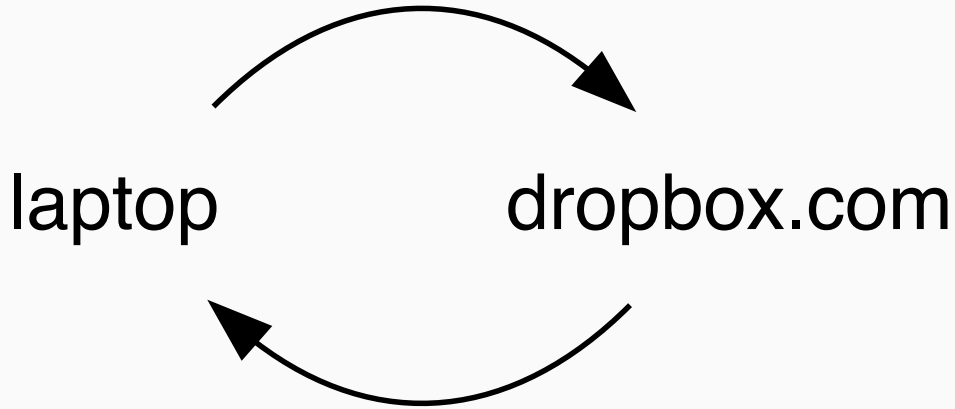
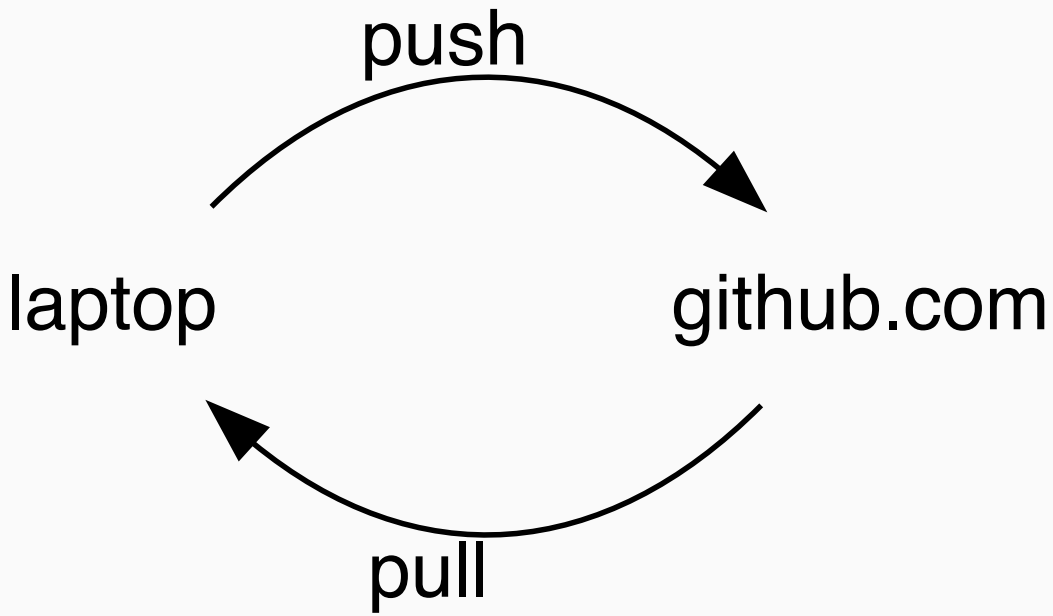
git and github.com

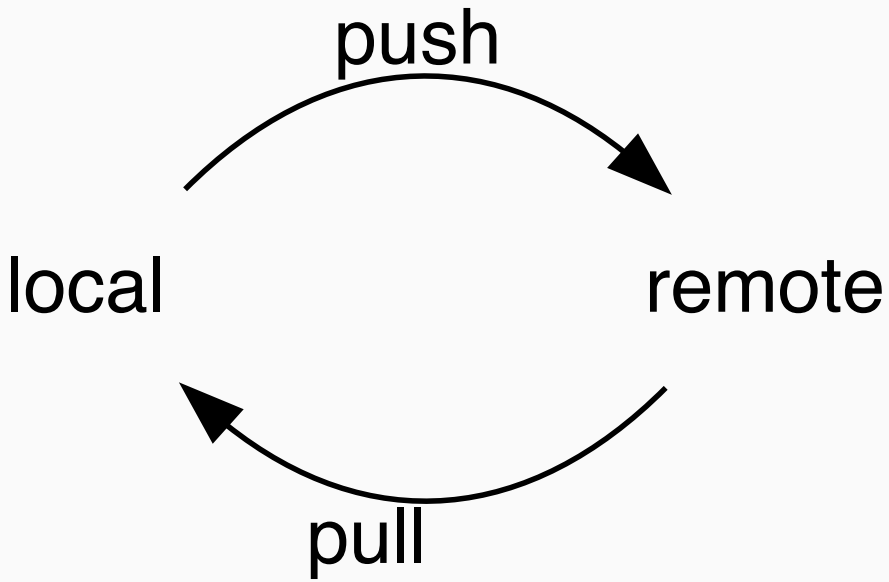
Dropbox Sync



Github Sync



git remotes



git vocabulary

pull Receive changes (edits, new files, files removed).

push Send changes to another computer.

clone Download an existing repo, e.g. from github.com.

