



# Git Basics





# WHAT IS IT USED FOR?

Put simply, Git is used for tracking changes in source code during software development





# BASIC WORKFLOW

- Staging
- Committing
- Pushing





# COMMON COMMANDS AND CONCEPTS



- **Cloning**

- **git clone** [REPO\_URL]

→ Staging

- **git add**

→ Username and email in Git config

- **git config** --global user.name [YOUR\_USERNAME]
  - **git config** --global user.email [YOUR\_EMAIL]

→ Local repository status

- **git status**



# COMMON COMMANDS AND CONCEPTS



- **Committing a change**
  - `git commit -m "message"`
- Pushing changes
  - `git push -u [REMOTE] [REMOTE_BRANCH]`
- Retrieving remote changes
  - `git pull [REMOTE] [REMOTE_BRANCH]`