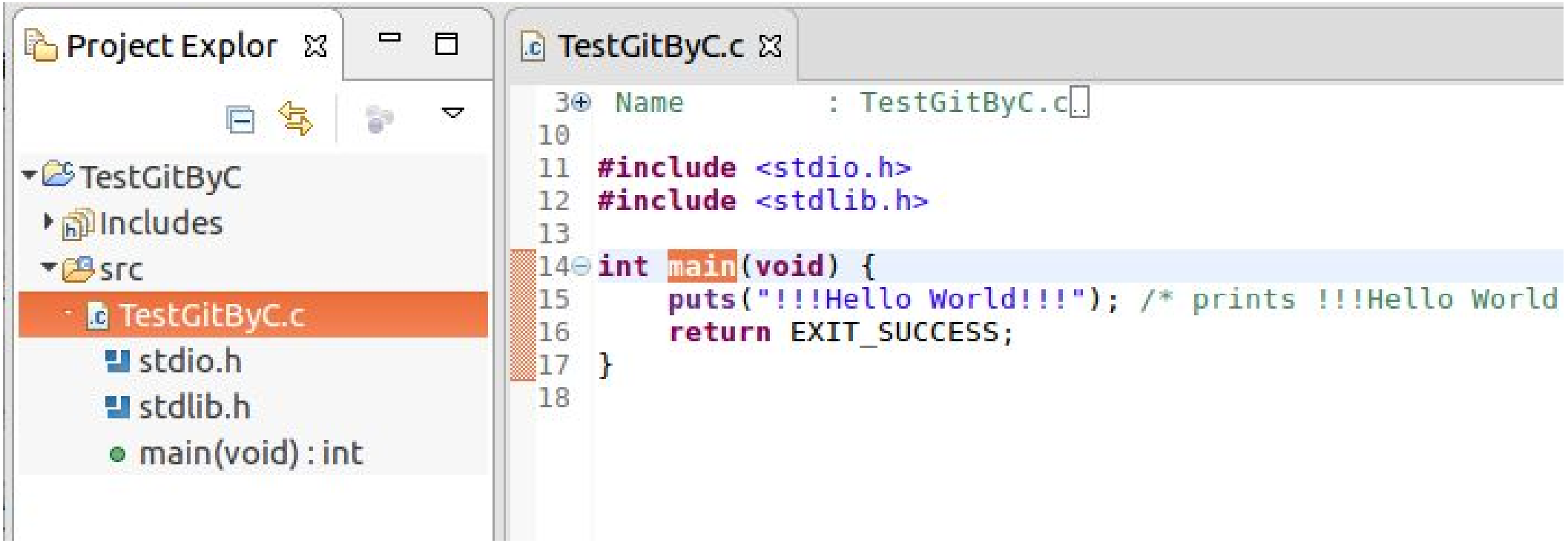


- Open Git From Perspective



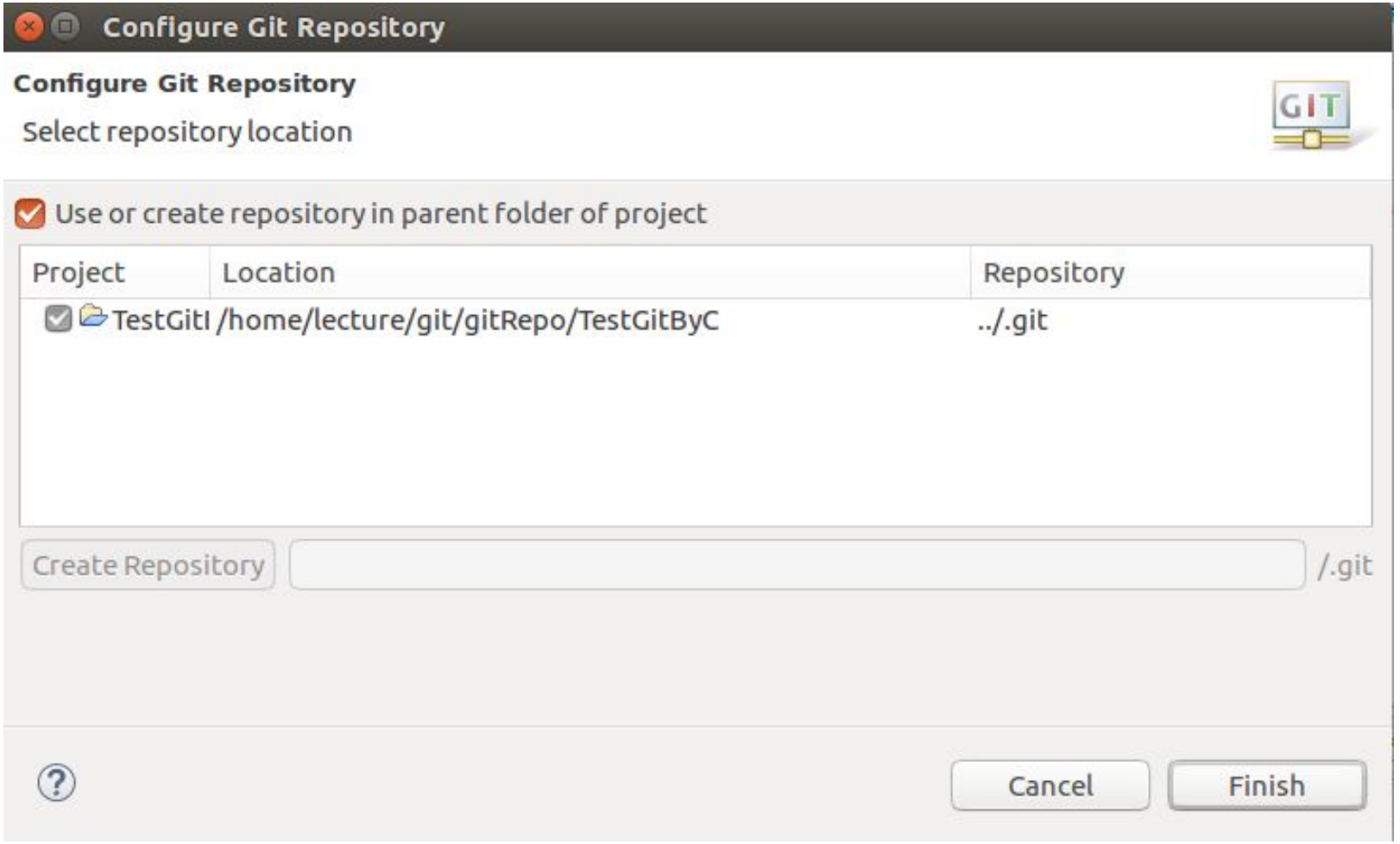
