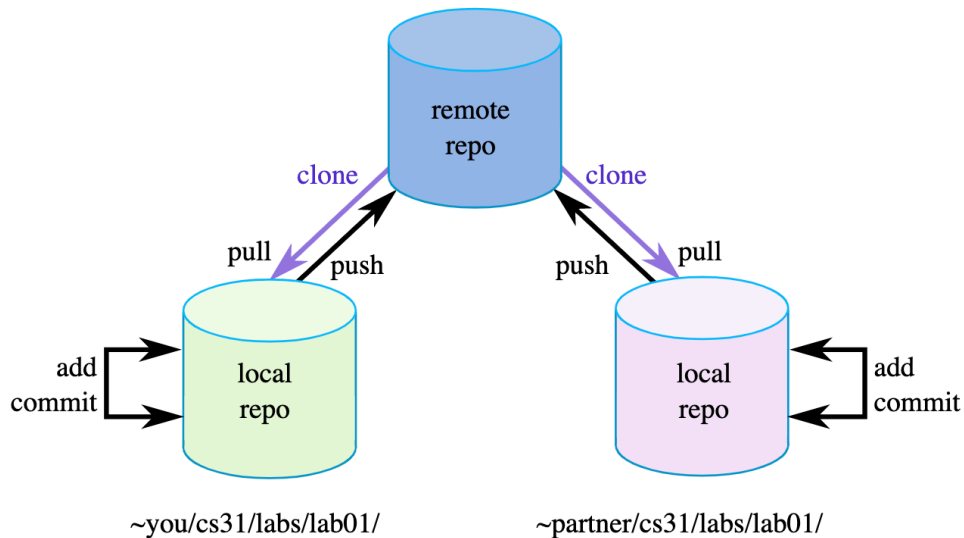# Git Overview

You will either use an existing remote master git repository (repo) or create a remote master repository on our system for your project. You and your partner(s) each checkout (**clone**) a private local copy of the remote master repo. You then each **add** and **commit** changes to your local private cloned copies. Local changes can be shared with your partner by **push**ing them to the master repo. Your partner will then **pull** your pushed changes from the remote master into their local repo. Git automatically merges changes pulled from the master into the local repo's files. Any changes committed to a git repo can be recovered, and a version of files from any commit in the commit history can be recovered. *Commit often as you work on a project (and push fairly often too).*

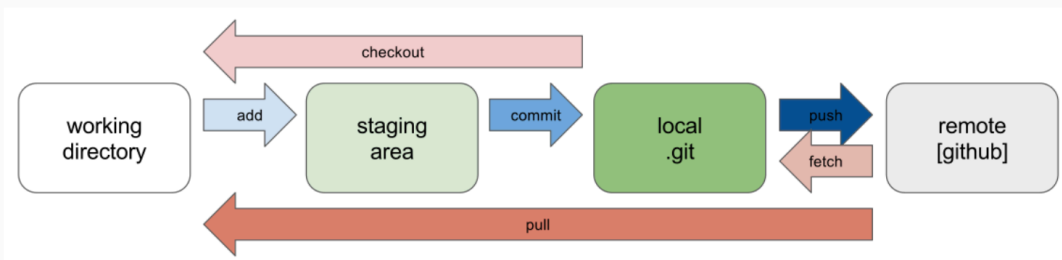** 출처: https://www.cs.swarthmore.edu/~adanner/help/git/

Basic Git Workflow

In general, the basic routine is:

Update your local repository with

`git clone...` or `git pull`

Edit the files locally, then

```
git add...

git commit...

git push...
```


Let's go through the basic commands!

> Always remember Git has good built in help, so add `--help` to any command to learn more.

** 출처: https://uidaholib.github.io/get-git/3workflow.html