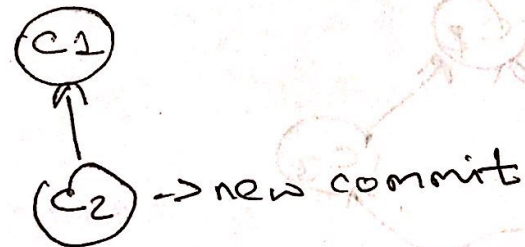


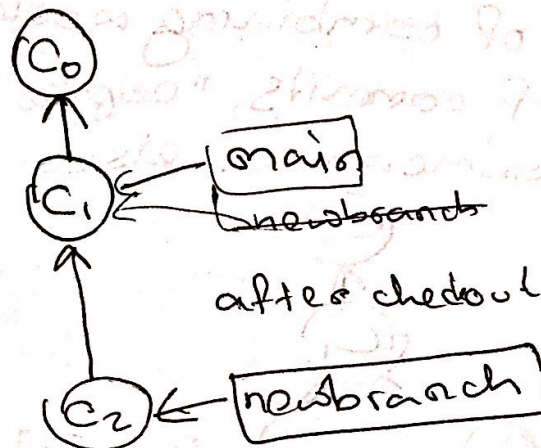
git commit - references/pointers



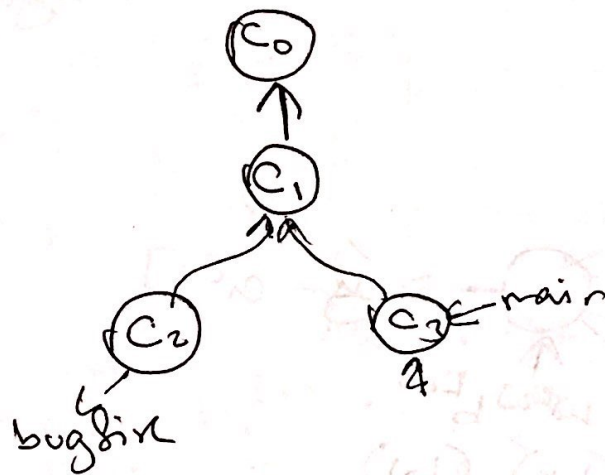
git branch "new branch"

git checkout new branch

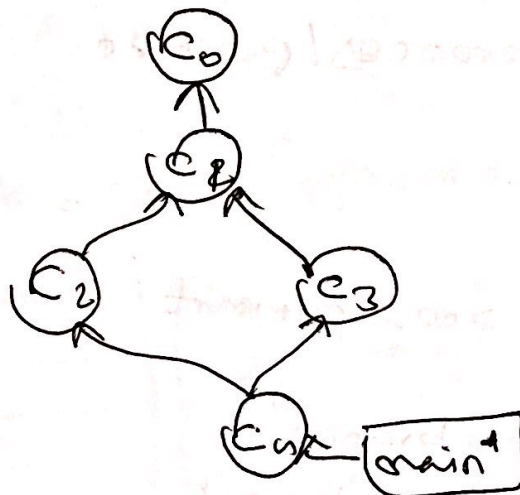
git commit



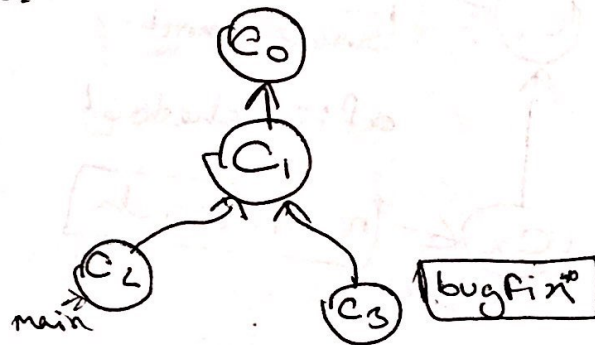
git merge is a special commit that combines work from different parents and sets a new parent



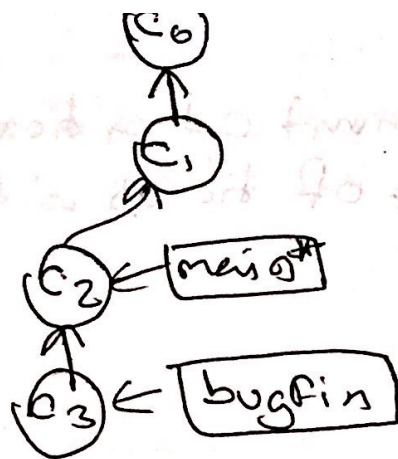
after ~~merge~~ git merge bugfix



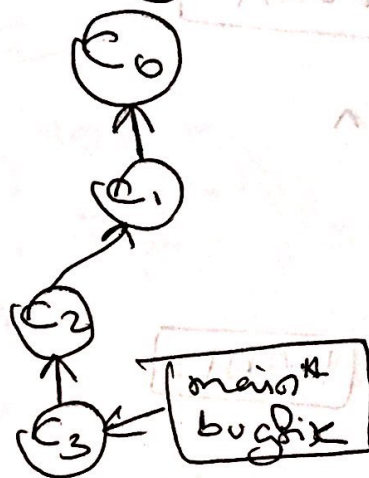
Another way of combining work is rebasing takes a set of commits, "copies" them, & plaps them down somewhere else



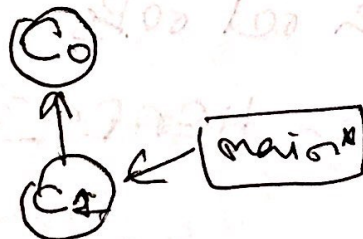
After git rebase main



git rebase bugfix



Head - currently checked out commit
Normally head points to a branch name



Detaching head means attaching to a commit instead of a branch

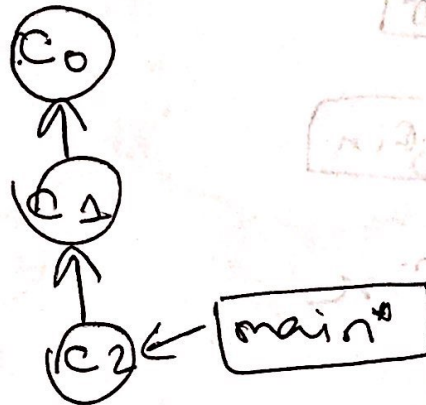
HEAD → ~~main~~ → C1

After git checkout C1

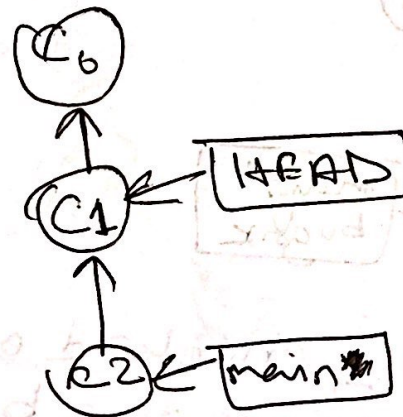
HEAD → C1

Git relative refs

- Moving upwards one commit at a time with ^
- " " a number of times with ^<num>



git checkout main^



Branch Popping with rel refs

git branch -f main HEAD~3