Eclipse - initial Project(1)

- Create Project



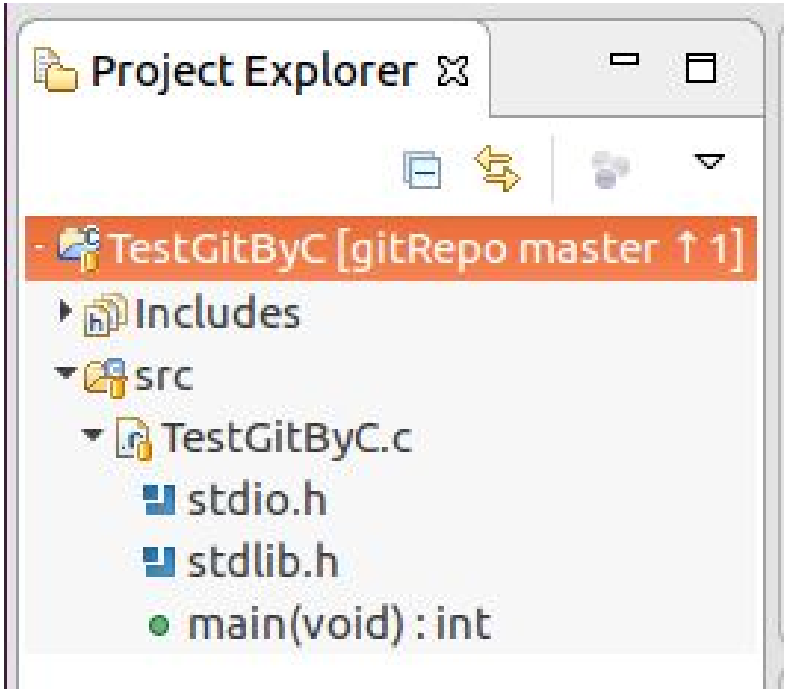
Eclipse - initial Project(2)

