# Definition

* **Master Repository**: place where you upload your Committed files.
* **Local Repository**: place on you computer where you save and work on files
* **State/Revision**: basically a save fie of your repository (they never overwrite)
* **Commit**: store your files to a state/revision on your local repository. These commits serve as nodes.
* **Nodes**: “save files” of commits to the repository. Notes automatically Branch off of the Master Repository
* **Branch**: both a verb and a noun, referring how GIT branches off nodes when users commit their files.
* **Head**:most recent node on a branch
* **Merge**: Combines 2 branch heads together into 1 branch (usually with the Master Branch)
* **Push**: Uploads or sends all of your commits to the Master Repository
* **Fetch**: Downloads all of the commits from the Master Repository to your Local Repository (DOES NOT MERGE)
* **Pull**: Downloads all of the commits from the Master repository of your Local repository AND MERGES your most recent commit.