



JPMC - EIS Code Academy

Class 3





/TABLE OF CONTENTS



/01

/Git Review

> Brief review of the last class

/02

/Local vs Remote

> What is a remote repository?

/03

/Branches & Commands

> What is a branch and how do I use it?

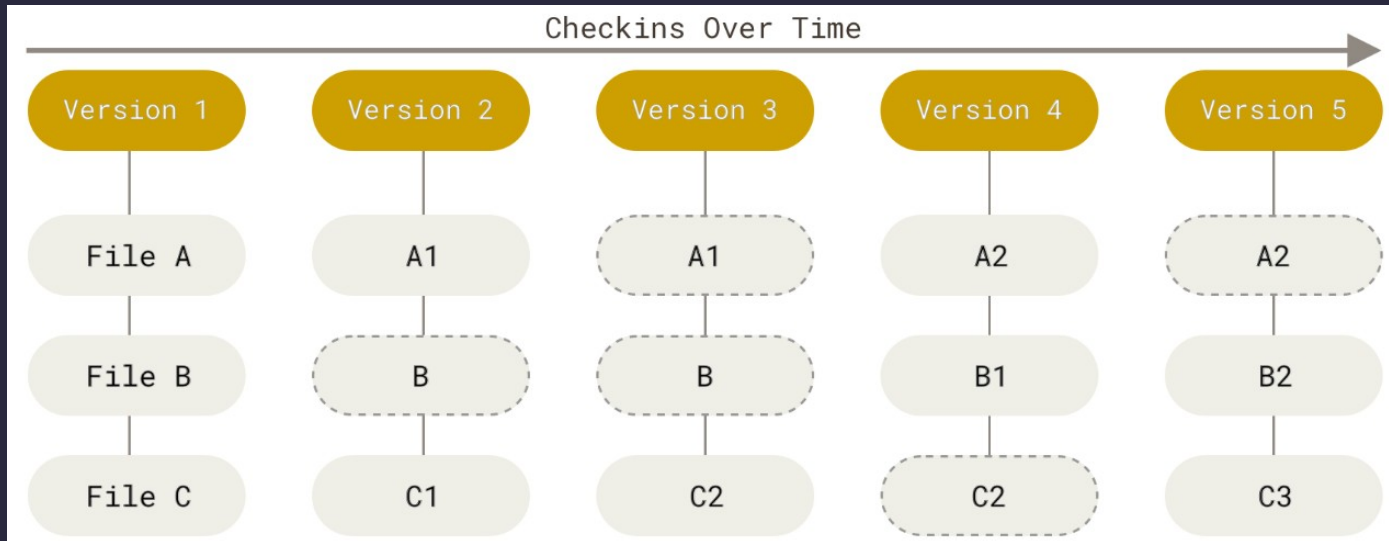
/04

/Coding Portfolio

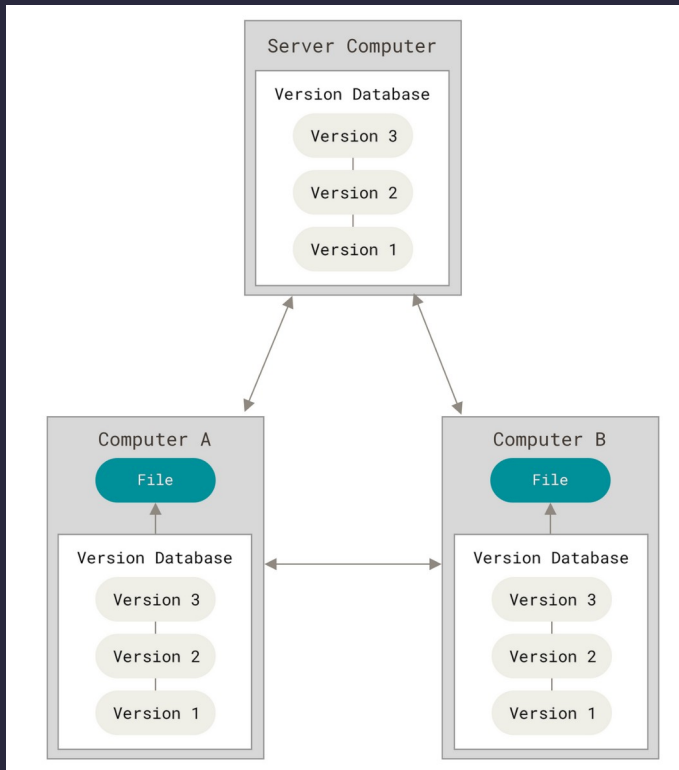
> Should I have a coding portfolio?



/Git Review



/Local vs Remote



- In a DVCS (Distributed Version Control System), there are multiple local repositories and a remote repository.
- From your computer's perspective, you have a local repository and a remote repository located in a server.
- The server hosts the remote repository but there is no one that uses it. All changes happen locally.