- Team > Share Project

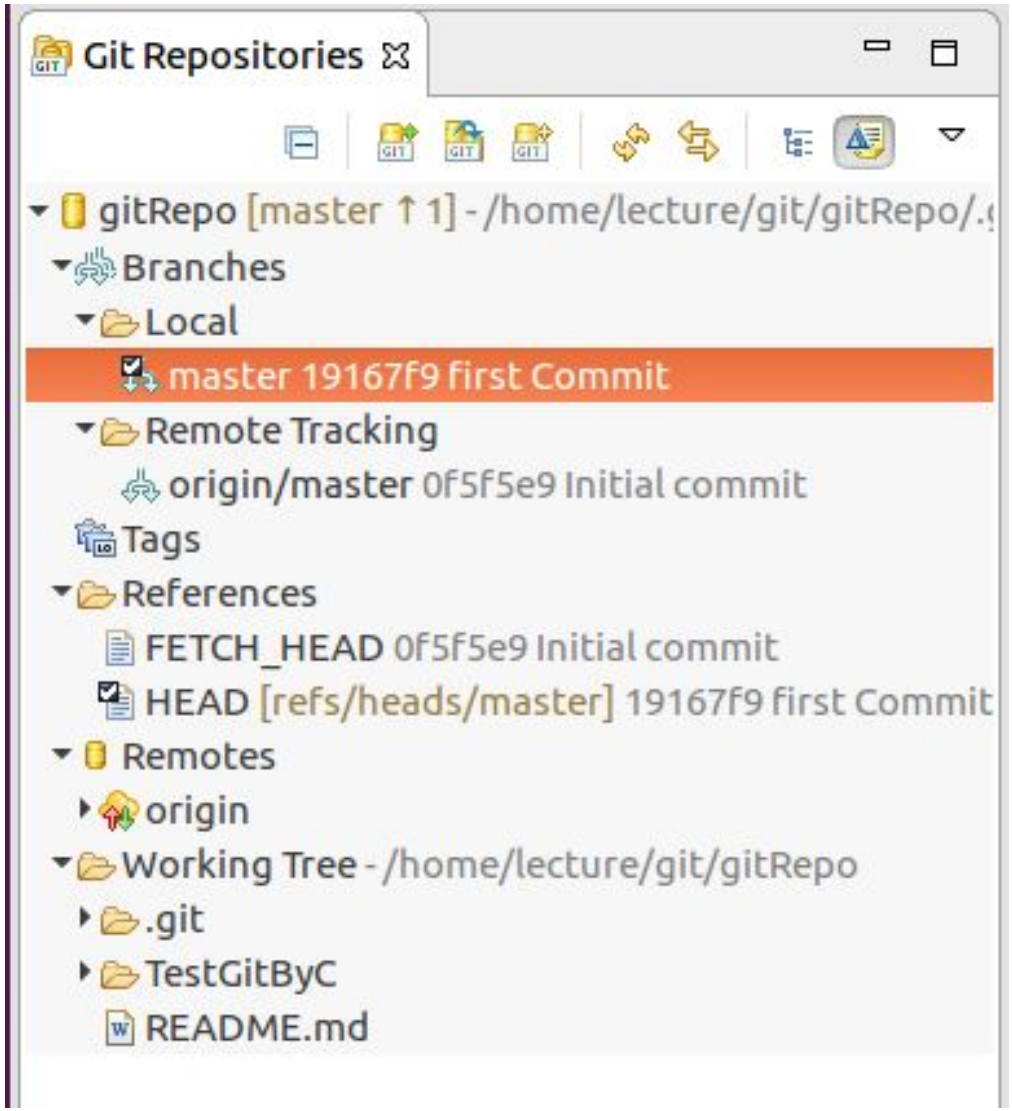


Eclipse - Commit & push(1)