"The first pull."

git vocabulary

add Mark a changed file as ready to commit. Moves an edit to the staging area.

commit Bundle edits together. Needs a commit message. Moves edits from the staging area into the .git/ database. A commit is the standard unit of time in git.

checkout Update the files in your working directory to what they were at a particular commit.

Vocabulary

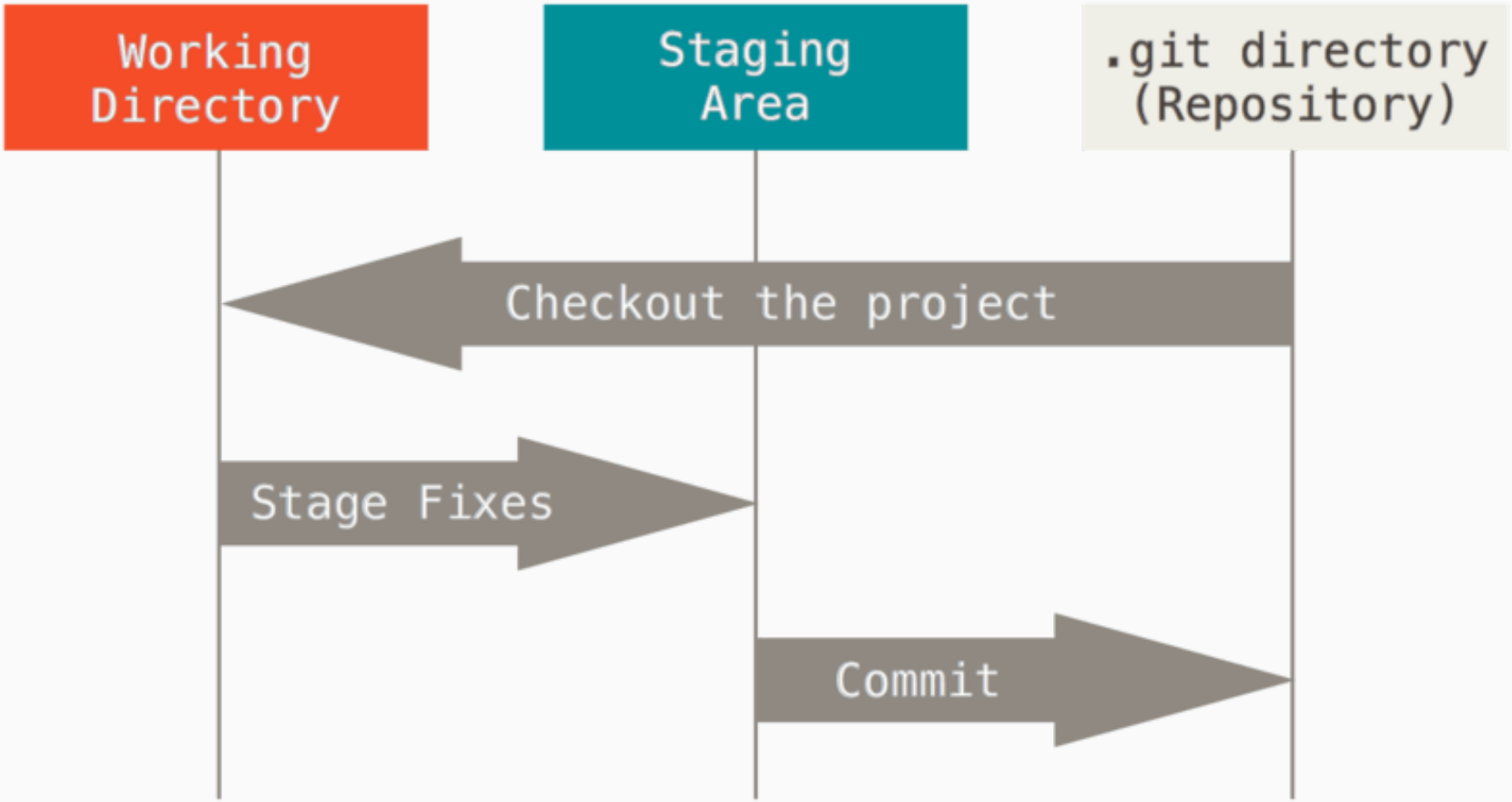
push Send new commits in my .git/ database to a different computer (like github.com).

If the .git/ database on the other computer has different commits, the push is aborted.

pull Receive new commits to my .git/ database.

If the .git/ database on the other computer has different commits, git will try to merge those changes, but if there is a merge conflict, you will have to resolve the conflict.

git areas


Working Directory
Staging Area
.git directory (Repository)
Checkout the project
Stage Fixes
Commit