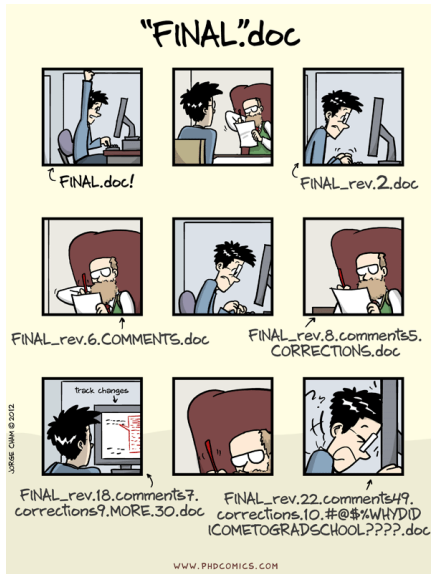# A quick intro to Git and Github

Herbert Lange

Computational Syntax VP 2018
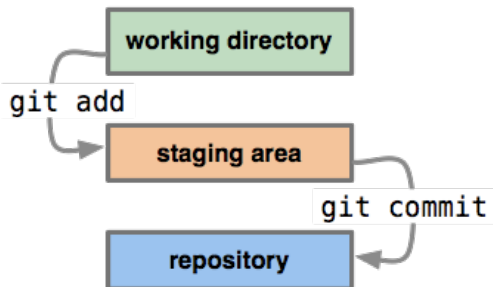
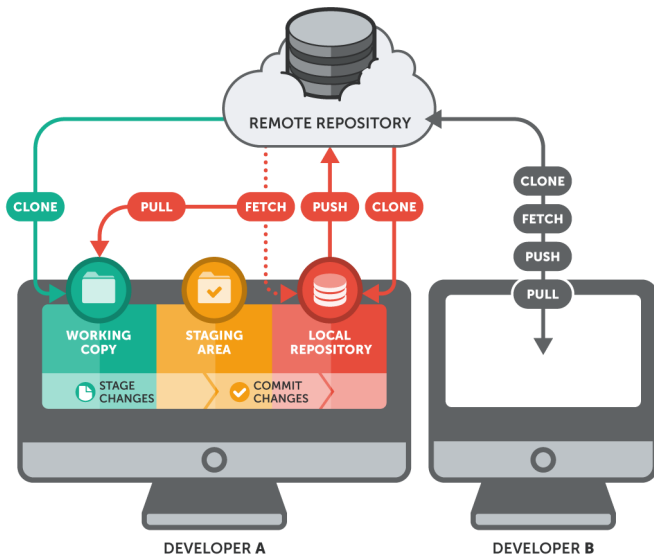# Motivation

Solution

Important Concepts

Important Concepts ctd.

Important Concepts ctd.
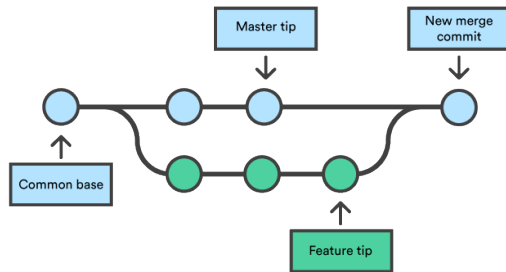
Important Commands

git init	Creates a new local repository
git status	Shows the current state of the working directory
git add	Adds changes to the staging area
git rm/mv	Removes/renames a file
git commit	Transfers changes from the staging area into the repository
git log	Shows the history
git help	Shows some help text for a git command

Important Commands ctd.

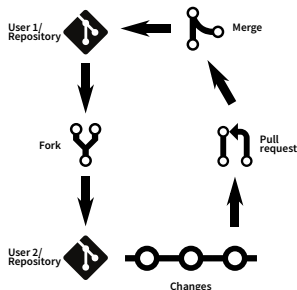|	
git clone	Copies a remote repository to a local one
git pull	Gets the latest changes from remote
git push	Pushes the latest local changes to a remote
git remote	Manages remote repositories

Important Commands ctd.

git checkout	Changes/creates branches
git merge	Merges changes from a branch

Github

fork
: Adds a copy of a repository to your account

pull request
: Asks the owner of a forked repository to accept changes from your fork

Further Resources

- https://git-scm.com/book/en/v2
- https://www.atlassian.com/git/tutorials/learn-git-with-bitbucket-cloud
- https://help.github.com/