- https://github.com/ → Login
- Create New Repository
- Commit To Local Git

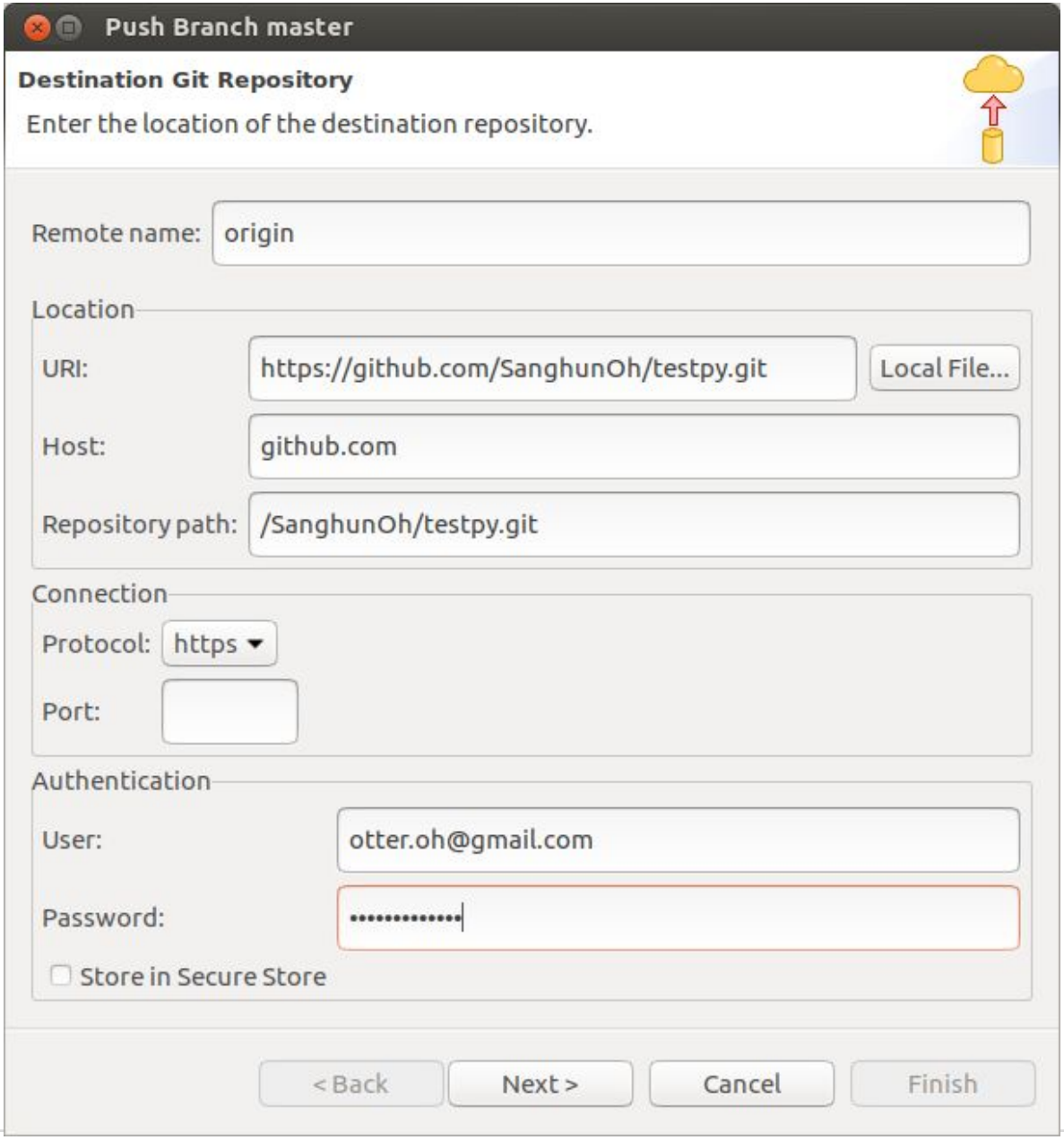


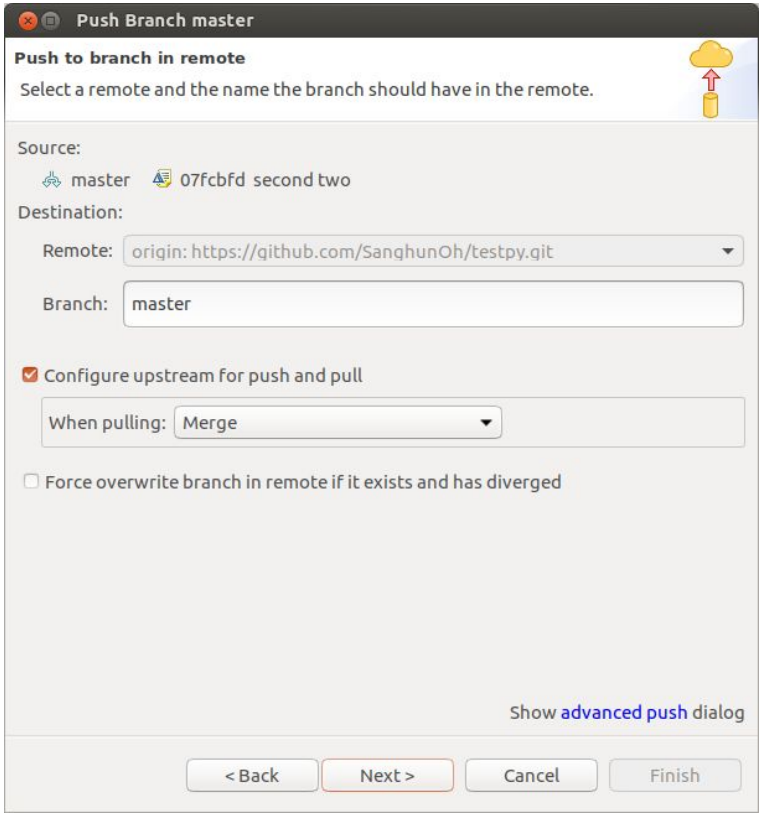
- Push To Remote Github



Eclipse - Commit & push(2)

