



Intro to jQuery Plugins

CSE 264

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Plugins?

- ✓ Plugins are the standard way of extending jQuery.
- ✓ A registry with a large number of plugins exists at <http://plugins.jquery.com/>
- ✓ Suppose you want to “roll your own”?

Plugin File

- ✓ Put all your code in a single file named:
 - jquery.pluginname.js
- ✓ Include the file after the jQuery file.
 - `<script src="js/jquery/1.7.0/jquery.min.js">`
`</script>`
 - `<script src="js/jquery.pluginname.js">`
`</script>`
 -
 -

Single Function Plugin

```
jQuery.hello = function() {  
    alert("Hi there!");  
};  
jQuery.hello();  
$.hello();
```

✓ Note: Use jQuery, not \$ in definition

Multi Function Plugin

```
jQuery.comingandgoing = {  
    hello : function() { alert("Hi");},  
    goodbye : function() { alert("Bye");}  
};
```

```
$.comingandgoing.hello();
```

```
$.comingandgoing.goodbye();
```

Modifying Selections

```
jQuery.fn.sayHi = function() {  
    this.each(function() {  
        $(this).html("hi");  
    });  
    return this;  
};
```

```
$("h2").sayHi()
```

Filtering Selections/Subselectors

```
jQuery.extend(jQuery.expr[':'], {  
  'align' : function(element, index, matches, set) {  
    if( jQuery(element).attr("align") == matches[3] ) {  
      return true; }  
    return false;  
  }  
});
```

```
$("h2:align(right)");
```

```
//Jenkov, Jakob (2012-11-24). jQuery Compressed
```