

Git Stated With Github

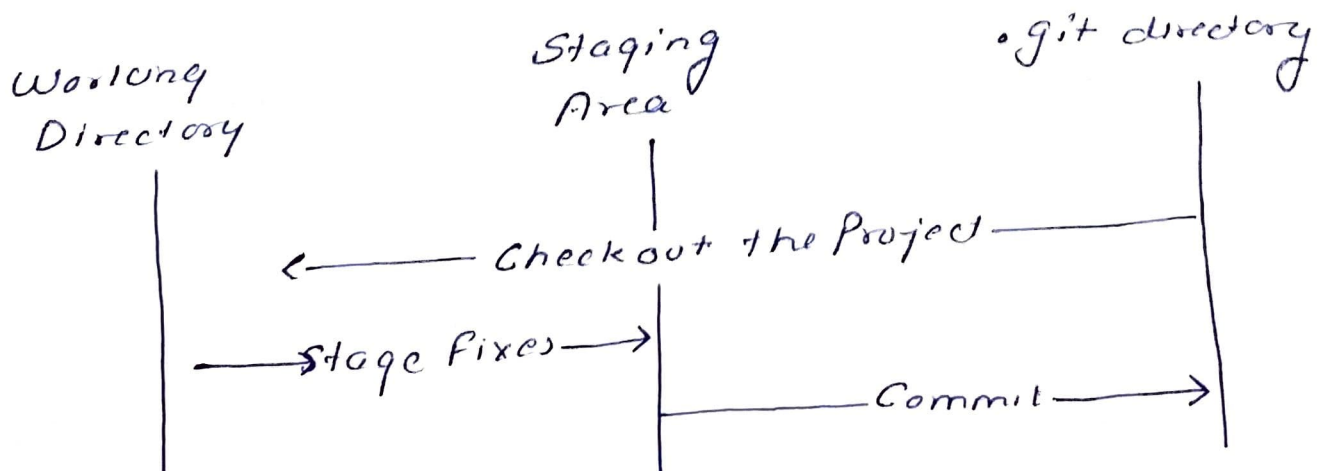
Git :-

Git is a free source distributed version control system designed to handle everything from small to very large projects with speed & efficiency.

Git is easy to learn and has a tiny footprint with lightning fast performance. It outclasses SCM tools like Subversions, CVS, Perforce & clearCase with features like cheap local branching, convenient staging areas & multiple workflows.

The three states :-

- Modified :- Modified mean that you have changed file but not committed it to your database yet.
- Staged :- Staged means that you have marked a modified file in its current version to go into into next commit snapshot
- Committed :- Committed means data is safely stored into local database



GitHub :

GitHub is basically a version control using git. It offers the distributed version control & Source Code Management (SCM) functionality of git along with its own features. It provides various other features such as access control, various collaboration features such as bug tracking task management, & continuous Integration etc. GitHub offers its basic services free of charge, whereas its advanced professional & enterprise services are commercial. & people use github account to provide open source projects

Git Commands :-

• Git Configuration

git version

git config --global user.name "Subhisharma"

git config --global user.email "abshorma9801241999@yahoo.com"

git config --global --list.

• Clone Repository

git clone url_of_github // use github url here

ls

cd github-demo

ls

git status

- Git Exploring

git --help

- Git Initialization

git init

- git Basic Operation

git add 'filename'

git status

git commit -m "first commit"

- Publishing changes to github

git push origin master.