**Master Repository** – Place where you upload your committed files

**Local Repository** – Place on your computer where you save fi and work on files

**State/Revision** – Basically a save file 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. Nodes automatically Branch off of the master repository.

**Branch** – both a verb and a noun, referring how GIT branches off nodes when user 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 to your Local Repository and MERGES your most recent commit

Commit -> Push -> Fetch -> Merge -> Commit -> Push -> Fetch -> Merge

**Version Control System (VCS)**

**Source Code Management Tools (SCM)**