/Local vs Remote



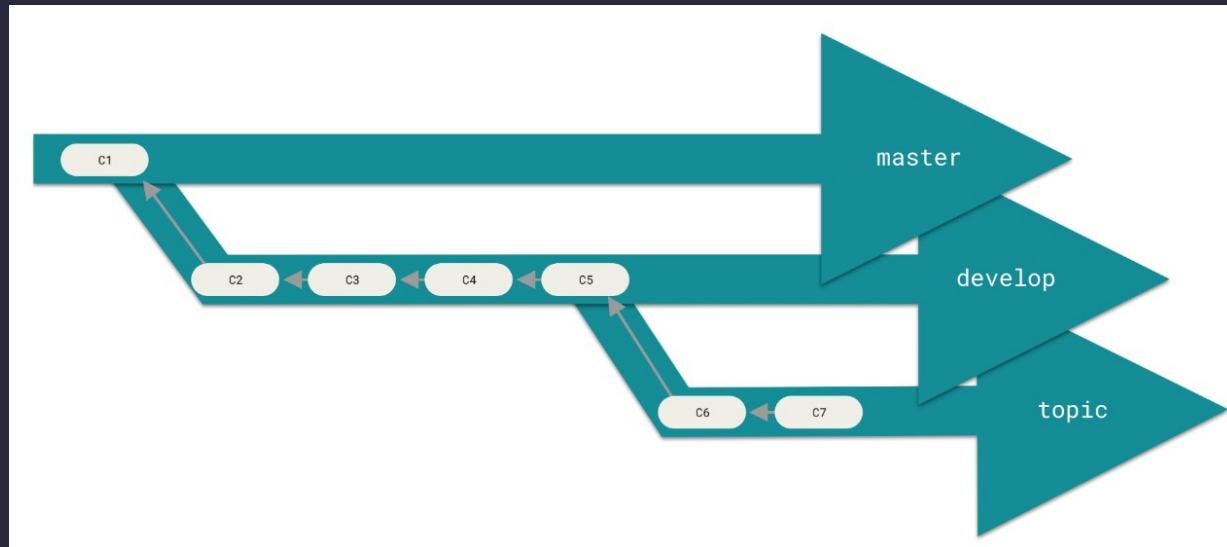
Let's create our own remote repository in GitHub



/Branches & Commands



A branch is a stream of snapshots or commits. Each branch can represent a version of the project where there is a main version or branch.





/Branches & Commands



Let's create some files and branches in our new GitHub repository





/Coding Portfolio



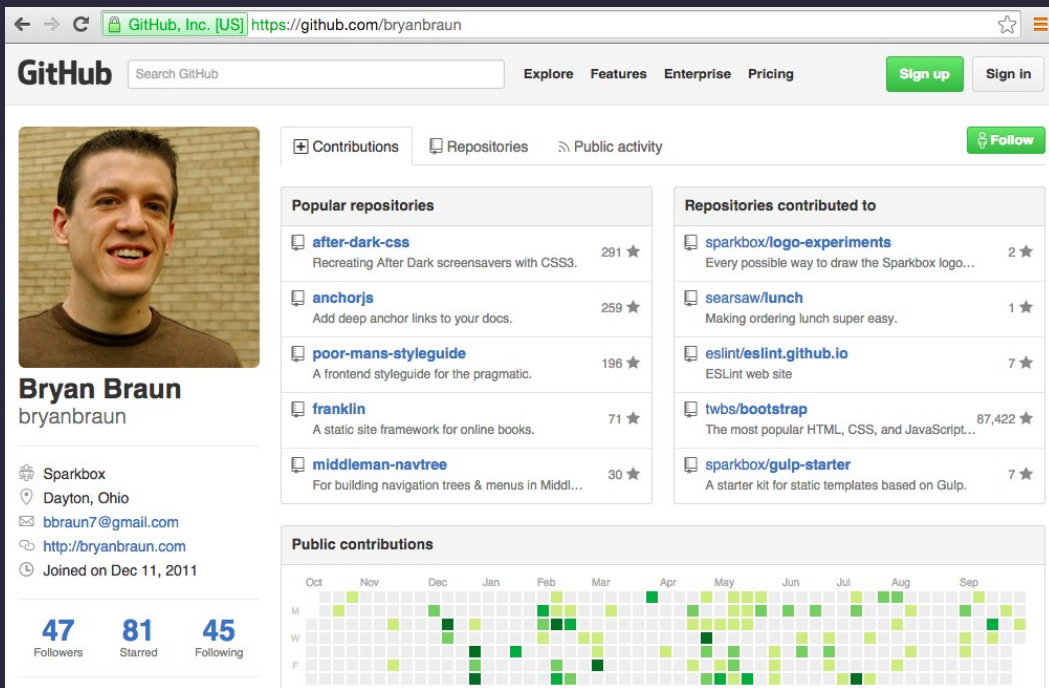
Set of projects in a public repository that showcases the skills and interests of a software developer.

Works as a resume and depending where it is hosted, it also has some social network features.





/Coding Portfolio



The screenshot shows Bryan Braun's GitHub profile. It includes a profile picture, his name 'Bryan Braun', and his username 'bryanbraun'. Below this, it lists his location 'Dayton, Ohio', email 'bbraun7@gmail.com', website 'http://bryanbraun.com', and that he joined on Dec 11, 2011. Statistics show 47 Followers, 81 Starred, and 45 Following. The profile is divided into sections: 'Popular repositories' (listing 'after-dark-css', 'anchorjs', 'poor-mans-styleguide', 'franklin', and 'middleman-navtree'), 'Repositories contributed to' (listing 'sparkbox/logo-experiments', 'searsaw/lunch', 'eslint/eslint.github.io', 'twbs/bootstrap', and 'sparkbox/gulp-starter'), and 'Public contributions' (a calendar grid showing activity from Oct to Sep).

- Does my profile need to look like this?

No, and do not look at mine please.





/Coding Portfolio



Taking into account that it is not necessary to have a coding portfolio, let's build one!

You can upload the exercises you will be doing through this course, so your mentor can help assess your progress as well as helping you out if you are stuck.

As a start, create an account in HackerRank (you can use your GitHub credentials).

Take on [this challenge](#).

