



Building Great Applications with jQuery and ColdFusion

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Why use JavaScript Libraries?

JS Libraries free you up from having to manually write out all the JavaScript code

Who actually wants to write JavaScript :)

Cross Browser compatibility

Most Libraries have plugins and widgets which makes this stuff easy

There are several popular JavaScript libraries...

- Spry
- Yahoo UI Library (YUI)
- Prototype
- Script.aculo.us
- jQuery

jQuery

A JavaScript library which enables us to find elements in our HTML code and to apply attributes, effects, classes, etc to them.

jQuery

Developed by John Resig of Mozilla - <http://ejohn.org>

John wrote “Pro JavaScript Techniques”

jQuery was first announced at BarCamp NYC in 2006

The growth of jQuery has exploded. They now have a team of developers working on jQuery including a UI team, Documentation Team, etc.

Both Microsoft and Nokia have announced they will be incorporating jQuery in their systems. What will Adobe do?

Why use jQuery?

The structure is very easy to learn and understand

The jQuery library is..

- Lightweight
- CSS3 compliant
- Cross-browser compliant: IE 6+, FireFox 2+, Safari 3+, Chrome, Opera 9+

The documentation is extremely high quality for an open source project.

<http://docs.jquery.com>

Hundreds of plugins..

<http://plugins.jquery.com/>

How to install jQuery?

Download the latest library from jquery.com

To load it into a page, simply..

```
<script type="text/javascript" src="js/jquery.js"></script>
```

How to run jQuery

```
<script type="text/javascript" id="example">  
  
$(document).ready(function(){  
  
    //Do something..  
});  
</script>
```

The function is similar to onLoad on the body tag or window.onload().

Special Note, when to use the dollar sign and when not?

The dollar sign is a factory method call in JavaScript and can cause some strange problems when using multiple JS libraries

So as a note in some cases you might want to avoid using the \$ explicitly.

For example..

```
$(document).ready(function(){  
});
```

Would instead be called as..

```
jQuery.noConflict();
```

```
jQuery(document).ready(function(){  
});
```

For more information..

<http://www.mc2design.com/blog/using-jquery-with-other-javascript-libraries>

http://docs.jquery.com/Using_jQuery_with_Other_Libraries

The structure of a jQuery call

```
$("#banner").addClass("highlighted").show("slow");
```

The selector..

```
jQuery("#banner")
```

The attribute..

```
addClass("highlighted")
```

The effect..

```
show("slow")
```

Commands can be 'chain' together which is the real power of jQuery

Let's look at some examples....

Examples

The ColdFusion world is picking up on jQuery

CF Bloggers talking about jQuery and CF

Ray Camden - coldfusionjedi.com

John Farrar - sosensible.com

Dan Wilson – nodans.com
- cfuniform.riaforge.org

J.J Merrick – JeremiahX.com

John Mason - codfusion.com

jQuery Presentations at CFUnited

Form Validation with CFCs and jQuery - Hal Helms

Introduction to jQuery with ColdFusion - Raymond Camden

Thanks for coming

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