

Git as you don't know it

...

A crash course

Merge

vs

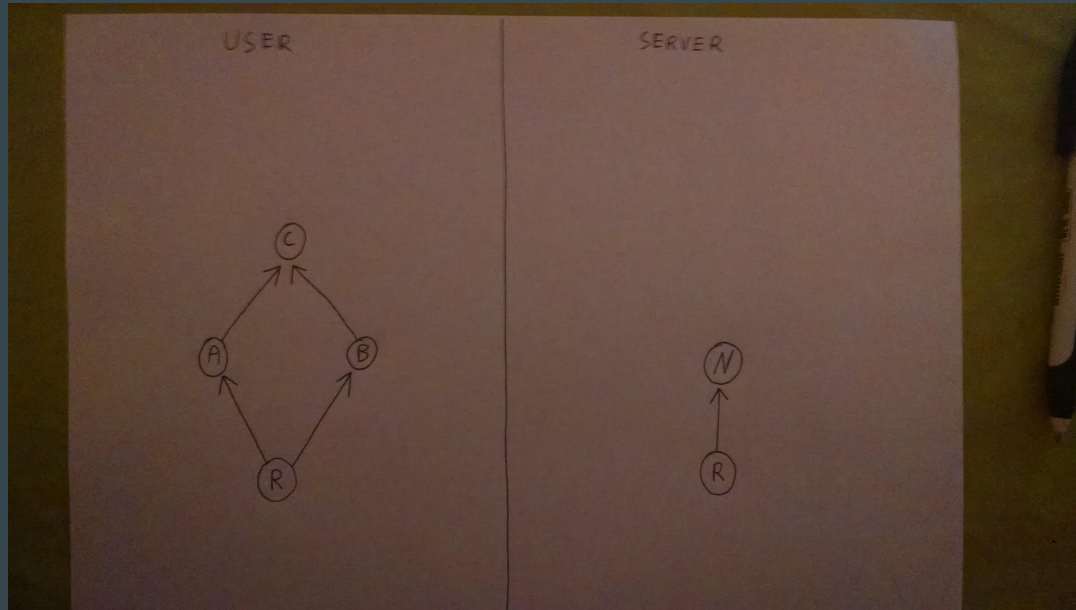
Rebase



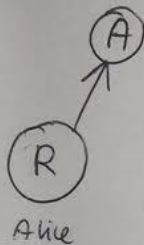
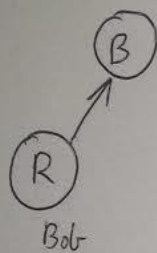
Can I not have both?

No you can't

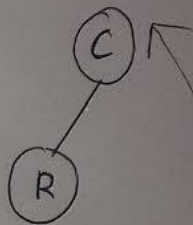
Merge and rebase ain't best friends. Can anybody tell what can go wrong if user now rebases?



