

Joshua Hoshiko

Project 3

Project 3 Report

Changed files:

- General
 - **jqspa.html (public)**: Created a very basic SPA using Dr. Beaty's simple jquery SPA. It has three buttons that fetch all of the information for the cars, parts, and makes. This includes information like the VIN numbers, countries, parts, etc.
 - **car.json.jbuilder(View)**: Tweaked to correctly fetch the equipped parts and the make's name

Samples:

Cars and Parts

Parts
Makes
Cars

- Exhaust
- Turbo
- Shocks
- Muffler
- Axle
- Windshield Wipers

Cars and Parts

Parts
Makes
Cars

- Toyota United States
- Mazda Japan
- Mercedes Germany
- Chevy United States
- Bugatti France

Cars and Parts

Parts
Makes
Cars

- Cross Runner HG7245 Toyota Exhaust,Shocks,Windshield Wipers
- Modula 457274 Mercedes Turbo,Muffler,Windshield Wipers
- Roller 9823879y25782457 Chevy Turbo,Muffler

Josh@JoshPC MINGW64 ~/Desktop/assignment-four-joshhoshiko (master)

\$ git diff 79bd190 bcad3b2

diff --git a/app/views/cars/_car.json.jbuilder b/app/views/cars/_car.json.jbuilder

index 29af0e6..18019bf 100644

--- a/app/views/cars/_car.json.jbuilder

+++ b/app/views/cars/_car.json.jbuilder

@@ -1,2 +1,4 @@

json.extract! car, :id, :model, :vin, :make_id, :created_at, :updated_at

json.url car_url(car, format: :json)

+json.make Make.find_by_id(car.make_id).name

+json.parts car.parts.map { |part| part.name }

diff --git a/public/jqspa.html b/public/jqspa.html

new file mode 100644

index 0000000..370fbd9

--- /dev/null

+++ b/public/jqspa.html

@@ -0,0 +1,41 @@

+<html>

```
+<head>

+ <title>A very simple jQuery SPA</title>

+ <link rel="stylesheet" href="styles.css"/>

+ <script

+     src="https://code.jquery.com/jquery-3.3.1.js"

+     integrity="sha256-2Kok7MbOyxpgUVvAk/HJ2jigOSYS2auK4Pfzbm7uH60="
```

```
:...skipping...
```

```
diff --git a/app/views/cars/_car.json.jbuilder b/app/views/cars/_car.json.jbuilder
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```
index 29af0e6..18019bf 100644
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+<html>

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+ src="https://code.jquery.com/jquery-3.3.1.js"

+ integrity="sha256-2Kok7MbOyxpgUVvAk/HJ2jigOSYS2auK4Pfzbm7uH60="

+ crossorigin="anonymous"></script>

+</head>

+<body>

+

+<h1>Cars and Parts</h1>

+<button onclick="fetch('parts', ['name'])">Parts</button>

+<button onclick="fetch('makes', ['name', 'country'])">Makes</button>

```
+<button onclick="fetch('cars', ['model', 'vin', 'make', 'parts'])">Cars</button>
```

```
+
```

```
+<div id="list">
```

```
+</div>
```

```
+
```

```
+<script>
```

```
+  var fetch = function(which, fields) {
```

```
+    $("#list").empty();
```

```
+    $.get("http://localhost:3000/" + which + ".json", true)
```

```
+        .done(function(json) {
```

```
+            for (item in json) {
```

```
+                lis = "<li>";
```

```
+                for (field in fields) {
```

```
+                    lis += json[item][fields[field]] + " ";
```

```
+                }
```

```
+                lis += "</li>";
```

```
+                $("#list").append(lis);
```

```
+            }
```

```
+    })  
  
+    .fail(function(json){ console.log("fail"); })  
  
+    };  
  
+  
  
+</script>  
  
+  
  
+</body>  
  
+</html>  
  
+</html>
```

\ No newline at end of file

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(END)

diff --git a/app/views/cars/_car.json.jbuilder b/app/views/cars/_car.json.jbuilder

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new file mode 100644

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+ <link rel="stylesheet" href="styles.css"/>
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+ <script
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+     integrity="sha256-2Kok7MbOyxpgUVvAk/HJ2jigOSYS2auK4Pfzbm7uH60="
```

```
:
```

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+<head>
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+  <link rel="stylesheet" href="styles.css"/>
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+    src="https://code.jquery.com/jquery-3.3.1.js"
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+    integrity="sha256-2Kok7MbOyxpgUVvAk/HJ2jigOSYS2auK4Pfbzm7uH60="
```

```
+    crossorigin="anonymous"></script>
```

```
+</head>
```

```
+<body>

+

+<h1>Cars and Parts</h1>

+<button onclick="fetch('parts', ['name'])">Parts</button>

+<button onclick="fetch('makes', ['name', 'country'])">Makes</button>

+<button onclick="fetch('cars', ['model', 'vin', 'make', 'parts'])">Cars</button>

+

+<div id="list">

+</div>

+

+<script>

+  var fetch = function(which, fields) {

+    $("#list").empty();

+    $.get("http://localhost:3000/" + which + ".json", true)

+      .done(function(json) {

+        for (item in json) {

+          lis = "<li>";

+          for (field in fields) {
```

```
+         lis += json[item][fields[field]] + " ";

+     }

+     lis += "</li>";

+     $("#list").append(lis);

+ }

+ })

+ .fail(function(json){ console.log("fail"); })

+ };

+

+</script>

+

+</body>

+</html>

+</html>

\ No newline
```