JavaScript Meeting #3

Data: 10/27/2019

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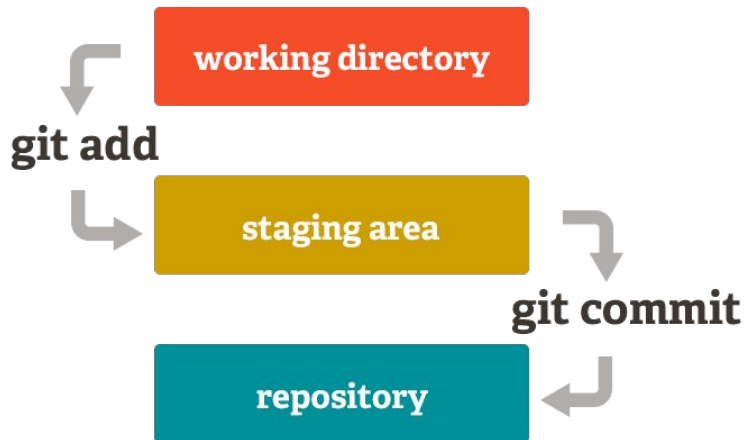Website: webdvt.org
Instagram: @WebDVT
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What is Git?

- **Version control** system for tracking changes in computer files

Basic workflow
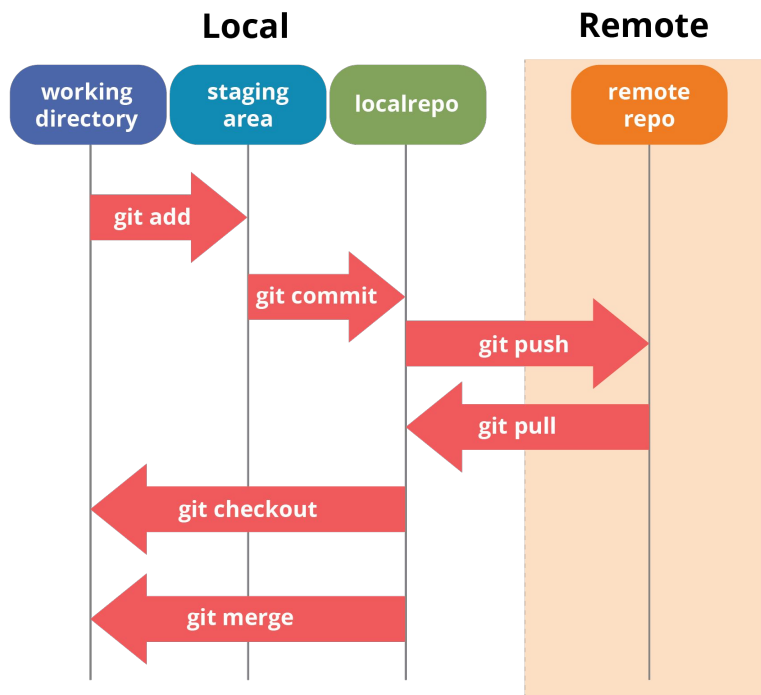
Git commands
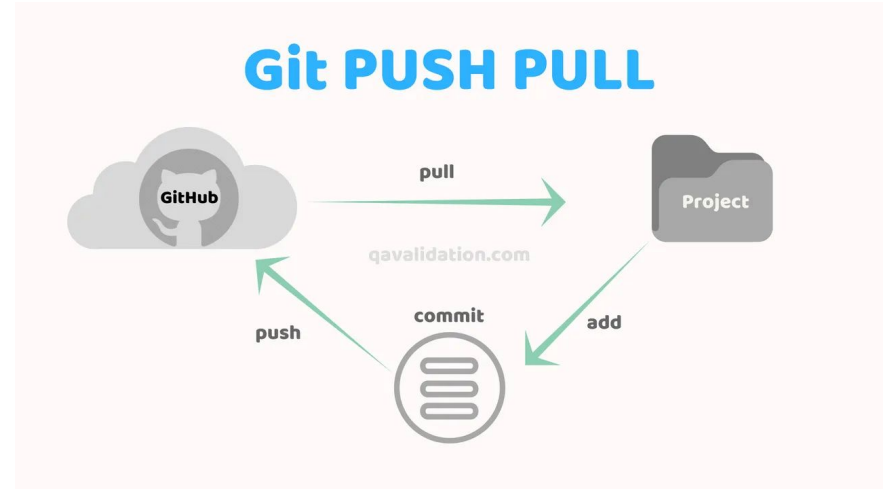
- **Git status**
  - Check status of working tree
- **Git init**
  - Initial local git repository
- **Git add <file1> <file2> ...**
  - Add file(s) to staging area
- **Git commit -m "<ADD A MESSAGE HERE>"**
  - Put your files in staging area to your local repository

