



FEWD - JQUERY INTRO

AGENDA

- Intro To Programming Reivew
- Intro To jQuery
- jQuery Basics
 - File Structure
 - Syntax
- Adding Interactivity

INTRO TO PROGRAMMING REVIEW

What are your questions?

INTRO TO JQUERY

WHAT IS JQUERY?

JQUERY

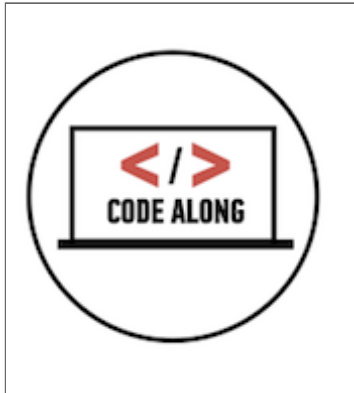
jQuery **is** JavaScript

JQUERY

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

JQUERY

- jquery.com - A JavaScript library that makes DOM manipulation simple.
- "Cross browser" - works the same in all* browsers.
- Allows:
 - Document traversal
 - CSS Manipulation
 - Event Handling
 - Animation
 - and more!



JQUERY COLOR SWITCHER

JS/JQUERY BASICS

ADDING JQUERY TO YOUR WEBSITE SCRIPT TAGS

JQUERY

Adding the file:

```
<script src="js/jquery-1.8.3.min.js"></script>
```

-OR-

Adding it via CDN:

```
<script src="//ajax.googleapis.com/ajax/libs/jquery/1.10.2/jquery.min.js"></script>
```

SYNTAX

Syntax: Spelling and grammar rules of a programming language.

JAVASCRIPT SYNTAX - PUNCTUATION

- Semicolon
- Brackets
- Parentheses
- Quotation Marks

JAVASCRIPT SYNTAX EXAMPLE

```
function helloWorld() {  
  console.log('hellow world');  
};
```

```
helloWorld();
```

JQUERY SYNTAX

\$

The Dollar Sign

JAVASCRIPT SYNTAX - SELECTORS

```
document.querySelector('.element-class');  
document.getElementById('elementId');  
document.getElementsByTagName('body');
```

- There are many different ways to select an element in plain JS, not all is supported in every browser
- Once an element is selected, there are a lot of steps you need to take to perform an action on that element

JQUERY SYNTAX - SELECTORS

```
$ ( ".class" )
```

- Uses css selectors to select an element
- Works in every browser
- Can perform any jQuery method on that element very easily

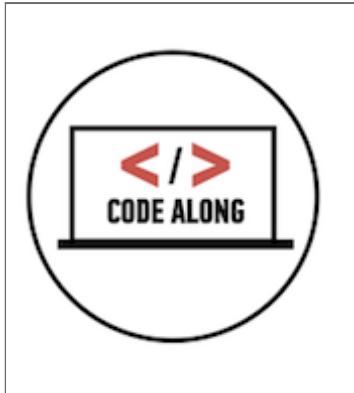
JQUERY SYNTAX - METHODS

```
$ ( ".class" ).click ( );
```

JQUERY CLICK EVENT

```
$(".class").click(clickJustHappened);
```

```
function clickJustHappened() {  
    // Do some things!  
}
```



JQUERY TRAFFIC LIGHT

MORE JQUERY METHODS

`.slideUp()`

`.slideDown()`

`.fadeIn()`

`.fadeOut()`

THE JQUERY DOCS

<https://api.jquery.com/>



SYNTAX DRILL

ADDING INTERACTIVITY

