

Key Words

SSH protocol - a method for secure remote login from one computer to another

Repository - The folders of your project that are set up for version control

Fork - A copy of a repository

Pull request - The process you use to request that someone reviews and approves your *changes before* they become final

Working directory - a directory on your file system, including its file and subdirectories

Basic Git Commands

- create a new local repository using `git init`
- create and add a file to the repo using `git add`
- commit changes using `git commit`
- create a branch using `git branch`
- switch to a branch using `git checkout`
- check the status of files changed using `git status`
- review recent commits using `git log`
- revert changes using `git revert`
- get a list of branches and active branch using `git branch`
- merge changes in your active branch into another branch using `git merge`

Member of Project**Developer**

Git-clone from the upstream to prime the local repository

Git-pull/Git-fetch from origin to keep up to date with the upstream

Git-push to shared repository

Git-format-patch to prepare email submission

Integrator - responds to pull request and publish the result for others to use

Git-am to apply patches emailed in from your contributors

Git-pull to merge from your trusted lieutenants

Git-format-patch to prepare and send suggested alternative to contributors

GitHub Repository Admin

Git-daemon to allow anonymous download from repository

Git-shell can be used as a restricted login shell for shared central repository users

Git-http-backend

```
git checkout -b <name of branch>
```

```
git add .
```

```
Git log --oneline
```

- 1.git clone <HTTP>
- 2.Navigate to our repository using cd <repository name>
- 3.git checkout -b <name> to create a new branch
- 4.You can check that you are in the new branch by using the git status
- 5.git add . to add commit of change file
- 6.git config --global user.email "email@example.com"
- 6.git config --global user.name "Your Name"
- 7.git commit -sm "Changing the height and the width of the circle"
- 8.git branch for checking branch
- 9.git checkout master
- 10.git merge <branch name>
- 11.git push origin main