

Getting Along with jQuery

Always be grammatically correct. End every sentence with a semicolon;

Always close your brackets, quotes, parenthesis, etc. The internet is a cold, dark place. Forgetting to wrap properly is like leaving your code naked in that cold.

Don't be afraid to use the console. It's a great place to test unfamiliar concepts quickly.

You are not the first person to have whatever issue you're having. Ask **The Google** or go to <http://api.jquery.com/>.

Moving Elements Around

Sometimes you need to move things or add stuff. Remember that if you use a jQuery selector, you are picking the element up and putting it somewhere else.

.after()

Add content after dest.

```
$('.dest').after('content')
$('.dest').after($('.content'))

<div class="dest">
  I'm an ad!
</div>
content
```

.insertAfter()

Add content after dest. Same as .after(), more confusing syntax.

```
$('.content').insertAfter($('.dest'))

<div class="dest">
  I'm an ad!
</div>
<div class="content"></div>
```

.before()

Add content before dest.

```
$('.dest').before('content')
$('.dest').before($('.content'))

content
<div class="dest">
  I'm an ad!
</div>
```

.insertBefore()

Add content before dest. Same as .before(), more confusing syntax.

```
$('.content').insertBefore($('.dest'));

<div class="content"></div>
<div class="dest">
  I'm an ad!
</div>
```

.prepend()

Add content as the first child of dest.

```
$('.dest').prepend('content')
$('.dest').prepend($('.content'))

<div class="dest">
  content
  I was already here!
</div>
```

.prependTo()

Add content as the first child of dest. Same as .prepend(), more confusing syntax.

```
$('.content').prependTo($('.dest'))

<div class="dest">
  <div class="content"></div>
  I was already here!
</div>
```

.append()

Add content as the last child of dest.

```
$('.dest').append('content')
$('.dest').append($('.content'))

<div class="dest">
  I was already here!
  content
</div>
```

.appendTo()

Add content as the last child of dest. Same as .append(), more confusing syntax. Don't do this to yourself.

```
$('.content').appendTo($('.dest'))

<div class="dest">
  I was already here!
  <div class="content"></div>
</div>
```

Changing Elements

These are great for small changes. For bigger changes, add a class to the element you want to change and then add CSS to the "experiment styles" stylesheet.

.text()

Replace element's guts with a string. HTML and special characters will be treated as text. Useful for things like heading tests. Generally easier to just use HTML.

```
$('.element').text('Everything in this element will be replaced with this text.')
```

.html()

Replace an element's guts with HTML. Serious business.

```
$('.element').html('<p>Everything in this element will be replaced with this HTML.</p>')
```

.addClass()

Add a class to an element. Straightforward. Boring but necessary. Redeeming feature: it can also be used for CSS3 animations.

```
$('.element').addClass('newClass')
```

.css()

Add inline CSS styles to all instances of an element like it's the 90s. Or remove inline styles. It's your choice!

```
$('.element').css('property', 'val')
$('.element').css('property', '')
```

.attr()

Change the value of an attribute or get the value of an attribute.

```
$('.element').attr('attr', 'val')
$('.element').attr('attr')
```

.hide()

Hide an element. Same as setting inline CSS to style="display:none;"

```
$('.element').hide()
```

.show()

Show an element. Same as setting inline CSS to what it was before the element was hidden.

```
$('.element').show()
```

Other Useful Stuff

These are some other tricks that are useful from time to time.

.on()

Bind something to a specific event. This can be a click, mouseover, etc.

```
$('.el').on('event', function(){
  //Cool thing to do
})
```

.off()

This is useful when there's already a function attached to a specific event but you need to do something different in your test. Replaces .unbind()

```
$('.element').off('event')
```

\$(document).ready()

Not necessary in Optimizely. When you're using code in the wild, this tells jQuery to wait for the object you're targeting to load.

```
$(document).ready(function(){
  //jQuery Code Here
});
```

document.write()

Replaces everything. Don't do this.

console.log('stuff')

Use shamelessly. Writes things like variable values to the console.

Concatenation:

Use the + symbol: 'Str ' + variable becomes 'Str variableValue'

Toggles

You can toggle some things on or off. Very exciting, feels like being a mad scientist.