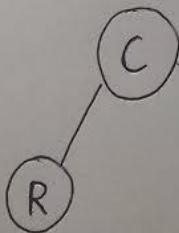
Alice and Bob co-work on a feature



Server records changes to master

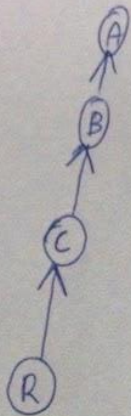


Carolynne works on unrelated part of the project, and is finished first

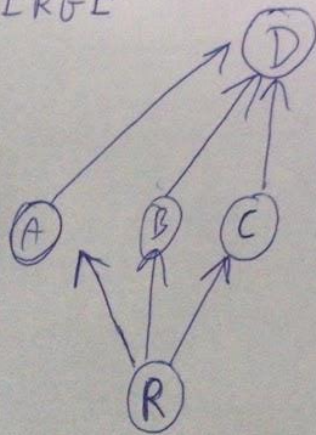


①

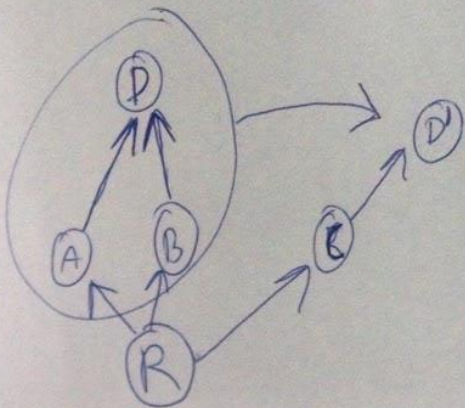
① REBASE



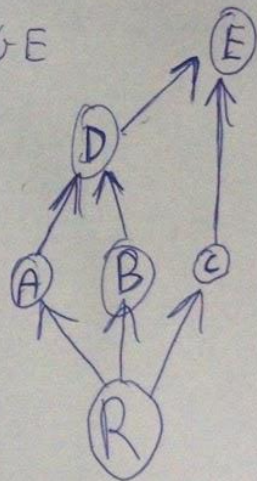
② OCTOPUS MERGE



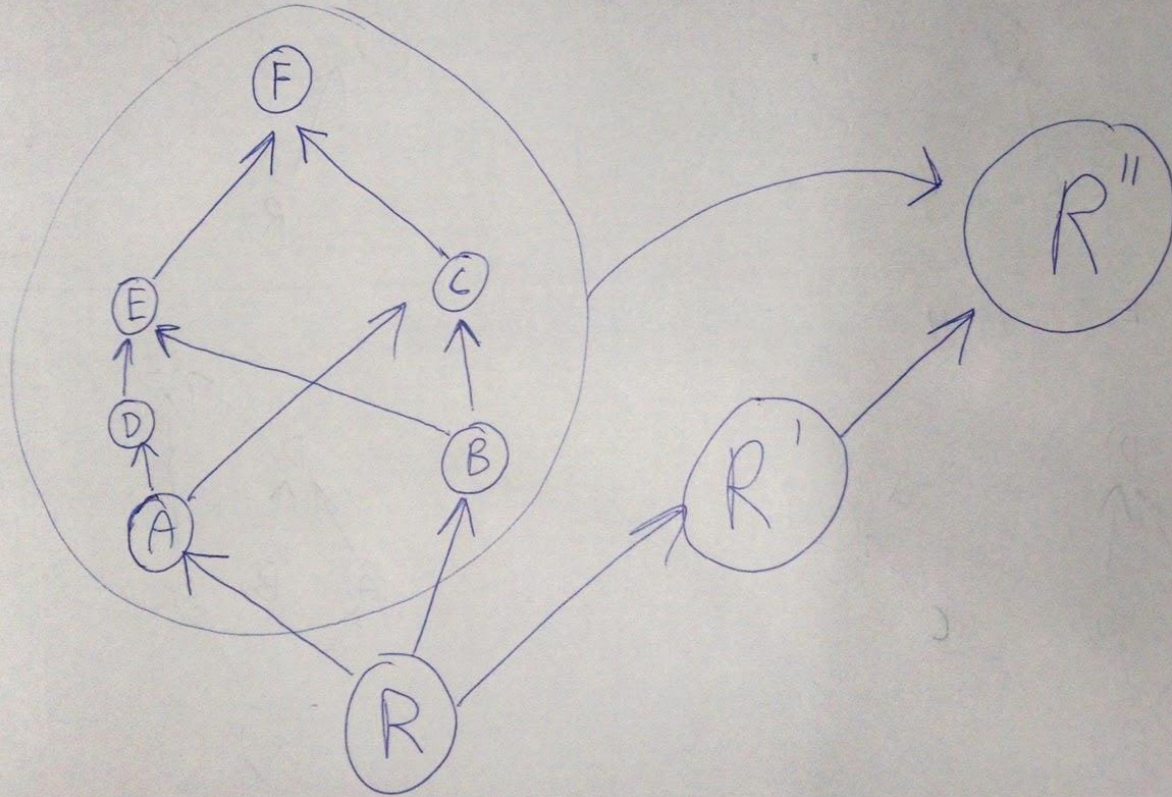
③ MERGE SQUASH



④ MERGE



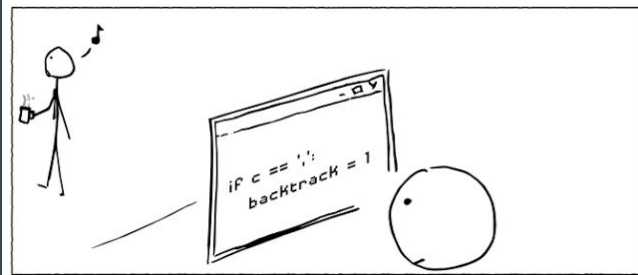
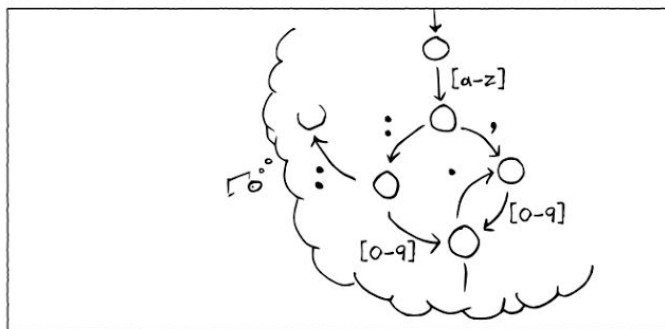
MERGE SQUASH CAN DEAL WITH VERY COMPLEX HISTORIES.



git merge -squash

benefits of rebase without its pains!

If you happen to be
interrupt driven.



git worktree

- quick switching between branches
- microservice architecture
- offline builds