Git Tutorial

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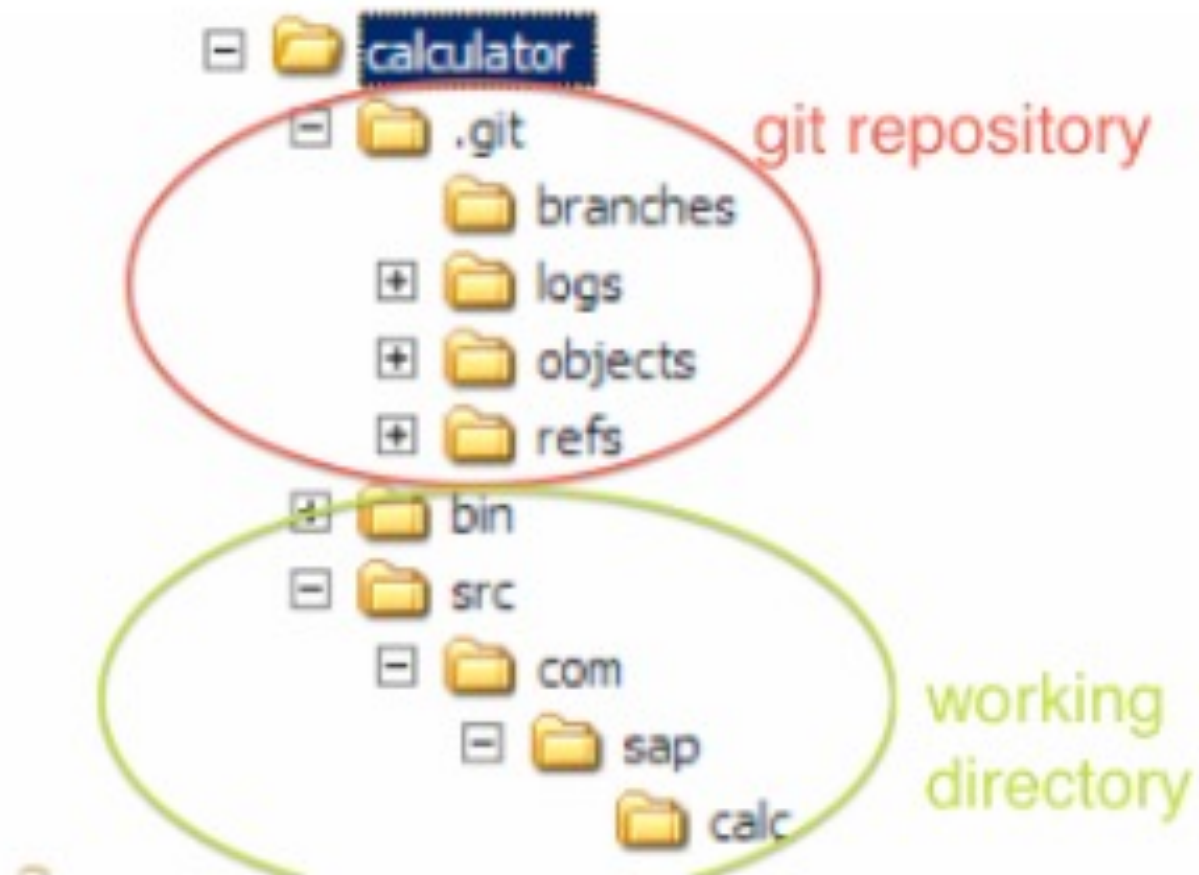# What is Version Control?

- A system that keeps records of your changes.

- Users keep entire code and history on their local machines.

- Allows for collaborative development.

- Allows you to know who made what changes and when.

- **Allows you to revert any changes and go back to a previous state.**

What is Git?

- A tool which allows you to manage and track changes to files over time.

- When you create a repository you will see a .git directory.