working directory

git add

staging area

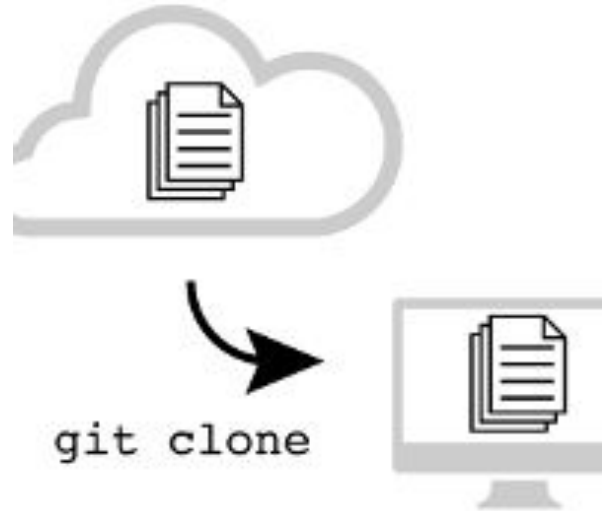git commit
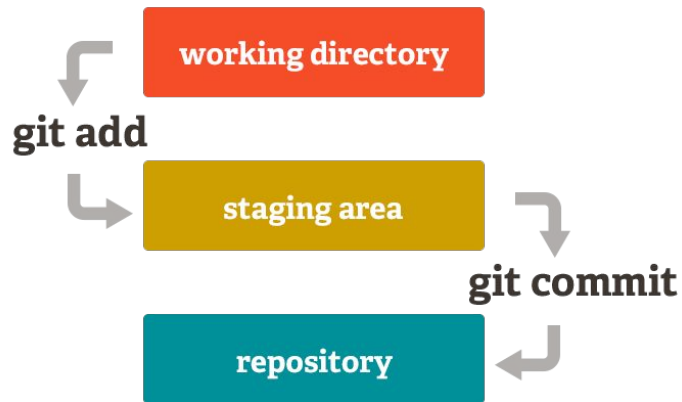
repository

Continue

- **Git push**
  - Push your local commit(s) to remote repository
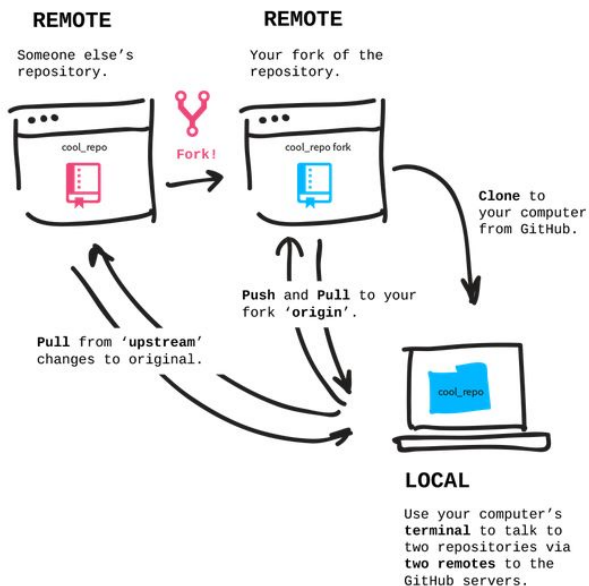- **Git pull**
  - Pull latest changes from remote repository

Continue

- **Git clone <ADD REMOTE_REPOS_URL.git>**
  - Clone remote repository into local directory

git clone

Continue

- **Forking** a repository

REMOTE
Someone else's repository.

REMOTE
Your fork of the repository.

cool_repo

Fork!

cool_repo fork

Clone to your computer from GitHub.

Push and Pull to your fork 'origin'.

