

# Git & GitHub Dictionary

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- Git: a versioning system that keeps track of changes - allows you to go back, allows for collaboration, is locally stored.
- GitHub: Where we can access other's files, online repository for your codes (not only) (Backup place for your git projects). "cloud based" located ... remote ...

IMPORTANT: Don't do double `git init`

IMPORTANT: Don't remove the `.git` folder where your history is kept

## Conceptual Areas

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1. Developing area: The working directory
2. Staging area: Temporary space to store file before committing to the local repo.
3. Local repo: It is where the snapshots are saved
  - To access the history in the local repo so I can get information about who, when and what was modified I can use `log`. That will be useful when I want to travel in time.

## Git status allow me to check what files are

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1. to be staged: You have committed this file/folder before, you have made new changes and git recognises the new changes are not yet `add` not `commit`.
  2. to be committed: You have committed file before, you have made new changes and git recognises you have `add` **but not** `commit`
  3. Untracked: Is a completely new file/folder that **HAS NEVER** been `add` nor `commit`
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