- **It keeps track of a file's history – its tracks changes and who made those changes.**
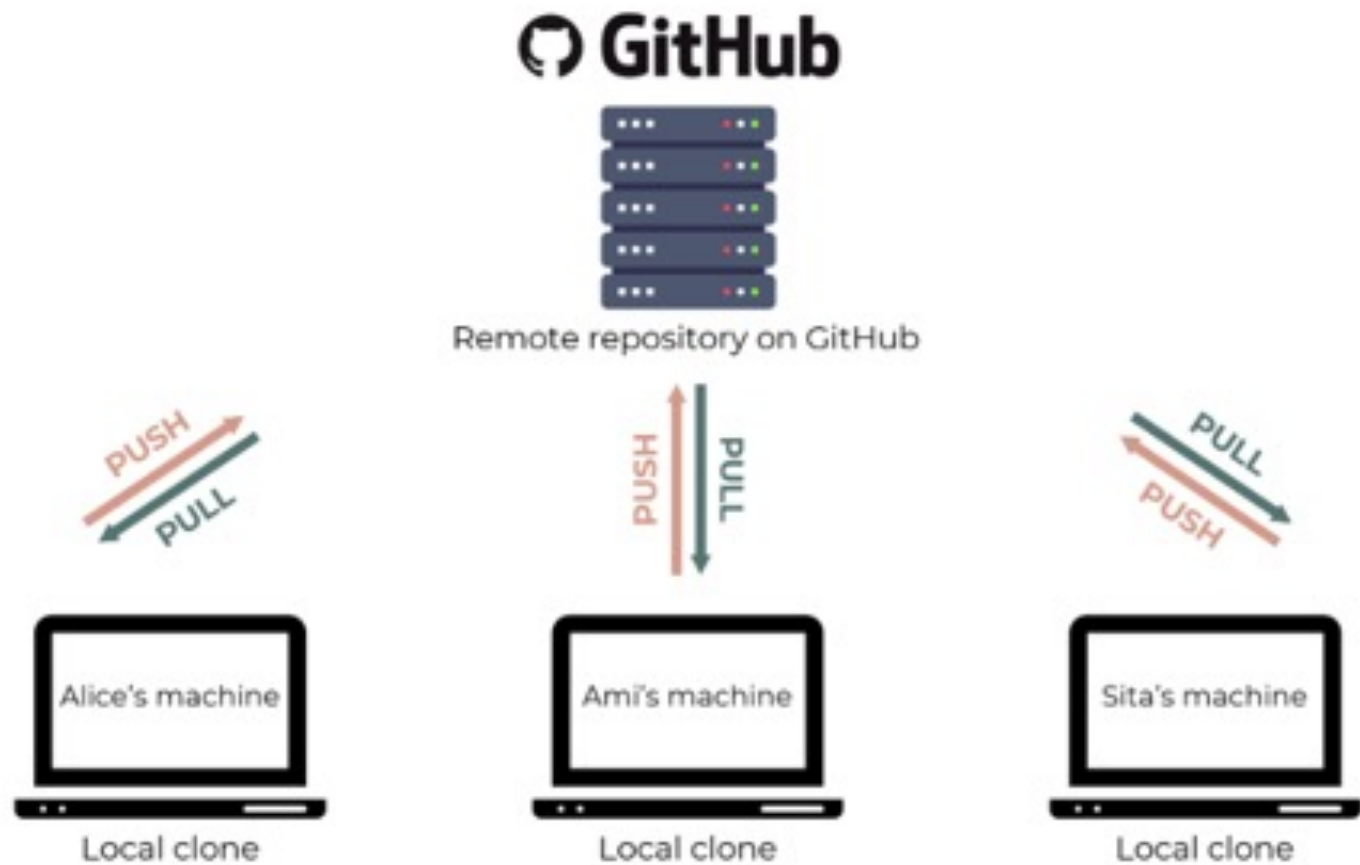
- Each version of a file is called a commit.

Git Concepts: Storage

What is a Repository? (Repo)

- A collection of all the files and the

  history of those files.

- which consist of all your commits.

- **A place where all your hard work is stored.**

What is GitHub?

- A remote repository in which you can host your local repository.

- **And a place to collaborate with others.**