Git Data Transport Commands

http://osteele.com
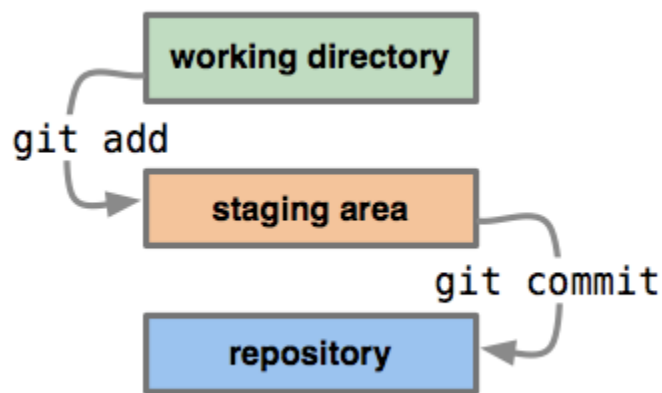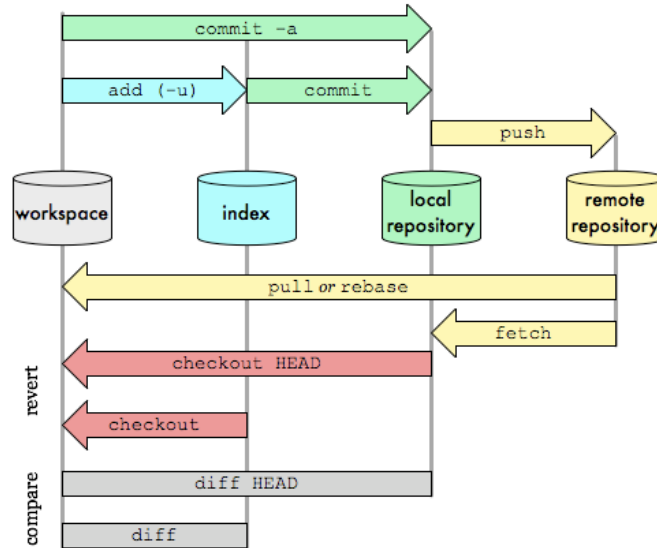

HEAD points to currently checked out branch, which tip points to last commit in the "git directory (repository)"

The **index** is a staging area where the new commit is prepared. Essentially, the contents of the index are what will go into the new commit (though if you do `git commit -a`, this will automatically add all changes to files that Git knows about to the index before committing, so it will commit the current contents of your working tree). `git add` will add or update files from the working tree into your index.

working tree is what is actually in the files that you are currently working on.