

Events

javascript is an event-driven language

the jQuery way

```
$('#selection').event(function() {  
    // code goes in here  
});
```

jQuery runs scripts

```
$(document).ready(function() {  
    //code goes in here  
}); //end ready
```

Events with jQuery

hover() event

mouseover and mouseout combined

```
$('#selector').hover(function1, function2);
```

Events with jQuery

`toggle()` event

works like `hover` but responds to mouseclicks
appear with first click and disappear with second

```
$('selector').hover(function1, function2);
```

hover/toggle event

create a javascript-driven FAQ page with jQuery

could be useful for your mobile site

preview the final result here

[http://www.csupomona.edu/~maflicker/spring12/
art356/faq_TUTORIAL_end.html](http://www.csupomona.edu/~maflicker/spring12/art356/faq_TUTORIAL_end.html)

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<title>faq tutorial</title>
<!--link jquery-->
<script type= "text/javascript" src= "js/jquery.js"></script>

```

```

<!--begin javascript function-->
<script type="text/javascript">
$(document).ready(function( ) {

}); // end of javascript function
</script>
</head>

```

```

<body id="twoCol">
<div id="container"> <!--begin div container-->
<div id="contentWrap"> <!--begin div contentwrap-->
<div id="main">
<h1>A One Page FAQ</h1>

<h2>I've heard that JavaScript is the long-lost fountain of youth. Is this true?</h2>
<div class="answer">
<p>Why, yes it is! Studies prove that learning JavaScript freshens the mind and extends life span by several hundred years. (Note: some scientists disagree with these claims.)</p>
</div>

<h2>Can JavaScript really solve all of my problems?</h2>
<div class="answer">
<p>Why, yes it can! It's the most versatile programming language ever created and is trained to provide financial management advice, life-saving CPR, and even to take care of household pets.</p>
</div>

<h2>Is there nothing JavaScript <em>can't</em> do?</h2>
<div class="answer">
<p>Why, no there isn't! It's even able to write its own public relations-oriented Frequently Asked Questions pages. Now that's one smart programming language!</p>
</div> <!--end div contentwrap-->
</div> <!--end div container-->

</body>
</html>

```

copy and paste this code
into an html file

Click on empty line after `$(document).ready()` function
and type

```
$('.answer').hide( );
```

the text of each answer is contained in a `<div>` tag
with the class `.answer` applied to it...this line of code
selects each `<div>` and hides it

Save this new page and open in browser.
All of the answers should be hidden.

Press return to create a new line
and type

```
$('#main h2').toggle(
```

this will target every `<h2>` tag
inside an element with an id of `#main`

Press return to create a new line
and type

```
function( ) {
```

```
    },
```

```
function( ) {
```

```
}
```

```
); //end of toggle( )
```

these lines create the basic structure of the
toggle functions. the comma separates them.

Now we'll add the effect we are after...
in the first function, between curly braces, type

```
$(this).next('.answer').fadeIn( );
```

this will target every object
with an class of .answer

Save this new page and open in browser.
All of the answers should be hidden.

When you click on any of the questions
in the page, the answer should be revealed.

In the second function, between curly braces, type

```
$(this).next('.answer').fadeOut( );
```

this will target every object
with an class of .answer

Save this new page and open in browser.
All of the answers should be hidden.

When you click on any of the questions
in the page, the answer should be revealed.

When you click on any of the questions a second
time, the answer should be hidden.