

Git

Version Control

Git - Version Control System

Git is a version control system.

Manages different version of files

Track changes (difference/comments), restore previous versions,

Git Server and Git Repository

A cloud-based service that runs the Git Server.

Git Repository is a data structure that includes all of the files and their version histories like changes and log comments on each version.

Git – Commands

\$ git clone

\$ git status

\$ git commit

\$ git push

\$ git pull

\$ git reset --hard

\$ git log

\$ git checkout

git clone

Clone or Copy a Repository to your Computer.

git status

Prints out the status of your current repository

git commit

Commits your changes to your repository

git push

Push the changes **to** the repository

git pull

Pull the changes **from** repository

git reset

Reset the changes

```
git reset --hard
```

git log

Print log history of changes

git checkout

Checkout specific version **to** your local repository

Git - Version Control System

Git is a version control system.

Older systems Subversion, CVS

Git is a distributed version control system.