

Dynamic Web



Fall 2024

Go Over Syllabus :-)

1. Find the syllabus on Github
(<https://github.com/jayres/IDM-DynamicWeb>)
2. What is this class even about?
3. How to get help when you need it
4. How does the course work?
5. Attendance & Grading
6. Academic accommodations
7. Structure of the class

Servers & Clients & Protocols plus...

This class is not just about coding.

It is about coding and (ideally...)

1. Applying coding to a creative practice
2. Critical thought around how systems work
3. Making systems with a purpose

What you will learn from this class

1. You will learn the basics of servers
2. You will learn how to connect browsers to servers through APIs
3. You will apply this knowledge through exercises (guided mini-projects) and projects (creative focused and larger in ambition)
4. You will consider how these systems work and consider new ways to apply systems.

Using AI in the class...

Go ahead...

The **current** state of AI with code is fairly lousy but it could be a useful learning tool.

Ultimately you will need to know what the code is doing before you can use something written for you.

What will we cover today?

1. Using our coding environment
 - a. Preference to using VS Code
 - b. Terminal
2. Setting up Github
 - a. Folder structure during the class
3. Using the command line
 - a. Mac or Windows?

VS Code & Terminal

If you have a preferred IDE (independent developer environment) you do not have to use **VSCode** but if not then please download that for use in this class.

Terminal (Mac) is automatically on everyone's (Mac) computer.

Setting Up Github

Do you have a Github account? If not create one now.

Then, create a repo for **Exercise One**.

Next, create a folder on our computer for Exercise One.

Using the Github App? VSCode Integration? Other Git thing?

Command Line

I use Mac so the commands I will be using in class are not going to work perfectly for Windows machines. Most of the commands line up, though, and can be easily Googled if needed.

https://github.com/jayres/IDM-DynamicWeb/blob/master/best-practices/COMMAND_LINE_CHEATSHEET.md

Exercise One

Create an index.html file in your **Exercise One** folder.

Let's go through the exercise's requirements in the Github Repo.

This is how we will do other exercises going forward.