

CMSC 389N

Express POST, PUT, DELETE!

Agenda

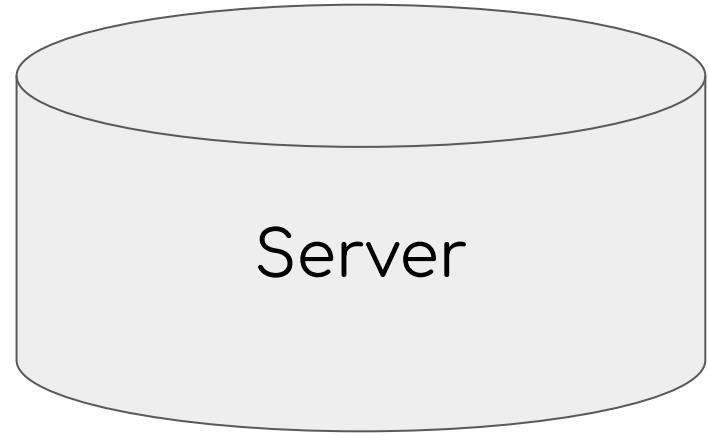
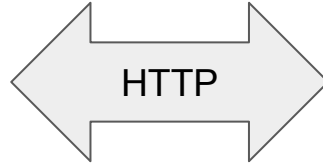
- Announcements
- Reminders
- Node
- Modules
- Basic Node Interactions

Announcements

- Exercise 5 due Next Friday!
- Final Exam will be posted this week and due May 16th
 - Open ended with only a few guidelines
- Grades for Exercise 3 and both parts of Midterm will be up this weekend

Couple of Notes about Exercise 5

- Make sure to start early!
 - Your twitter account may take some time to verify
 - If you run into issues with the twitter API please talk to me!
- At least get the search up and running
- For part two, do something fun, even if I haven't listed it.



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)

Make sure you have Postman installed

<https://www.postman.com/>

OR use Postman chrome plugin

Using POST

When using post, we have to send that information from *somewhere*

As a result, postman will allow that info to get posted locally

Middleware

Similar to what it sounds-- software/modules that works as an intermediary for data.

```
app.use(express.json());
```

Put and Delete

Work just the same as the others.

Both will borrow heavily from the GET call where we searched for a specific instance in our array of Cars.

```
.put('/api/dealership/:year/:brand/:model', function(req,res){...}
```

```
.delete('/api/dealership/:year/:brand/:model', function(req,res){...})
```

WTWAW (What To Walk Away With)

1. Start Exercise 5 early!
2. Be able to write a simple post request
3. Write a put and delete request using express parameters
4. Use Postman to test our requests