

12202018 - GIT

Friday, December 21, 2018

2:00 PM

12/20/2018

Work Environment Example

Omer will create a folder in his desktop named omer-backend

Omer will initialize the project inside omer-backend folder in terminal with git init

Omer will copy all the files for this project to this folder

Omer will create .gitignore file for ignoring specific files and folder (like node_modules, log files etc.)

Omer will stage all the files on this folder (git add .)

Omer will create initial commit with git commit -m "initial commit"

Omer will go to Github and create an empty repository (without initializing with readme file)

Omer will copy the link of remote repo which is ending with .git

(<https://github.com/ofuslu/omer-backend.git>)

Omer will link his local repo with remote repo (git remote add origin

<https://github.com/ofuslu/omer-backend.git>)

Omer is sharing us the project address (<https://github.com/ofuslu/omer-backend>)

Now its our part

Go to Github

Login to your account

Go to the link provided by Omer (<https://github.com/ofuslu/omer-backend>)

At the right upper corner click fork

Now you've cloned Omer's project to your github account

Get the clone link from your account.

Go to your computer and create a folder names projects

Go to this folder on terminal (cd your folder address)

Git clone your-clone-address from your account

Now you should see your project inside projects folder. (omer-backed)

Go into this folder

Link Omer's remote repo to your local repo (git remote add upstream

<https://github.com/ofuslu/omer-backend.git>)

Write **git remote -v** on your terminal

If you see 4 repo on your screen you're good to go.

Omer will update conf.js file, commit on local repo and push it his github repo (git commit -am "second commit"

Git push origin master)

Now we're pulling the data from Omer's repo with **git pull upstream master**

And we're now one commit ahead of our remote repo

We're pushing our local repo to remote repo **git push origin master**

Now we're able to see the second commit that omer did on his repo on our github repo since we first carried the commit to our local and then local to remote repo

Next, We're changing spec.js file on our local machine and save it

Commit it (git commit -am "erics commit")

Git Stash

It is used to stash your files temporarily to the 4th area. (Stash)

Commands:

Git stash : it stashes whatever you have on working directory and staging area

Git stash --include-untracked: it also stashes untracked files

Git stash list: gives you your stashes list

Git apply StashName (stash@{0}) : When you want to use your stashed items you apply to relevant area(working/staging)

Git drop Stashname: deletes the stash from Stash Area

Git pop Stashname: it applies and drops the stash at the same time.

Task about a stash:

Create a new file and write something

git add .

Stash this file

Create a new file write something and stage it

Stash this file

Modify an existing file and stage it (Tobe modified)

Stash everything

Modify the same file, stage it

Unstash the files

Solve merge conflicts

Commit

Unstash the first file and delete the 2nd created file from stash.