Git Cheatsheet

Git is a version control system used for tracking changes in code and collaborating with others on software projects. Here is an overview of its features, commands, and resources.

Features

- Git allows developers to track changes in code over time.
- It is a distributed version control system, meaning that each developer has a complete copy of the codebase.
- Git supports branching and merging, allowing developers to work on different features or versions of the codebase simultaneously.
- Git provides tools for collaborating with other developers, including pull requests and code reviews.

Commands

Basic Commands

- `git init` : initialize a new Git repository
- `git clone` : clone an existing Git repository
- `git add` : stage changes for commit
- `git commit` : commit changes to the repository
- `git push` : push changes to a remote repository
- `git pull` : pull changes from a remote repository

Branching Commands

- `git branch` : list, create, or delete branches
- `git checkout` : switch to a different branch or commit
- `git merge` : merge changes from one branch into another

Collaboration Commands

- `git fetch` : download changes from a remote repository
- `git pull-request` : create a pull request to merge changes into a branch
- `git review` : review a pull request

Resources

Here are some resources for learning and using Git:

- Git Documentation
- Git subreddit
- Git Tutorial
- Git on Stack Overflow