

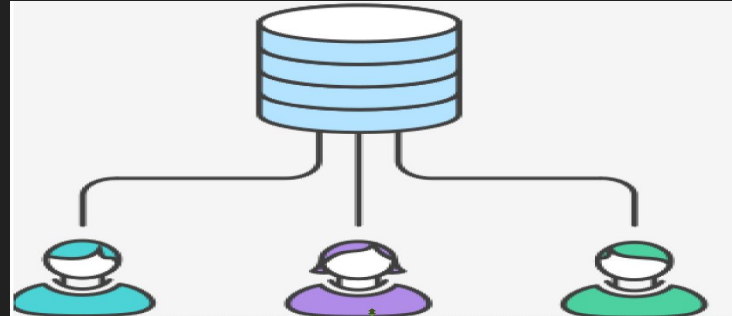
Some words about



What is Git for?



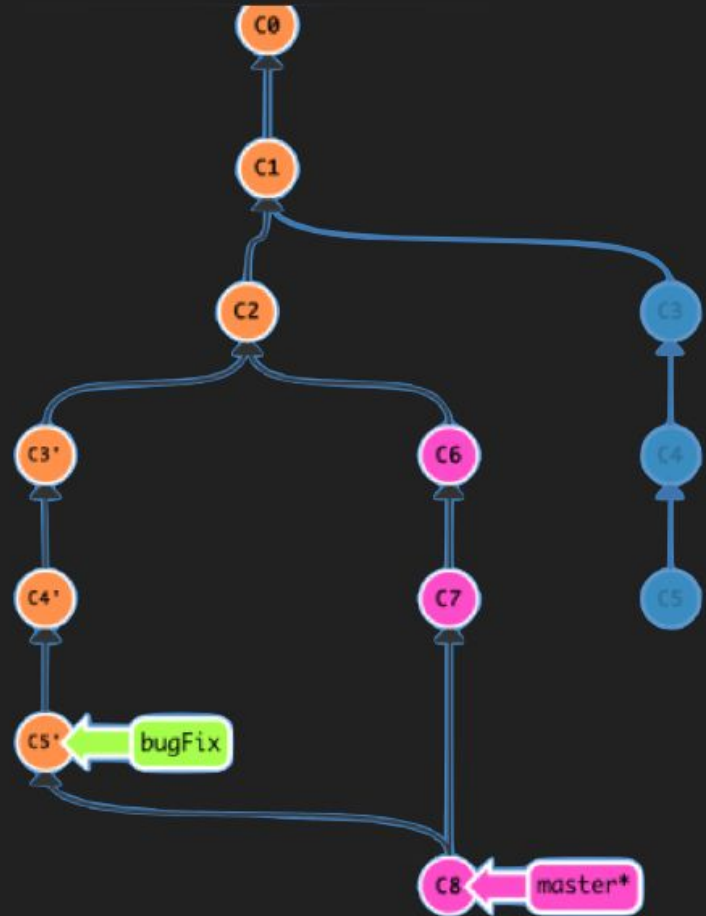
Comparing Workflows



Centralized Workflow

Git functionality

- ❖ Init head branch **C0** // git init
- ❖ Make commit **C1** // git commit -m "text"
- ❖ Create branch#1 **C3** // git branch "name"
- ❖ Make commit to head **C2**
- ❖ Make commit to branch **C4**
- ❖ Create another branch#2 **C6**
- ❖ Make commits **C4**, **C7**, **C5**
- ❖ Merge branch#2 and head **C8**



