

# Git and the Command Line

## What is Git?

- Git is a Technology to track changes to a project
- Helps multiple people to collaborate on a project

## What is Repository?

Repository (aka repo) is how we refer to a project in Version Controlled System by git

- **Local Repository** : Repo that is stored on a computer
- **Remote Repository**: Repo that is hosted on a hosting service

Project Directory: nachiketh\_demo

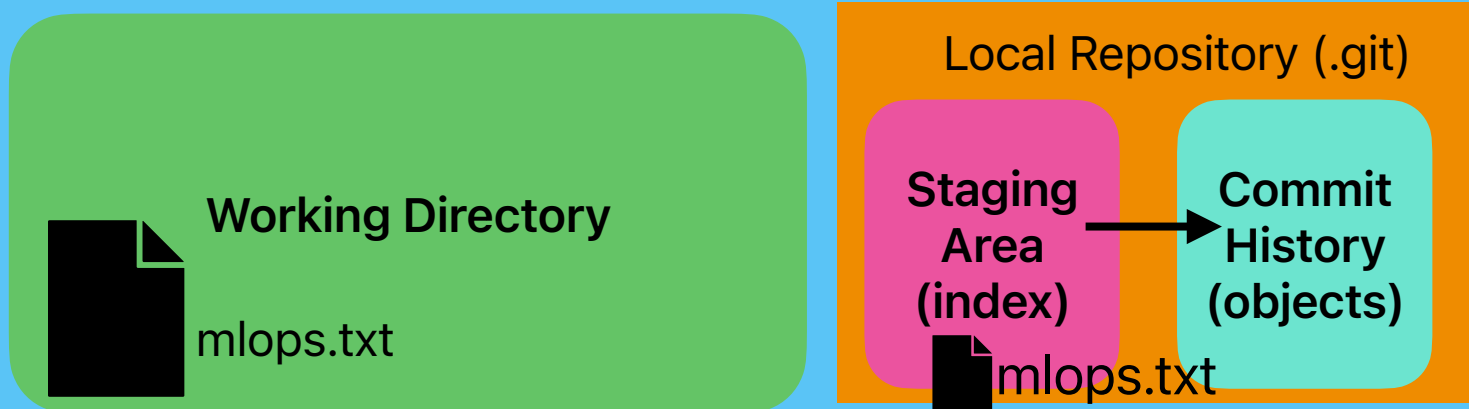


A light blue rectangular area represents the 'Project Directory: nachiketh\_demo'. Inside this area, on the right side, is an orange square labeled 'Local repository(.git)'.

## Areas of Git

- **Working Directory**
- **Staging Area**
- **Commit history**
- **Local Repository**

Project Directory: nachiketh\_demo



## Merge in GIT

- **Merge**
- **Rebase**