

jQuery Fundamentals

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javascript...

WTF AM I READING

memecrunch.com

BITCH PLEASE

JQUERY IS SO EASY

TROLL.ME

What is jQuery?

```
click(function() { alert("test"); }); }); </script> and a jquery reference  
defined in the site.master <script src="  
<%=ResolveUrl("~/Scripts/jquery-1.3.2.js")%>" type="text/javascript">  
</script> 3 Feb 2010
```

[javascript - JQuery - \\$ is not defined - Stack Overflow](#)
stackoverflow.com/questions/2194992/jquery-is-not-defined

Google Search:
'Define: jQuery'

jQuery is a fast, small and feature-rich Javascript Library that you can include in your web pages. It lets you find elements using CSS-style selectors and then do something with the elements using jQuery Methods.

Linking to jQuery

```
<body>
```

```
<p>Hello World!</p>
```

```
<img src=/img/matteo.jpg alt=Matteo>
```

```
<script src="//code.jquery.com/jquery-1.11.3.min.js"></script>
```

```
<script src="//code.jquery.com/jquery-migrate-1.2.1.min.js"  
></script>
```

```
</body>
```

jquery.com/download

Getting a Document jQuery Ready

jQuery Object

Ready Event Method

```
$('document').ready(function)() {  
// Insert Script here  
});
```

Tells **Document** that it is **ready** for jQuery to be written.

The Basic Structure

Creates object
called jQuery
which holds
references to
elements within it

Selector

Finds all Header 1's (`<h1>`) with the class of title

`$('h1.title')`

jQuery Object

Adding a Method

jQuery Object

Method

```
$('#h1.title').addClass('complete');
```

Member Operator - Indicates that the Method Parameter should update the elements in the jQuery Object.

Parameter - Adds information to Member Operator about how it should update.

Finding Elements

*	All Elements
element	Targets that element
#id	Attribute value specified
.class	Attribute value specified
selector 1, selector 2	Elements that match more than one selector

Parent > Child	Direct child of another element, you can use '*' in place of child to select all child elements of the specified parent
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Previous + Next	Sibling selector only selects elements that are immediately followed by a previous element
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Previous - siblings	Sibling selector will select any elements that are a sibling of the previous element
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Selectors

.html ()

Gives every element in the matched set the same new content The new content may include HTML.

.text()

Gives every element in the matched set the same new text content. Any markup would be shown as text.

.replacewith()

Replaces every element in a matched set with new content. It also returns the replaced elements

.remove()

Removes all of the elements in the matched set.

.before()

Inserts content before the selected element(s)

.after()

Inserts content after the selected element(s).

.clone()

Creates a copy of the matched set

.add()

Selects all elements that contain the text specified (parameter is case sensitive)

Filters

:hidden	Hides Element once Function is Executed
:visable	Shows Element once Function is Executed

Example #1

Edit This Code:

See Result »

Result:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("h1, h2, p").addClass("blue");
        $("div").addClass("important");
    });
});
</script>
<style>
.important {
    font-weight: bold;
    font-size: xx-large;
}

.blue {
    color: blue;
}
</style>
</head>
<body>

<h1>Heading 1</h1>
<h2>Heading 2</h2>

<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

<div>This is some important text!</div><br>

<button>Add classes to elements</button>

</body>
</html>
```

Heading 1

Heading 2

This is a paragraph.

This is another paragraph.

This is some important text!

Add classes to elements

Example #2

Edit This Code:

See Result »

Result:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("p").click(function(){
        $(this).hide();
    });
});
</script>
</head>
<body>

<p>If you click on me, I will disappear.</p>
<p>Click me away!</p>
<p>Click me too!</p>

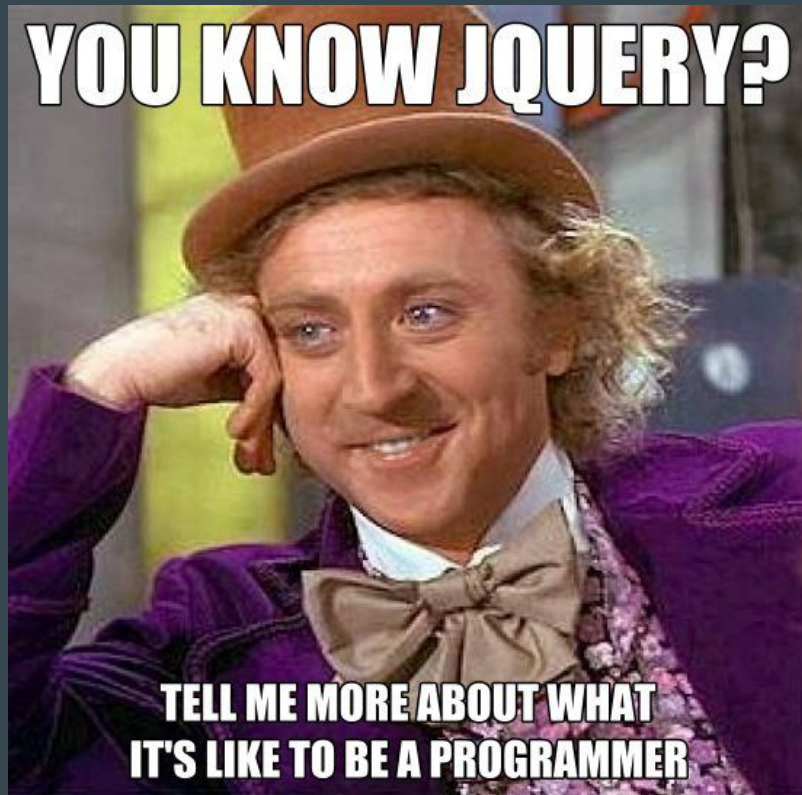
</body>
</html>
```

If you click on me, I will disappear.

Click me away!

Click me too!

YOU KNOW JQUERY?



**TELL ME MORE ABOUT WHAT
IT'S LIKE TO BE A PROGRAMMER**

Questions

1. What are jQuery's biggest problems?
2. Why do we use jQuery?
3. How JavaScript and jQuery are different?

Thank You