

- With jQuery you select HTML elements in the DOM and perform actions on them
 - Basic syntax is: `$(selector).action()`
 - A dollar sign (\$) is used to define jQuery
 - `$(selector).action() = jQuery(selector).action()`
 - A **selector** to "query (or find)" HTML elements
 - A jQuery **action** to apply to the element(s)

```
<p class="foo">words</p>
```

```
<p id="bar">more words</p>
```

```
<p class="foo">even more words</p>
```

```
<img class="foo" />
```

- Selection examples:
 - multiple results
 - \$("p").hide()
 - \$(".foo").hide()
 - \$("p.foo").hide()
 - single result
 - \$("#bar").hide()
 - context dependent
 - \$(this).hide()

- Many elaborate selectors possible
 - multiple selectors
 - `$("p,img")`
 - descendant selector
 - `$("p a")`
 - sibling filter
 - `$("#prev + next")`
 - negation
 - `$("#input:not(:checked)")`

Possible Actions:

- **append** content to a DOM element
- **wrap** content around a DOM element
- **toggle** the display of a DOM element
- attach a function that is run when you **hover** over a DOM element
- you can request data via the **ajax** pattern

- Loading jQuery is just like loading a remote JavaScript

```
<html>
  <head>
    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"></script>
    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.9.0/jquery-ui.min.js"></script>
    <script>
      $(document).ready(
        function() {
          $("img").click(
            function () {
              $(this).hide("blind", { direction: "horizontal" }, 5000);
            }
          );
        }
      );
    </script>
  </head>

  <body>
    
  </body>
</html>
```

Step 7

- Loading jQuery is just like loading a remote JavaScript

```
<html>
  <head>
    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"></script>
    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.9.0/jquery-ui.min.js"></script>
    <script>
      $(document).ready(
        function() {
          $("img").click(
            function () {
              $(this).hide("explode", 5000);
            }
          );
        }
      );
    </script>
  </head>

  <body>
    
  </body>
</html>
```

- Step 8

- Loading jQuery is just like loading a remote JavaScript

```
<html>
  <head>
    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"></script>
    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.9.0/jquery-ui.min.js"></scr
    <script>
      $(document).ready(
        function() {
          $("img").click(
            function () {
              $(this).hide("blind", { direction: "horizontal" }, 5000);
            }
          );
        }
      );
    </script>
  </head>

  <body>
    
    <br/>
    
  </body>
</html>
```

Step 07_02

The screenshot shows the jQuery website homepage. At the top, there is a navigation bar with links for jQuery, Plugins, UI, Meetups, Forum, Blog, About, and Donate. Below this is a secondary navigation bar with links for Download, Documentation, Tutorials, Bug Tracker, and Discussion. The main content area features the jQuery logo and tagline "write less, do more." followed by a headline "jQuery is a new kind of JavaScript Library." and a paragraph describing the library's capabilities. A "GRAB THE LATEST VERSION!" section offers two compression levels: PRODUCTION (31KB, Minified and Gzipped) and DEVELOPMENT (229KB, Uncompressed Code). A large "Download (jQuery);" button is present, with the current release version v1.6.4 noted below it. A "WHO'S USING JQUERY?" section displays logos for various companies and organizations. At the bottom, there are sections for "LEARN JQUERY NOW!" with a code snippet and a "RUN CODE" button, and "JQUERY RESOURCES" with links for getting started and developer resources.

jQuery Plugins UI Meetups Forum Blog About Donate

jQuery
write less, do more.

Download Documentation Tutorials Bug Tracker Discussion

jQuery is a new kind of JavaScript Library.

jQuery is a fast and concise JavaScript Library that simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development. jQuery is designed to change the way that you write JavaScript.

✓ [Lightweight Footprint](#) ✓ [CSS3 Compliant](#) ✓ [Cross-browser](#)

GRAB THE LATEST VERSION!

CHOOSE YOUR COMPRESSION LEVEL:

- PRODUCTION (31KB, Minified and Gzipped)
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 **Download (jQuery);**

Current Release: **v1.6.4**

WHO'S USING JQUERY? Google DELL IBM NBC CBS NETFLIX Technorati mozilla.org WordPress

LEARN JQUERY NOW!

What does jQuery code look like? Here's the quick and dirty:

```
$("#p.neat").addClass("ohmy").show("slow");
```

RUN CODE

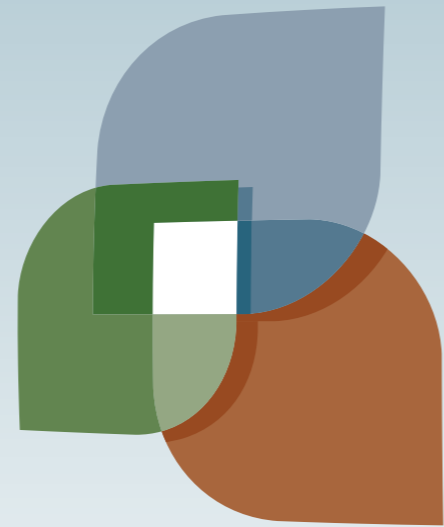
JQUERY RESOURCES

Getting Started With jQuery

- ◆ [How jQuery Works](#)
- ◆ [Tutorials](#)
- ◆ [Using jQuery with other libraries](#)
- ◆ [jQuery Documentation](#)

Developer Resources

- ◆ [Mailing List](#)
- ◆ [Source code / Git](#)
- ◆ [Plugin Authoring](#)
- ◆ [Submit a New Bug Report](#)



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