

CODE: Our First Simple Web App

Section 17, Lecture 296

CODE: Our First Simple Web App:

Add to your app.js file:

```
var express = require('express');

var app = express();

app.get("/", function(req, res){
  res.send("HELLO FROM OUR WEB APP!");
});

app.listen(8080, function () {
  console.log('App listening on port 8080!');
});
```

Remember to start the server up:

```
node app.js
```

CODE: Adding Multiple Routes

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CODE: Adding Multiple Routes

Add a /joke route:

```
app.get("/joke", function(req, res){  
  var joke = "What do you call a dog that does magic tricks? A labracadabrador."  
  res.send(joke);  
});
```

Add a /random_num route:

```
app.get("/random_num", function(req, res){  
  var num = Math.floor(Math.random() * 10) + 1;  
  res.send("Your lucky number is " + num);  
});
```

CODE: Connecting Express and MySQL

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CODE: Connecting Express and MySQL

Add the MySQL code inside of the root route:

```
app.get("/", function(req, res){  
  var q = 'SELECT COUNT(*) as count FROM users';  
  connection.query(q, function (error, results) {  
    if (error) throw error;  
    var msg = "We have " + results[0].count + " users";  
    res.send(msg);  
  });  
});
```

CODE: Adding EJS Templates

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CODE: Adding EJS Templates

```
<h1>JOIN US</h1>
```

```
<p class="lead">Enter your email to join <strong>518</strong>  
others on our waitlist. We are 100% not a cult. </p>
```

```
<form method="POST" action="/register">  
  <input type="text" class="form" placeholder="Enter Your Email">  
  <button>Join Now</button>  
</form>
```

CODE: Connecting the Form

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CODE: Connecting the Form

The '/register' post route:

```
app.post('/register', function(req,res){
  var person = {email: req.body.email};
  connection.query('INSERT INTO users SET ?', person, function(err, result) {
    console.log(err);
    console.log(result);
    res.redirect("/");
  });
});
```

CODE: HTML AND CSS FILES

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JOIN US: HTML AND CSS FILES

Download the attached zip file containing the completed HTML and CSS.

Resources for this lecture

[JOIN_US_HTML_AND_CSS.zip](#)