# **What is Git?**

Git is a source control for many projects, it is used to manage a project over time, Git uses repository data structures to keep track of changes to its files. Git can be used for projects of all sizes and varying number of contributors. A Git repository will allow users to clone a project, branch it and then later merge it back in if they wish.

Git allows for online and offline development; the globally accessible repository is stored online via Github. Everyone who has a copy of the project on their local machine has the same content as the stored online one, they can view history and previous commits. This allows users flexibility to create commits locally and then later push them to the global repository when they have internet connection.

More@ <https://juristr.com/blog/2013/04/git-explained/>

**Commands at a glance**

<https://services.github.com/kit/downloads/github-git-cheat-sheet.pdf>

* git status
* git commit -m “message here”
* git push
* git branch
* git reset