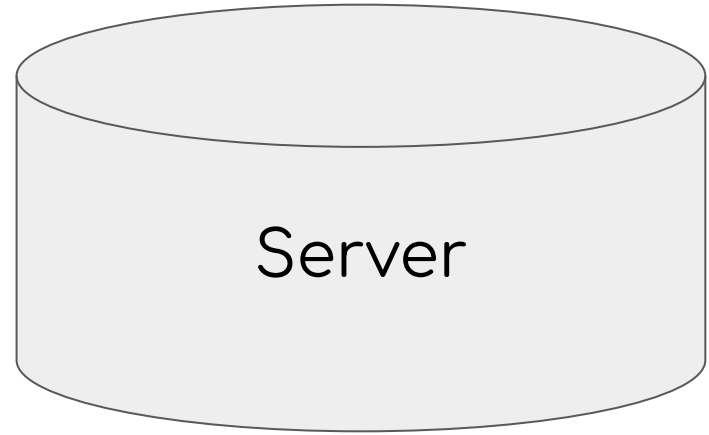
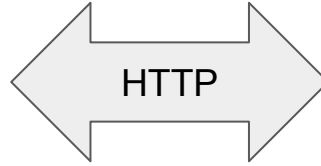


CMSC 389N

Express Get and APIs!



REST

Representational

State

Transfer

Convention for the Server Services

CRUD Operations => HTTP Methods

Create => POST (One Item)

Read => GET (One Item or multiple)

Update => PUT (One Item)

Delete => DELETE (One Item)

Get

```
server.get('/', function(req,res){  
    res.send('HI');  
})
```

What is `function(req,res){}` anyways?

Let's look more in depth!

We are going to test out:

- Parameters
- Searching a simulated library
- Searching for a specific JSON in a library

What is an API?

Application **P**rogramming **I**nterface

Essentially a list of resources you can use and manipulate.

The API has its own rules on how to interact with it!

Today we will look at:

Twitter:

<https://developer.twitter.com/en/docs/tweets/post-and-engage/api-reference/get-statuses-show-id>

Yelp:

<https://github.com/Yelp/yelp-fusion/tree/master/fusion/node>

<https://github.com/tonybadguy/yelp-fusion>

And

https://www.yelp.com/developers/documentation/v3/business_search

Parts of Using a Company's API

Register with company and create a Project

Use Client ID and API Key to be able to use the API.

You may have to interact with slightly different CRUD operations

WTWAW (What To Walk Away With)

1. What is an API?
2. Set up an App in Twitter
3. Grab a tweet/search for a tweet

Yelp API (if you have time)