

Dynamic Web



Fall 2019

Things to Cover Today

1. Let's review Client/Server relationships and Protocols
2. Let's review the elements of a network request
3. Understanding Querying Data
4. Images? Script tags?
5. Headers and URL Queries
6. URL Search Params
7. Extra time? Let's talk about flex box & the CSS box model

Client/Server and Protocols

1. What is a server?
2. What is a client?
3. What is a protocol?

How does a protocol work?

1. **Client** (Browser) sends **data** to a **server**.
2. This **data** includes information about what it wants from the **server**.
3. The **server** receives the **data** and then sends **data** to the **client**.
4. The **client** now has the **data** it wanted and can do something with it.

Network Requests

1. What are the types of requests?
2. What about server response messages? What are some common ones?

How a Network request works:

- User requests information from a resource (server)
- Resource returns a response (and sometimes other things too if the User requested those things)

What About Images and Scripts?

What does this do?

```

```

What about this?

```
<script src="https://location.com/cool.js" async />
```

Let's Look at Network Requests in Browser...

Using Google Chrome Developer Tools, you can view the details of a network request and see much more information about what is happening inside of a web page request.

What About URL Parameters

Often you will see a bunch of stuff at the end of a URL... what are these?

Ex.

`https://location.com/webpage?data=192dhw&location=22938`

How do we get these URL Params?

And how can we use them?