Gut as a version Control System

Git is a distributed version control system where each user can make changes to an entire sepository on their System. It uses command line and coth git it is easy to and changes back and forth with a precise explanation of changes that are made. It has the ability of:

- Okeaping a track of the changes ie, different versions of the Same-file.
- 1) It also keeps a record of all fles

 Present in a project.
- (a) Comparing and analyzing different cates cofth a debailed explanation

The basic step to start coorking is a Guit environment is to have lucal repository and a remote repository.

Local Repository

A local sepository is a path or directory created by you on a local Computer that is coording directory. You corrite your code in this repository which is private to your until you push it to the remote sepository.

Remote Bepository

Remote repository & a public directory or is a public platform to host your website. Such as Guthub, Bit bucket. Using Guit, one Could easily push a piece of Code or an entire project to a remote repository.

What is get hub? Guthub is a provider of Internet hosting of saftware development and version control using git. It affers the distributed version Control and source code management functional of Guit, plus its occonfeatures. It provides access Control and Several Collaboration features Such as bug tracking, feature requests, task management, Continuous Integration and wikis for every project.

What is working directory and staging area?

In Computing, it is a directory of hierarchical file System. If any dynamically associated with each processit Sometimes called current working directory.

As stated in the git documention.
the working directory is a single checkout

of the project this essentially means if you check out a branch and are set on a particular commit.

Staging area

It is like a rough doaft Space, it's where you can git add the version of a file or multiple feles that we want to save in your next Commit.

It is a file that are going to be a past of next Commit, which lets git, know what changes in the fele are going to occur for the next Commit.

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