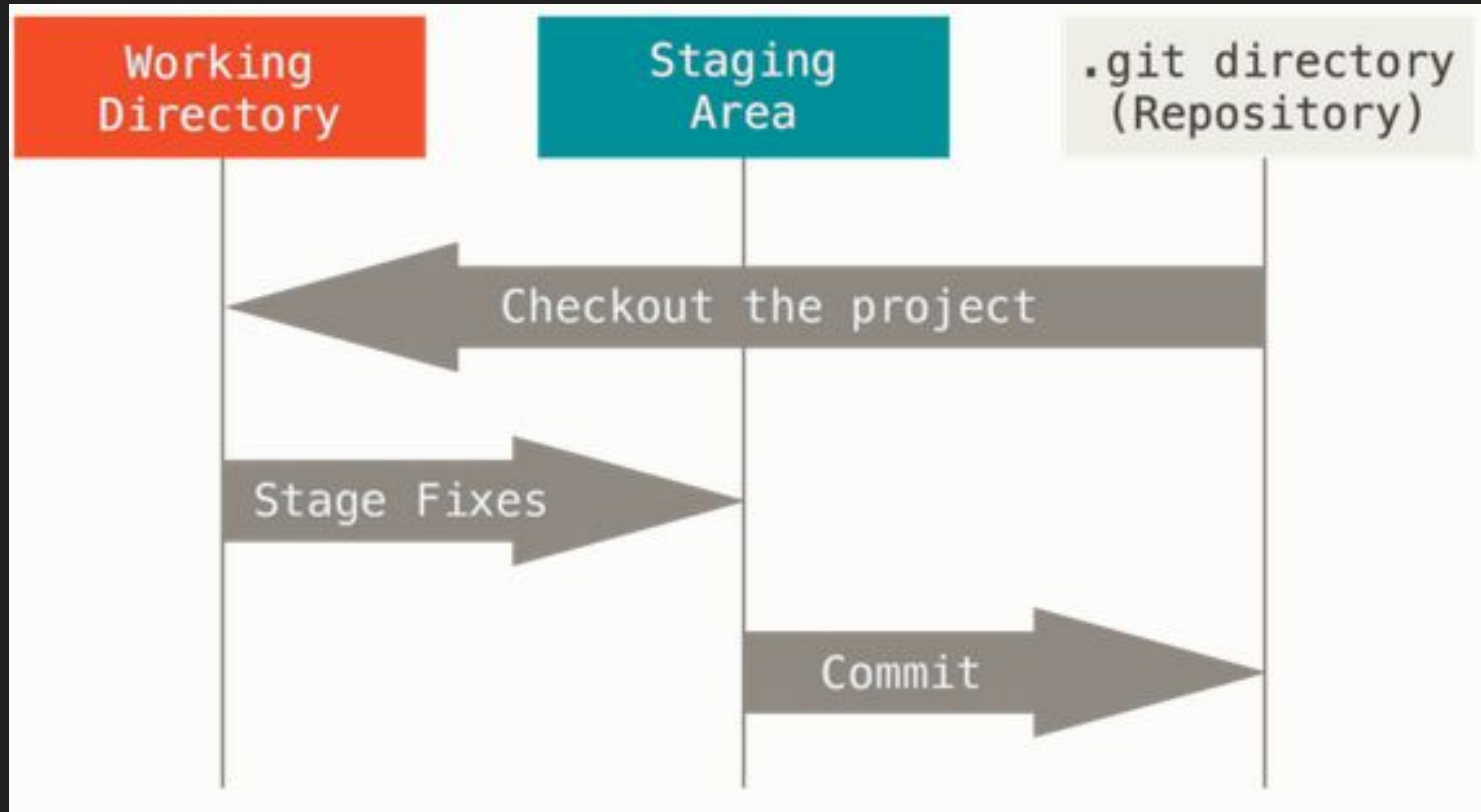
Base Git command

1. `git init` // initialization
2. `git branch [param]` // managing of branch
3. `git checkout "branch_name"` // switch to "branch_name"
4. `git add [filename]` // add files to branch
5. `git commit -m "adding file1 & file2"` // commit to local storage
6. `git status` // get status
7. `git pull [param]` // get from network storage
8. `git push [param]` // upload the commit to network storage
9. `git diff` // show the difference between commits
10. `git log` // show the history

Some words about

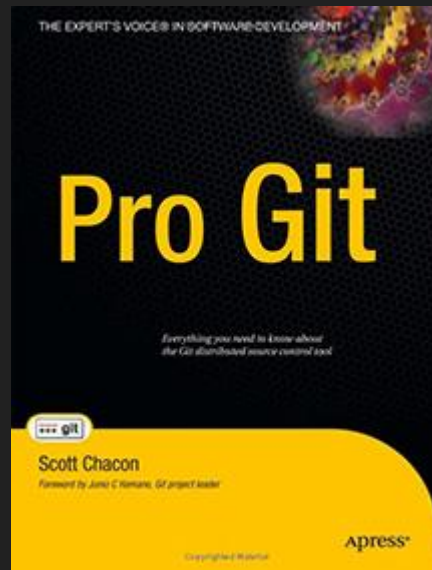


Git+Github cycle



Useful links

- <https://git-scm.com/book/en/v2> // the main book
- <https://try.github.io/levels/1/challenges/1> // training
- <https://learngitbranching.js.org/> // deep training
- <https://help.github.com/> // deep Github



The main book