



jQuery
with Guy Routledge
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Agenda

- JS Recap
- jQuery Intro
- jQuery Practical
- Project 1-on-1

Objective

Make creating interaction with JS more approachable.

jQuery

As much as jQuery is a nicer way to add interaction...

jQuery **is** JavaScript

jQuery

jQuery is a cross-browser JavaScript library designed to simplify the client-side scripting of HTML.

jQuery provides

- More consistent and readable syntax
- More powerful element selecting
- Easier classname and CSS manipulation
- Powerful event binding and handling
- Animation
- AJAX (asynchronous requests)
- Loads of plugins

jQuery

Adding jQuery to your website

```
<script src="js/jquery-latest.min.js"></script>
```

```
/* or */
```

```
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/2.2.0  
/jquery.js"></script>
```

jQuery

jQuery gives us a short, human-readable, cross-browser friendly syntax for selecting and interacting with elements

```
$( '.content-box' ).hide();
```


jQuery

jQuery selectors are just like CSS

```
$('p').fadeIn();  
$('.lead-paragraph').show();  
$('#feature p').slideUp();
```

jQuery

\$ is a function.

We can use it to find elements on a page:

```
$( "#searchBox" )  
$( ".errors" )
```

The function returns a set of HTML elements you have selected as a jQuery object. This object provides lots of methods (actions) so now you can do stuff to that selection.

Look familiar?

```
document.getElementById( 'searchBox' ); // Javascript  
$( '#searchBox' ) // jQuery
```

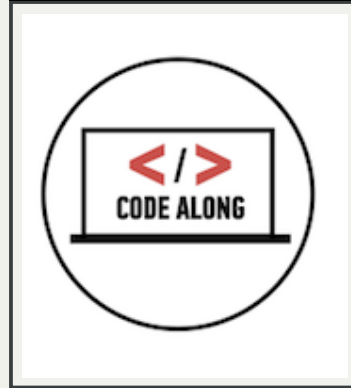
jQuery

jQuery is a library that we have to load first before running our own JS so we only want to run jQuery when the document is ready

```
$(document).ready(function(){  
    /* your jQuery goes here and will  
    run when the page is ready */  
});
```

jQuery

Really useful documentation about everything jQuery can
do: <http://jquery.com/>



Color Switcher

<http://codepen.io/guyroutledge/pen/jBLGn>



Hamburger Menu

