

jQuery: How do I use it?

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Jumping in

```
$( '.platinums-and-golds' ).hide( 'slow' );
```

We are very fortunate.



Progressive Enhancement

“Progressive enhancement is a strategy for web design that emphasizes accessibility, semantic markup, and external stylesheet and scripting technologies. Progressive enhancement uses web technologies in a layered fashion that allows everyone to access the basic content and functionality of a web page, using any browser or Internet connection, while also providing those with better bandwidth or more advanced browser software an enhanced version of the page.”

-- Wikipedia



The Bling Operator: `$()`

```
$('query').doSomething(arguments);
```

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$('.platinums-and-golds').hide('slow');
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Query the DOM with Selectors

```
$('p').action(args);
```

```
$('.class').action(args);
```

```
$('.p.class').action(args);
```

```
$('#id').action(args);
```

```
$('.class', context).action(args);
```

```
$('.class:not(.foo)').action(args);
```



Actions are chainable

```
$ ( ' .class ' ) .append ( ' foo ' ) .show ( ' fast ' ) ;
```



Callbacks and anonymous functions

A common PHP for-loop:

```
foreach($values as $item=>$cost) {  
    $percent = ($cost / $total) * 100;  
    $values[$item] = $percent . '%';  
}
```



Callbacks and anonymous functions

jQuery is different:

```
$('.class').each(callback);
```

```
var total = $('#costs td.total').html();  
$('#costs td.cost').each(function() {  
    var percent = ($('#(this).html() / total) * 100);  
    $('#(this).html(percent + '%');  
});
```



Often, we wait for the document to load

```
$(document).ready(function() {  
    $('query').doSomething(arguments);  
});
```



Applying callbacks: Events

```
$( '#special-link' ).click(function() {  
    $(this).html('Some text');  
    return false;  
});
```



Simple collapsible lists

```
$(document).ready(function() {  
  $("ul.collapse > li a").toggle(function() {  
    $(this).toggleClass("red");  
    var itemParent = $(this).parent().get(0);  
    $(":not('a')", itemParent).children().hide('slow');  
    return false;  
  }, function() {  
    $(this).toggleClass("red");  
    var itemParent = $(this).parent().get(0);  
    $(":not('a')", itemParent).children().show('slow');  
    return false;  
  });  
});
```



Using a simple jQuery Plugin

```
$( '.corner' ).corner( '20px' );  
$( '.corner' ).corner( 'notch 20px' );  
$( '.corner' ).corner( 'bevel' );
```



Resources

jQuery: <http://jquery.com>

Visual jQuery: <http://visualjquery.com>

Ajaxian: <http://ajaxian.com>

15 Days of jQuery: <http://15daysofjquery.com>

“jQuery for Javascript Programmers” - Simon Willison

<http://simonwillison.net/2007/Aug/15/jquery/>

