

Github repo 실험

과목명: 소프트웨어공학

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(1) 자신의 github 계정의 repo 하나를 EC2 기계에 clone 한다 -> clone 해 온 것을 보여 줄 수 있는 화면을 캡처

```
ubuntu@ip-172-31-46-20:~/remote-repo$ git clone https://github.com/swe2022-1/github_repo_hw .
Cloning into '.'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (9/9), done.
```

(2) EC2 기계에서 branch를 새로 만들어 그 branch에서 clone 해 온 파일 하나를 수정한다 -> 이 과정을 보여주는 화면 캡처

```
ubuntu@ip-172-31-46-20:~/remote-repo$ vim textfile.t
ubuntu@ip-172-31-46-20:~/remote-repo$ cat textfile.t
main branch 1
ubuntu@ip-172-31-46-20:~/remote-repo$ git checkout new_branch
Switched to branch 'new_branch'
ubuntu@ip-172-31-46-20:~/remote-repo$ vim textfile.t
ubuntu@ip-172-31-46-20:~/remote-repo$ cat textfile.t
main branch 1
new_branch 1
```

(3) 수정한 파일을 commit 하고 commit 된 파일을 포함하여 clone 해 온 전체를 github에 push 한다 -> 화면 캡처

```
ubuntu@ip-172-31-46-20:~/remote-repo$ git push origin new_branch
Username for 'https://github.com': swe2022-1
Password for 'https://swe2022-1@github.com':
Counting objects: 3, done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 291 bytes | 291.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'new_branch' on GitHub by visiting:
remote:   https://github.com/swe2022-1/github_repo_hw/pull/new/new_branch
remote:
To https://github.com/swe2022-1/github_repo_hw
 * [new branch]      new_branch -> new_branch
```

(4) github 계정의 해당 repo에 가서 pull request를 확인하고 허락하여 merge 한다
-> 과정을 알아 볼 수 있도록 필요한 화면들을 캡처

swe2022-1 / github_repo_hw Public

Pin

Unwatch

<> Code

Issues

Pull requests

Actions

Projects

Wiki



new_branch had recent pushes 1 minute ago

Compare & pull request

main

2 branches

0 tags

Go to file

Add file

Code

swe2022-1 Create textfile.t

f21dee5 22 minutes ago 3 commits

README.md

Update README.md

1 hour ago

textfile.t

Create textfile.t

22 minutes ago

Add more commits by pushing to the new_branch branch on swe2022-1/github_repo_hw.



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.



Pull request successfully merged and closed

You're all set—the new_branch branch can be safely deleted.

Delete branch