



## 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](http://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](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](http://coldfusionjedi.com)

John Farrar - [sosensible.com](http://sosensible.com)

Dan Wilson – [nodans.com](http://nodans.com)  
- [cfuniform.riaforge.org](http://cfuniform.riaforge.org)

J.J Merrick – [JeremiahX.com](http://JeremiahX.com)

John Mason - [codfusion.com](http://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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