

# JQUERY

(AND TO A LESSER EXTENT, JAVASCRIPT)

**WHAT IS  
JQUERY?**

**OK... SO  
WHAT IS  
JAVASCRIPT?**

**AND JUST WHAT  
CAN THIS 'JQUERY'  
THING DO?**

**IN A NUTSHELL,  
JQUERY WILL LET  
YOU GET INPUT  
FROM OR  
MANIPULATE ANY  
ELEMENT**

**GETTING IT  
SET UP**

- 1) LINK TO JQUERY.JS**
- 2) LINK TO YOUR OWN SCRIPTS**
- 3) WRAP YOUR JQUERY IN A  
'READY' BLOCK**

# **1) LINK TO JQUERY.JS**

**Get it from the  
Google Hosted Libraries**



## 2) LINK TO YOUR OWN SCRIPTS

```
<script src="js/scripts.js"></script>
```

### 3) USE THIS IN YOUR SCRIPTS.JS:

```
$(function() {  
    // your jQuery code goes here.  
});
```

# SYNTAX

**SELECTOR**

**ARGUMENT**

**`$('p').fadeOut('fast');`**

**FUNCTION**

**2. TO THIS...**

**3. LIKE THIS.**



```
graph TD; A[2. TO THIS...] --> D["$('p').fadeOut('fast');"]; B[3. LIKE THIS.] --> D; C[1. THIS HAPPENS...] --> D;
```

**`$('p').fadeOut('fast');`**

**1. THIS HAPPENS...**

JQUERY OBJECT



`$('p')`

**THIS STORES ALL THE <P>  
TAGS ON THE PAGE SO YOU CAN  
DO STUFF TO THEM**

```
$('p').fadeOut('fast');
```

```
$('#nav').fadeOut('fast');
```

```
$('.item').fadeOut('fast');
```

```
$('nav li a .selected').fadeOut('fast');
```

SO, I USE JQUERY TO MAKE  
THINGS FADE OUT?

THAT'S *SOooo AWESOME.*  
(IMPLIED SARCASM)



**`$('#p').fadeIn('fast');`**

**`$('#nav').slideUp('slow');`**

**`$('.item').slideDown(300);`**

**`$('.item').css('color', 'blue');`**

**`$('#h1').html('Here is a new headline.');`**

```
$(‘p’).fadeIn(1000).fadeOut(‘fast');
```

**BUT IT ONLY DOES IT WHEN  
THE PAGE FIRST LOADS.**

**THAT SEEMS RATHER LIMITED.**

**YOU'RE NOT  
WRONG.**

**THAT'S WHY WE HAVE...**

# EVENTS

## (INPUTS)

```
$(‘h3’).click();
```

WHEN THIS...



```
$(‘h3’).click(function() {  
    $(‘p’).fadeOut();  
    $(‘h2’).fadeIn();  
});
```

HAPPENS TO THIS...



```
$('h3').click(function() {  
    $('p').fadeOut();  
    $('h2').fadeIn();  
});
```



```
$('#h3').click(function() {
```

...DO THIS



```
    $('#p').fadeOut();
```

```
    $('#h2').fadeIn();
```

```
});
```

# HERE ARE SOME EVENTS:

**click()**

**dblclick()**

**hover()**

**focus()**

**keypress()**

**scroll()**

WANT TO INTERACT WITH  
A SPECIFIC ELEMENT?

NO PROBLEM.  
**'THIS'** CAN HANDLE THIS.

```
$(‘p’).click(function() {  
    $(‘p’).fadeOut();  
});
```

**RESULT:  
?**

```
$(‘p’).click(function() {  
    $(‘p’).fadeOut();  
});
```

**RESULT:  
ALL THE <P> TAGS FADE OUT**

```
$(‘p’).click(function() {  
    $(this).fadeOut();  
});
```

This is ‘this’

```
$(‘p’).click(function() {  
    $(‘p’).fadeOut();  
});
```

**RESULT:  
ALL THE <P> TAGS FADE OUT**

```
$(‘p’).click(function() {  
    $(this).fadeOut();  
});
```

**RESULT:**  
**?**



```
$('p').click(function() {  
    $(this).fadeOut();  
});
```

**RESULT:**  
**ONLY THAT <P> TAG FADES OUT**

## NOTE:

```
$(‘p’).click(function() {  
    $(this).fadeOut();  
});
```

**YOU USE QUOTES AROUND A JQUERY SELECTOR, BUT NOT AROUND THIS.**

**OK, THOM. YOU'VE  
CONVINCED US.**

**JQUERY REALLY IS EVERYTHING I'VE  
ALWAYS WANTED.**

**TOLD YA,  
SUCKAS!**

**NOW, LET'S  
PLAY WITH IT  
SOME MORE.**