Intro to jQuery

An Easier Way?

Key Questions

- What is jQuery
- What is a library?
- Why would you use jQuery?
- Why would you not use jQuery?

What is jQuery?

jQuery is a DOM manipulation library

the most popular lib for JS

What is jQuery?

It comes with a bunch of useful methods to things like:

- Select Elements
- Manipulate Elements
- Create Elements
- Add Event Listeners
- Animate Elements
- Add Effects
- Make HTTP Requests(AJAX)

Why Use jQuery?

- Fixes "broken" DOM API
- Brevity and Clarity
- Ease of use
- Cross-Browser Support
- AJAX
- Lot's of people use jQuery!

Why Not Use jQuery?

- The DOM API is no longer "broken"
- It doesn't do anything you can't do on your own
- It's an unnecessary dependency
- Performance
- Lot's of people are moving away from jQuery!

Either way, it's worth knowing.

Adding jQuery

Download jQuery and link to it locally:

```
<script type="text/javascript" src="jquery.js"></script>
```

OR

Link to a CDN(a hosted copy)

```
<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
```

Google: cdn jquery

Quick Preview

Here's a 30 second preview of what jQuery looks like:

```javascript
//when a user clicks the button with id 'trigger'
$('#trigger').click(function(){

  //change the body's background to yellow
  $('body').css("background", "yellow");

   ///fade out all img's over 3 seconds
  $('img').fadeOut(3000, function() {

    //remove imgs from page when fadeOut is done
    $(this).remove();
  });
});
```