


## jQuery


*“jQuery is a lightweight JavaScript library that emphasizes interaction between JavaScript and HTML.”*

In other words - clean, lean, easy to use open source scripts to enhance your web pages, with no programming experience required... ;-)




## jQuery Features

- Implementation of core functionality – and utilities
- Selection – functionality for finding content in documents, navigating (“query”)
- Manipulation of content, working w/CSS
- Events –common Event helper functions
- Effects – animations, effects, movement, hide/show etc.
- User interface – interface plug-ins, widgets, sliders etc.



## First get the .js scripts

- Production version (ok)
- Development version
- Need to download both or just production.
- Documentation version in Visual Studio
- Move it into website and include script reference in pages to start using it.
- <http://jquery.com/>




## Link Page to jQuery library and add script

- In the page head section reference the .js file:
 


```
<script type="text/javascript" src="jquery-1.4.1.min.js">
</script>
<!--insert a script to do something-->
<script type="text/javascript">
  $("document").ready(function()
  {
    alert("The page just loaded!");
  });
</script>
```

(This makes a pop-up message that the page loaded)



## Samples: disable all links

```
<script type="text/javascript">
  $("document").ready (function()
  {
    $("a").removeAttr("href");
  }
  });
</script>
```



## Samples: Set all links on a page to open in a new window

```
<script type="text/javascript">
  $("document").ready (function()
  {
    $("a").attr("target","_blank");
  }
  });
</script>
```

## Script to add an icon to links

- ```
<script type="text/javascript">
$("document").ready(function()
{
  $("a[href$=.pdf]").after
  ("<img src='../images/pdficon_small.gif'
  align='absbottom' />");
});
</script>
```
- Functions start with a \$ sign
- \$= indicates to **end with** something

## UI library -Prebuilt functionality

- Interactions
  - Draggable, drop, resize, select, sort.
- Widgets (theme-able)
  - Accordion, date picker, progress bar, dialog, slider, tabs
- Effects
  - Add/Remove/toggle/switch class, hide/show/toggle, color animation
- <http://jqueryui.com/>
- [http://jqueryui.com/docs/Getting\\_Started](http://jqueryui.com/docs/Getting_Started)
- <http://jqueryui.com/demos/>

## jQueryui.com

- Build and modify the prebuilt scripts online (Elements as well as themes)
- <http://jqueryui.com/download>
- Download the zipped folder, and place files in the site folder.
- Open the included index.htm page and use code as needed.
- Also includes CSS so that can be tweaked

## Highslide image options

- <http://highslide.com/examples/gallery-white.html>
- <http://highslide.com/examples/gallery-floating-caption.html>
- <http://highslide.com/examples/gallery-floating-thumbs.html>
- <http://highslide.com/examples/gallery-in-page.html>
- (Free for single sites)

## J-Query TwoSpy Galleriffic slide shows

- <http://www.twospy.com/galleriffic/>
- <http://www.twospy.com/galleriffic/example-2.html>
- <http://www.twospy.com/galleriffic/example-5.html>

## Links

- <http://www.noupe.com/jquery/35-useful-jquery-plugins-for-slideshows-graphs-and-text-effects.html>
- <http://marcgrabanski.com/article/list-of-useful-jquery-plugins>
- <http://www.noupe.com/?s=query>
- <http://www.noupe.com/jquery/45-jquery-navigation-plugins-and-tutorials.html>
- <http://en.wikipedia.org/wiki/jQuery>