

GIT WORKSHOP



JUNE 19TH, 2018

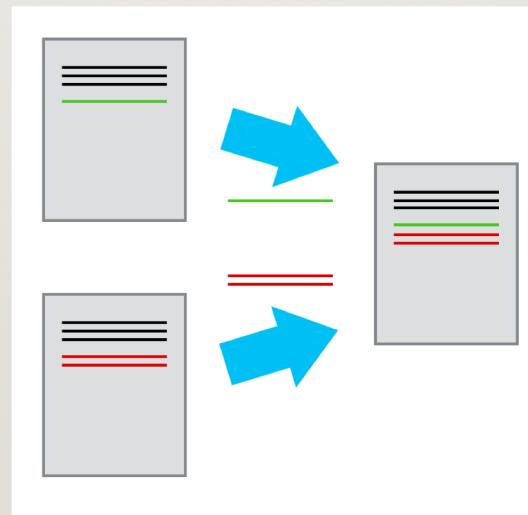


What is git ?

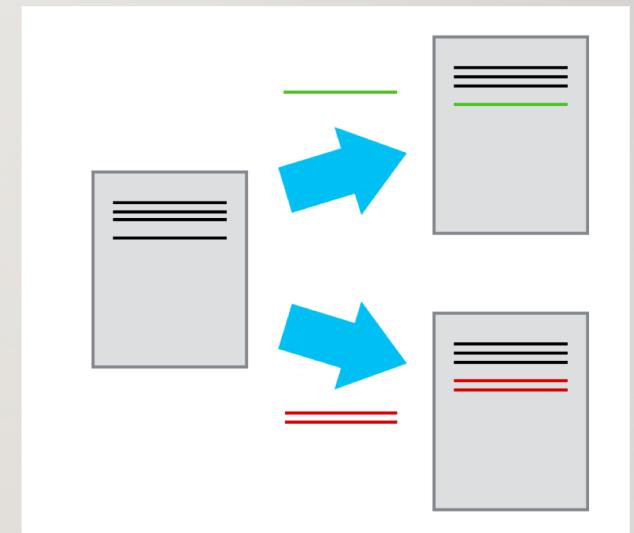
It is a Distributed Version Control System or VCS



1. Keep track of our changes

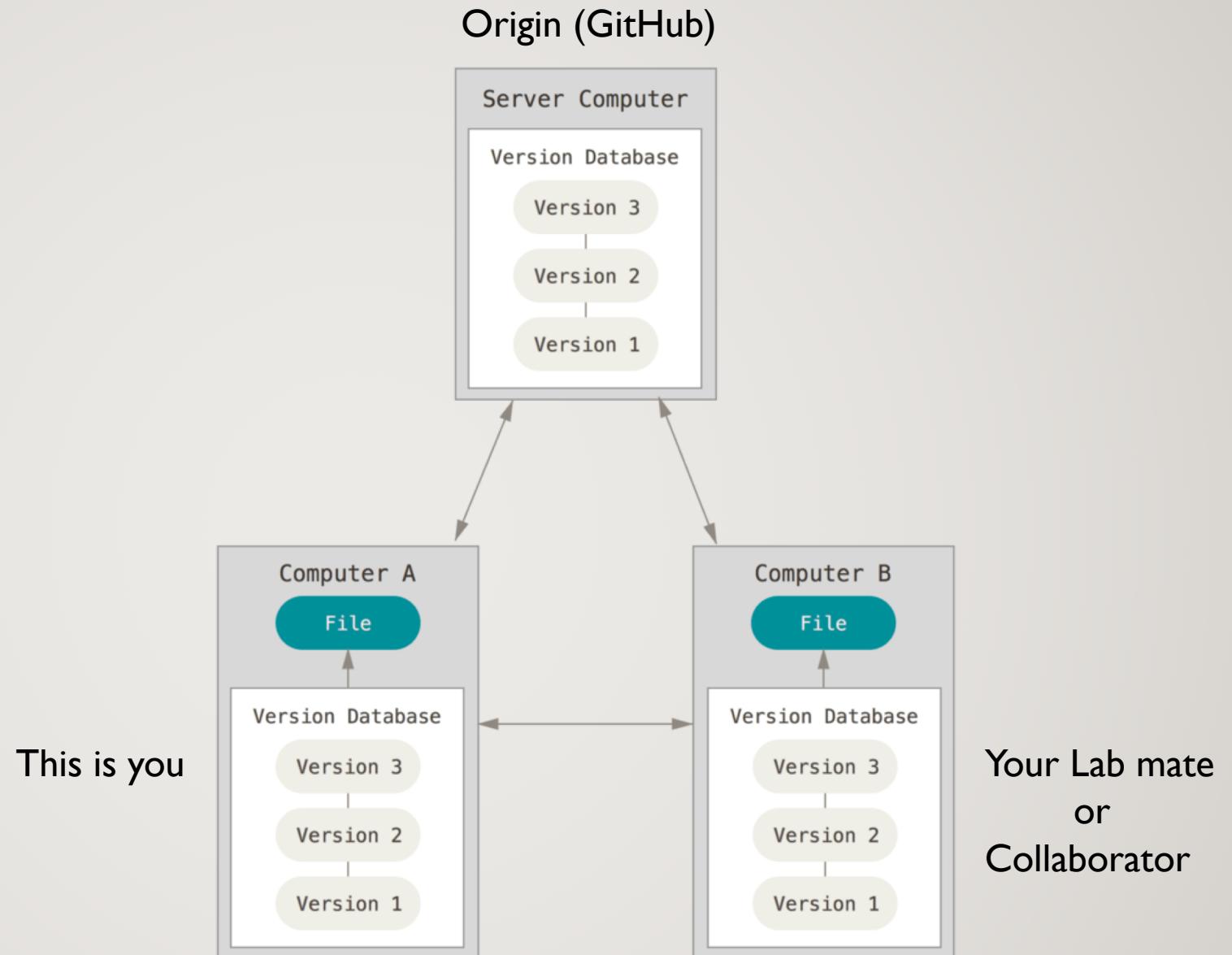


2. Merge changes from collaborators.



3. Resolving conflicts from collaborators.

Distributed version control system (git)

