# Configuration and Authentication:

Books/tutorials tend not to talk about this. But it is usually the first problem Git users run into when they try to work remotely.

1. SSH keys: stored in ~/.ssh
2. Generate new key: remember the passphrase

Ignore files

# View commit history:

* git log, with a lot of options
* But mostly can be done on GitHub, so omitted

Undo changes:

* Add to last commit
* Unstage changes: restore
* Remove from working tree: reverse changes on local hard drive

Git checkout: Any local changes you made to that file are gone

# Branching:

1. Intro: “Killer feature” compared to other VCS
2. Store data in a series of commit, new branch comes with a pointer to a specific commite in the chain
3. Special point “head” to the current branch