



jQuery in a Day

My name is Brendan Quinn

4 years at Pasco School District

20 years as a front-end dev

(I build lots of websites)

10 years as an entrepreneur

avid boardgamer

What is jQuery?

**It's a tool that lets you
mess with HTML**

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**Turns static content into
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**It's a tool that lets you
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**Turns static content into
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**Pull content in from other
applications via AJAX**

Messing with HTML

(DOM Traversal and Manipulation)

```
$( 'p' ).addClass( 'awesome' )
```

Messing with HTML

(DOM Traversal and Manipulation)

Find a thing

```
$( 'p' ).addClass( 'awesome' )
```

Do something to it

Messing with HTML

(adding elements)

```
$( 'ul' ).append( someElement )
```

```
$( 'ul' ).prepend( someElement )
```


Messing with HTML

(adding elements)

```
$( 'ul' ).append( someElement )
```

```
$( 'ul' ).prepend( someElement )
```

```
$( 'li' ).before( someElement )
```

```
$( 'li' ).after( someElement )
```

Adding Interaction

(event handling)

```
$( 'ul' ).on( 'someEvent', function(e){  
  
    //do stuff  
  
});
```

Adding Interaction

(event handling with Dynamic Elements)

```
$( '.parentClass' ).on( 'someEvent', '.childClass', function(e){  
    //do stuff  
});
```

jQuery adds all event handling information at load, so functionality has to be assigned to a parent element for dynamically added elements to have the same functionality

Adding Interaction

(event handling with Dynamic Elements)

```
$( '.parentClass' ).on( 'someEvent', '.childClass', function(e){  
    //do stuff  
});
```

jQuery adds all event handling information at load, so functionality has to be assigned to a parent element for dynamically added elements to have the same functionality

Talking to Other Applications

(jQuery and AJAX)

But first...JSON

```
{  
  "spider": {  
    "numLegs": 8,  
    "numEyes": 14,  
    "climbWalls": true,  
    "spinWeb": true,  
    "eatPeople": false //probably  
  }  
}
```

But first...JSON

```
{  
  "spider": {  
    "numLegs": 8,  
    "numEyes": 14,  
    "climbWalls": true,  
    "spinWeb": true,  
    "eatPeople": false //probably  
  }  
}
```

```
console.log(spider.numEyes) //returns 14
```

INCREDIBLY IMPORTANT

PowerSchool uses '\$j' instead of '\$'
when implementing
jQuery functions.

```
$j('.selector')...
```

instead of

```
$('.selector')...
```


EDIBLY IMPOR

Thank You!

Slide deck, links to tools and other resources at:
github.com/bquinn-psd/jquery-in-a-day-1

Brendan Quinn
bquinn@psd1.org