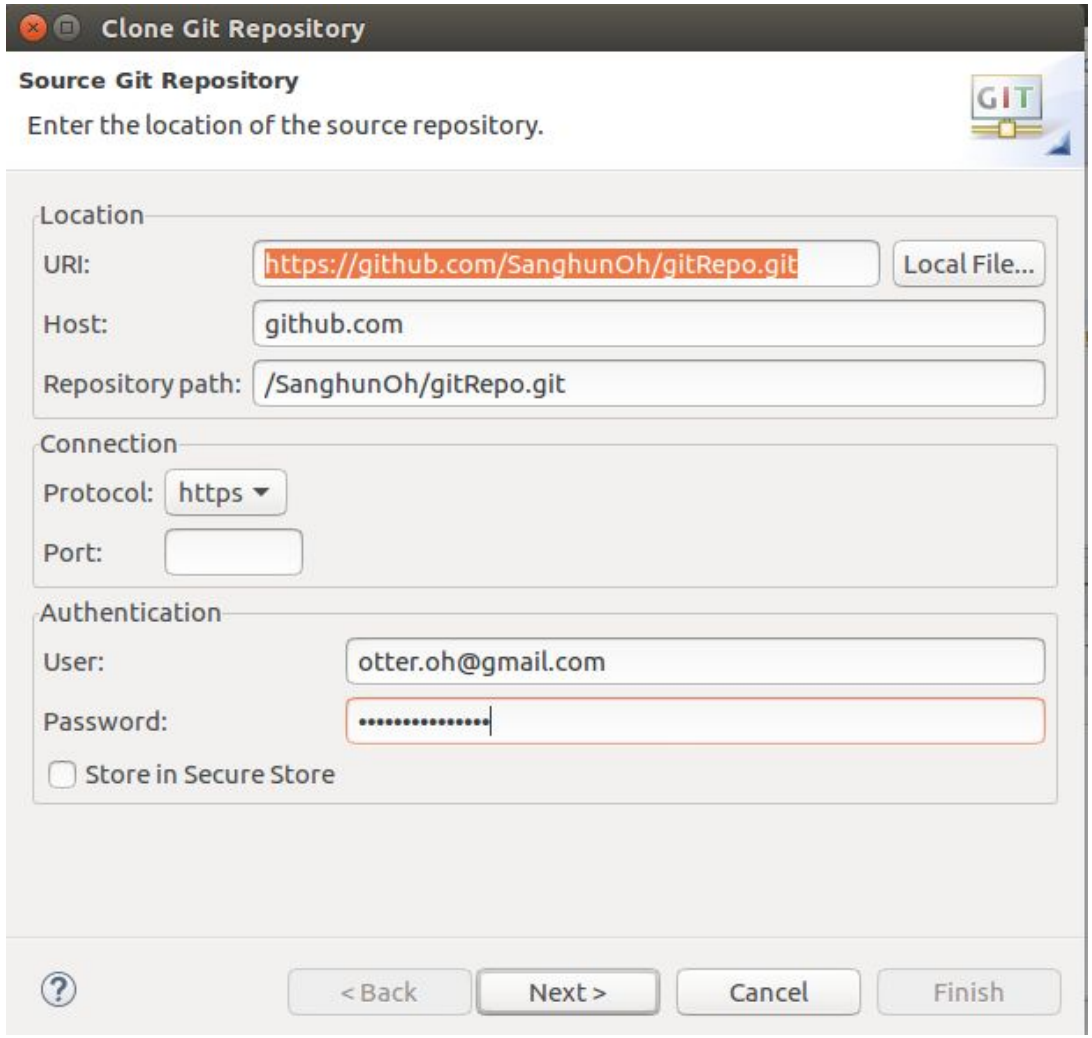
❖ Enroll Remote Git URI

