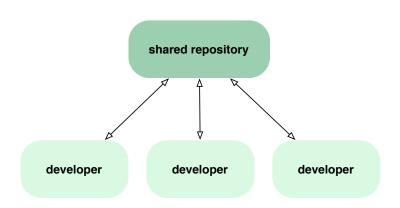
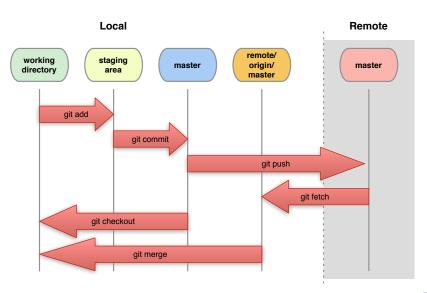


A Practical Introduction to Git

Maktab 64 - Reza Yazdani

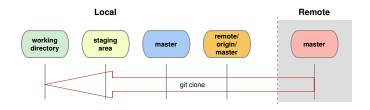
Scenario 2: multiple developers + remote central repository.





git clone <URL>

Creates *two* local copies of the whole remote repository.



Available transport protocols:

ssh://, git://, http://, https://, file://

Ex.: git clone https://github.com/ASPP/pelita.git

git remote -v

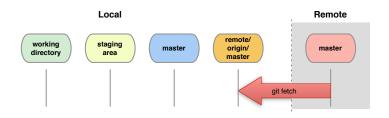
shows name and URL of the remote repository.



multi+remote/shared git. Fetch.

git fetch

- Downloads updates from remote master to local remote master.
- The local master, staging area and working directory do not change.



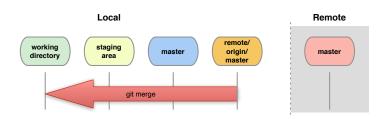
Q: Why origin?

A: Just a label for **Remote**. Choose the one you like.

multi+remote/shared git. Merge.

git merge

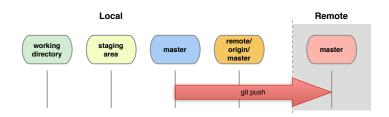
- Joins development histories together.
- Warning: can generate *conflicts*!
- **Note**: it merges only when all changes are committed.



git fetch + git merge = git pull

git push

- Updates remote masters (both Local and Remote).
- Requires fetch+merge first.



basic branching