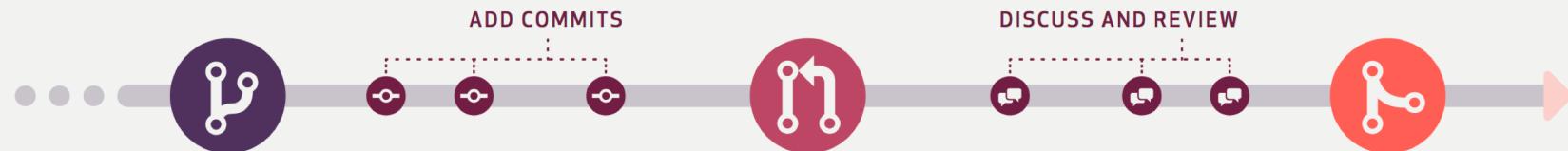


What is GitHub ?

<https://www.youtube.com/watch?v=w3jLJU7DT5E>

WORK FAST WORK SMART **THE GITHUB FLOW**

The GitHub Flow is a lightweight, branch-based workflow that's great for teams and projects with regular deployments. Find this and other guides at <http://guides.github.com/>.



CREATE A BRANCH

Create a branch in your project where you can safely experiment and make changes.

OPEN A PULL REQUEST

Use a pull request to get feedback on your changes from people down the hall or ten time zones away.

MERGE AND DEPLOY

Merge your changes into your master branch and deploy your code.

#DontWorkInMaster
#MakeABranch



GitHub is the best way to build software together.

GitHub provides tools for easier collaboration and code sharing from any device. Start collaborating with millions of developers today!

<https://guides.github.com/introduction/flow/>

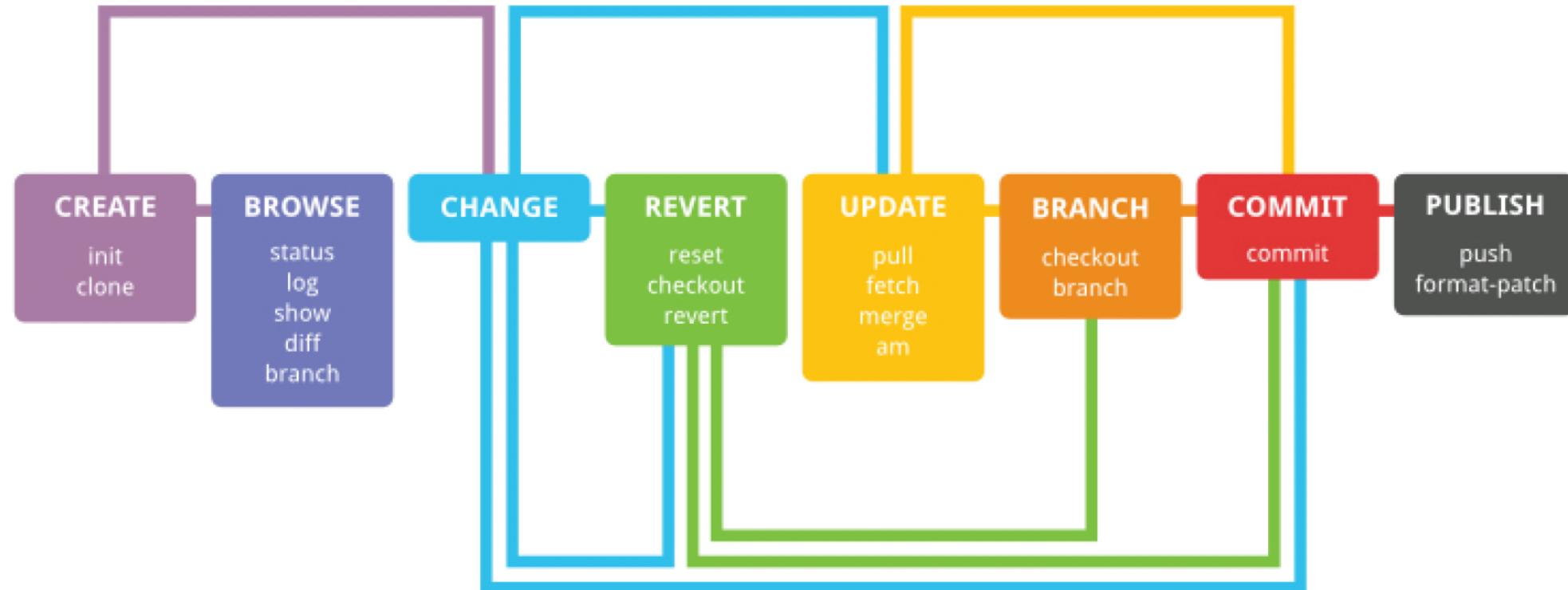
Creating issues !

DEMO TIME !

<https://guides.github.com/features/issues/>

Git commands Summary

⌚ Workflow



Git Tutorials and Reference

- Git Demo : <https://try.github.io/>
- Official git online book : <https://git-scm.com/book/en/v2>
- Official GitHub guides : <https://guides.github.com/>
- Software Carpentry tutorial : <http://swcarpentry.github.io/git-novice/>
- Traversy media Video Tutorial : https://www.youtube.com/watch?v=SWYqp7iY_Tc