

DOCUMENT FOR THE VERSION CONTROL SYSTEM

#STEP-1: am creating a New Repository in GitHub. After am installing git in my server COMMAND: yum install git - y. After cloning into my local server.

- COMMAND: git remote add origin REPOURL
- COMMAND: git remote -v : which repository have to integrate.
- After am initializing my Repository by using Command: git init.

#STEP-2: Now am creating some branches

- COMMAND: git branch branch_name

1. git branch dev

2. git branch feature

3. git branch main.

- we can list of branches COMMAND: git branch.

- After am pushing those branches from local to central by using:

- 1.COMMAND: git push -u origin dev feature main OR git push -u origin --all

#STEP-3: USE PULL REQUESTS TO MERGE.

- After in my GitHub am using COMAPRE & PULL REQUEST for merging branch to branch.
- like base and compare in Github.

- In Local Platform we are using COMMAND: git merge branch_name.

- here merging means changes in one branch to another branch.

#STEP-4: USE .gitignore and tags.

- GIT IGNORE: It means when you don't want to track some specific files then we use a file called .gitignore.

- here am creating some files like touch aws azure gcp in dev branch.

1.COMMAND: git status (To check the status of files).

- now am implementing .GITIGNORE

- vim .gitignore (aws azure) so am hiding some files.

- After you have to check that those are hidden files.

GIT TAGS: 1.These tags are labels that you can place on specific commits in a git repository.

2. These tags provide a way to give meaningful names to important points in the project history.

- COMMAND: git log (To check the list of commits).

- In my server 10 commits are there. those 10 commits am dividing for suppose 3commits for bus tags, 4commits for movie tags, 3commits for metro tags.

- COMMAND: git tag tag_name (To create a tag).

- COMMAND: git tag -m "message" tag_name.

- COMMAND: `git tag` (to check the list of tags).

- COMMAND: `git show tag_name` (To see the details of tag)

- COMMAND: `git tag -d tag_name` (To delete the tag).

#STEP-5: NOW AM PUSHING THOSE TAGS INTO GITHUB.

- COMMAND: `git push origin bustag movietag metrotag`.