Pull from 'upstream' changes to original.

cool_repo

LOCAL
Use your computer's **terminal** to talk to **two repositories** via **two remotes** to the GitHub servers.
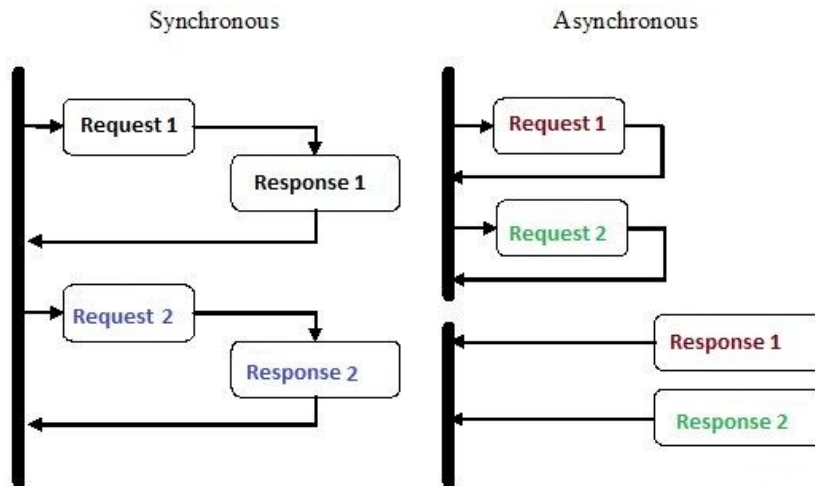
- **Git clone <ADD REMOTE_REPOS_URL.git>**
 - Clone remote repository into local directory

git clone

What is Asynchronous?

- Running in **parallel**
- When calling API → it takes a while to get your data
  - You want to execute next lines of code while waiting for that data

Synchronous

Request 1
Response 1
Request 2
Response 2

Asynchronous

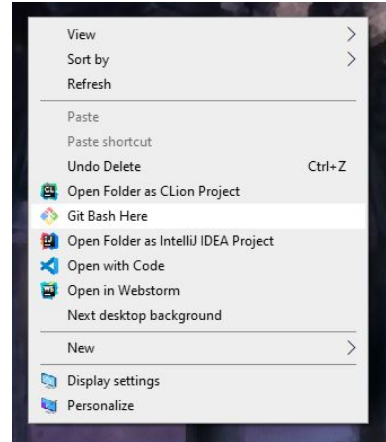Request 1
Request 2
Response 1
Response 2

Example

- **Synchronous**
  - Wait for data from "getArticles()"
- **Asynchronous**
  - Call "otherWork()" without waiting for a result from "getArticles()"
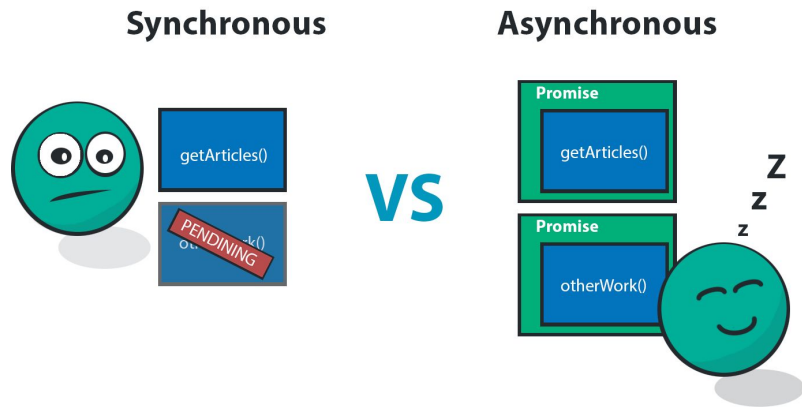
Before we get started

- Open **Git Bash** (terminal)

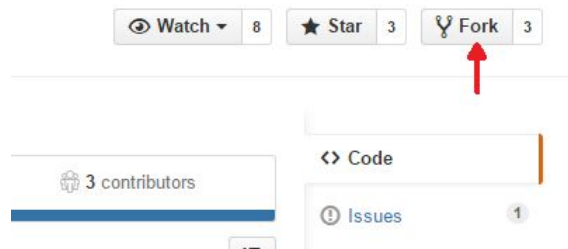- Check that you have **Git** installed

To get started..

1) Visit this Github repos

https://github.com/webdvt/js-meeting-3

2) Fork this repository

3) Clone (your version of the) repos by typing **"git clone https://github.com/<YOUR_USERNAME>/js-meeting-3 .git"** in your terminal

4) Check out the "**starter**" branch by tying **"git checkout starter"** in your terminal