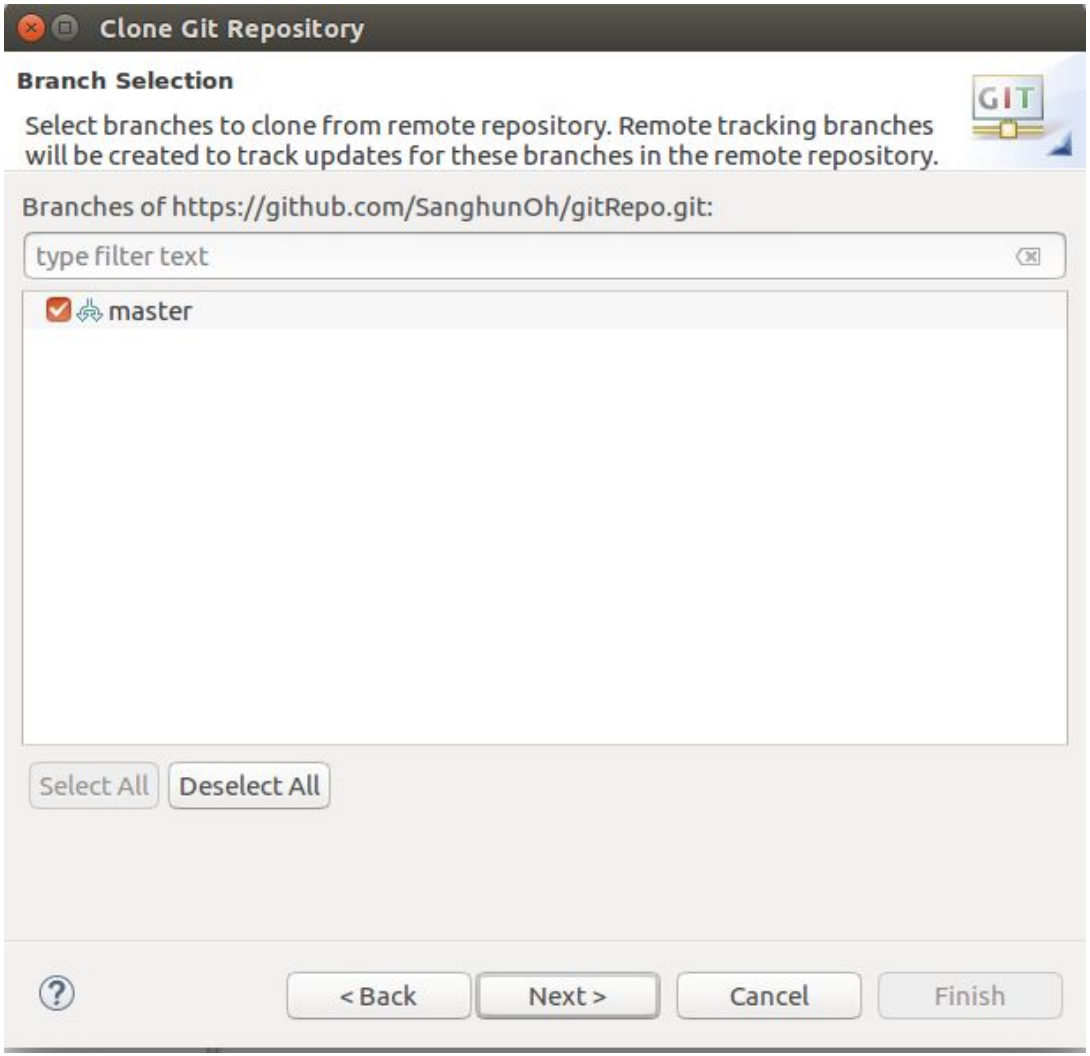




Eclipse - Clone Project(1)

