

jQuery



Learning Objectives

-
-
-
-
-
-
-

Agenda

- -
 -
 -

Project Interlude

Extra Session

Git and Github

Review



Review

-
-
- -
 -

jQuery



The Most Popular Library

- _____
- -
 -
 -
- _____

So, what does it do?

-
-
-
-
-
-
-
-
-
-



How do we use it?

-
-
-

What does it look like?

```
$( "img" ).fadeOut( 300 );
```

-
-
-
-

jQuery: In Depth



Selectors

```
$( "img" );
```

```
$( "p" );
```

```
$( ".bill" );
```

```
$( "#important" );
```

```
$( "div h3" );
```

```
$( "nav > a" );
```

Selectors

```
<p>Paragraph</p>

<div id="main"></div>

<p class="intro"></p>

<div class="container">
  <p></p>
</div>

<ul>
  <li></li>
  <li class="special">
    Special
  </li>
  <li></li>
  <li></li>
</ul>
```

```
$( "p" );

$( "#main" );

$( "p.intro" );

$( ".container p" );

$( "ul" );

$( "ul > li.special" );
```

Exercise!

Reading Elements

```
<a href="http://jquery.com/"> jQuery </a>
```

```
$( "a" );  
  
var text = $( "a" ).html();  
  
var href = $( "a" ).attr( "href" );  
  
var fontSize = $( "a" ).css( "font-size" );
```

Changing Elements

```
<a href="http://jquery.com/"> jQuery </a>
```

```
$( "a" );  
  
$( "a" ).html( "MDN" );  
  
$( "a" ).attr( "href", "https://developer.mozilla.org/en-US/" );  
  
$( "a" ).css({  
    fontSize: "50px"  
}); // Notice the camelCasing!
```

Patterns



Select, Manipulate, Admire

-

-

-

-

-

Select, Manipulate, Admire

-

-

-

-

-

Select, Manipulate, Admire

```
var $body = $( "body" );  
  
$body.addClass( "material-theme" );  
  
$body.css({  
    fontFamily: "Comic Sans",  
    fontSize: "30px"  
});  
  
// $body.animate(  
//     PROPERTIES TO ANIMATE (object like CSS),  
//     TIME IN MILLISECONDS  
// );
```

Exercise!

CHANGE THIS IMAGE:

```

```

TO THIS IMAGE USING JAVASCRIPT AND JQUERY:

```

```

EXTRA: ADD A BORDER

LOOK INTO TIMERS (GET ALL THIS TO HAPPEN AFTER ONE SECOND)

Create, Manipulate, Inject...

-

-

-

-

-

-

Create, Manipulate, Inject...

-

-

-

-

-

-

Create, Manipulate, Inject...

```
var $h1 = $( "<h1>Hello World</h1>" );  
  
$h1.css( "font-size", "24px" );  
  
$( "body" ).prepend( $h1 );
```

Exercise!

-
- -

jQuery: Next



Events in JavaScript

```
WHEN the element with ID of toggle is CLICKED
  SELECT the body tag and save as $body
  CHANGE $body's CSS to have a hotpink background

WHEN the element with ID of toggle is CLICKED
  SELECT the body tag and save as $body
  STORE the currentBackground of $body
  IF currentBackground === "hotpink"
    CHANGE $body's CSS to have a ghostwhite background
  ELSE
    CHANGE $body's CSS to have a hotpink background
```

Events in JavaScript

```
WHEN the page is scrolled  
  CREATE an image of bill, save it as $bill  
  CHANGE the src of $bill to be http://fillmurray.com/500/500  
  APPEND it to the page
```

Events in JavaScript

-

-

-

-

Events in JavaScript

```
function sayHi () {  
    alert("Hello");  
}  
  
var $button = $( "button" );  
  
$button.on( "click", sayHi );  
  
// OR...  
  
$( "p" ).on( "click", function () {  
    console.log( "Hello" );  
});
```


Homework

- _____
- _____
- _____
- _____

Next Lesson

- -
 -

Q & A



Feedback Time

Thanks!