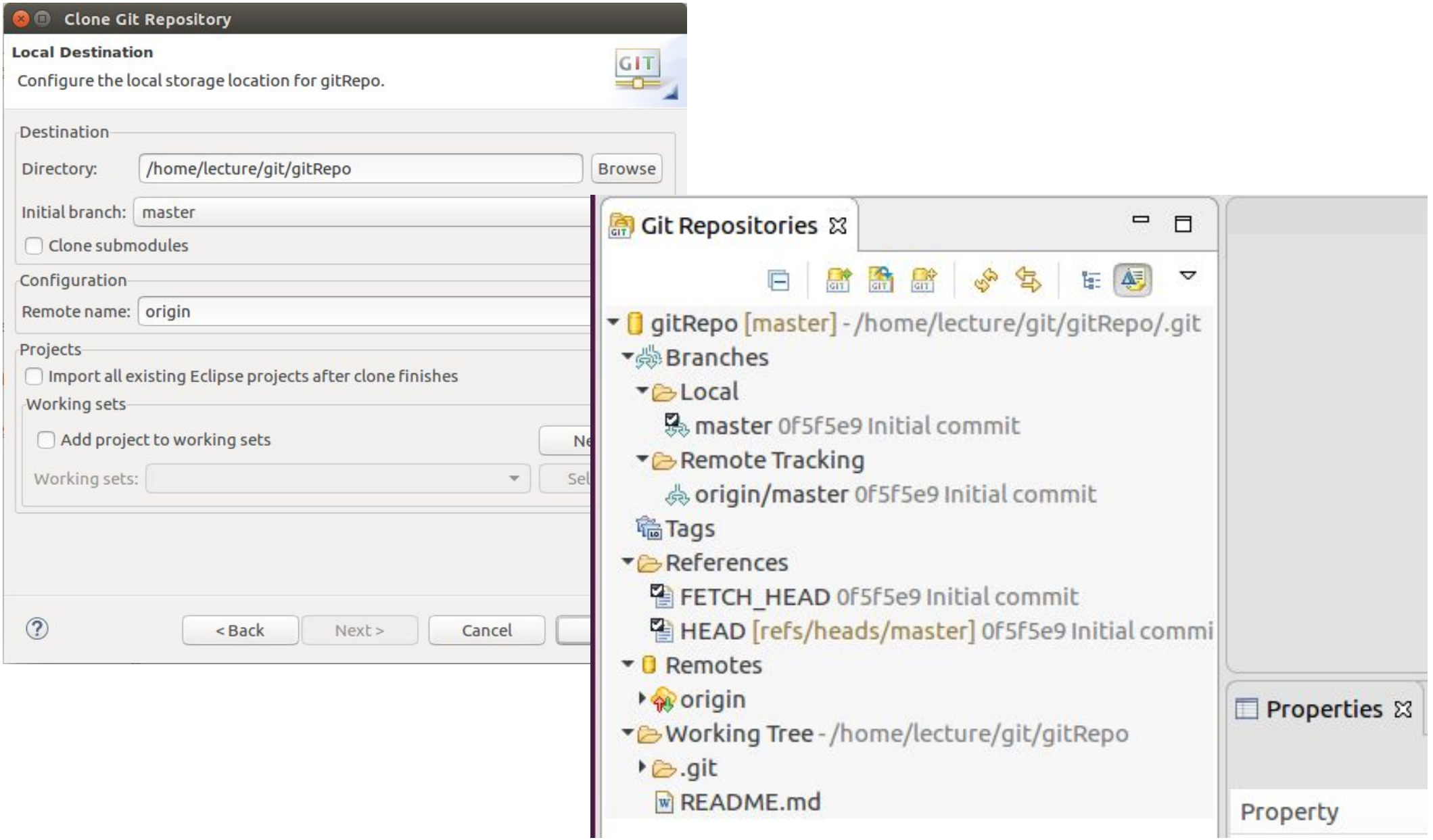
- Window > Perspective > Open Perspective > Other
- Open Perspective -> Click ‘Git’





Eclipse - Clone Project(2)

- Check ‘import all existing …’




수고하셨습니다.