

jQuery Notes

Including jQuery

Local

```
<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
```

CDN

```
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.2/jquery.min.js"> </script>
```

jQuery Selectors

Basic Selectors	<ul style="list-style-type: none">• By tag \$("tag")• By class \$(".class")• By id \$("#id")• Combination \$("tag.class#id")• Multiple \$("sel1, sel2")
Hierarchy Selectors	<ul style="list-style-type: none">• Descendant \$("ancestor descendant")• Child \$("parent>child")• Next \$("start+next")• Sibling \$("start~siblings")
Basic Filters :filter (param)	<ul style="list-style-type: none">• First/Last \$("sel:first") \$("sel:last")• Not \$("sel1:not(sel2)")• Even/Odd \$("sel:even") \$("sel:odd")• Index (starts from 0) \$("sel:eq(index)")
Content Filters	<ul style="list-style-type: none">• Contain Text \$("sel:contains(text)")• Contain Element \$("sel:has(element)")• Empty \$("sel:empty")• Parents \$("sel:parent")
Visibility Filters	<ul style="list-style-type: none">• \$("sel:visible") \$("sel:hidden")
Attribute Filters	<ul style="list-style-type: none">• \$("sel[attr=value]")
Child Filters	<ul style="list-style-type: none">• Nth Child \$("sel:nth-child([even odd eq[index]])")• First/Last \$("parent child:last")
Form Filters	<ul style="list-style-type: none">• By Element Type \$("input:type")• Disabled/Enabled \$(":disabled")• Checked/Selected \$(":checked")

jQuery Actions and Methods

Traversing DOM Elements	<ul style="list-style-type: none"> • .eq(index) • .filter(sel) • .not(sel) • .first() .last() • .has(sel) • .is(sel) • .slice(start [, end]) • .children([sel]) • .closest(sel) • .find(sel) • .next([sel]) .nextAll([sel]) .nextUntil(sel) • .prev([sel]) .prevAll([sel]) .prevUntil(sel) • .siblings([sel]) • .parent([sel]) .parents([sel]) .parentsUntil([sel]) • .add(sel text) • .andSelf() • .contents() • .end()
Creating and Inserting DOM Elements	<ul style="list-style-type: none"> • \$("<tag>",{ attr:value }) • .append(el) .prepend(el) • .appendTo(sel) .prependTo(sel) • .after(el) .before(el) • .insertAfter(sel) .insertBefore(sel) • .wrap(el) • .unwrap() • .wrapAll(el) • .wrapInner(el) • .remove(sel) .detach(sel)
Accessing and Modifying CSS Attributes	<ul style="list-style-type: none"> • .attr(attr [, value]) • .removeAttr(attr) • .css({ styles }) • .text([replace]) .html([replace]) • .val([value]) • .data(name, value {JSON}) • .addClass(classes) .removeClass(classes) .toggleClass(classes) • .hasClass(classes) • .height([value]) .width([value]) • .innerHeight() .innerWidth() .outerHeight() .outerWidth()
Affecting Result Sets	<ul style="list-style-type: none"> • .map(function(index, el) { }) • .each(function(index, el) { })
Using Animations and other Effects	<ul style="list-style-type: none"> • .show([duration [, callback]]) .hide([duration [, callback]]) • .fadeIn([duration [, callback]]) .fadeOut([duration [, callback]]) .fadeTo(duration, opacity [, callback]) • .slideUp([duration [, callback]]) .slideDown([duration [, callback]]) .slideToggle([duration [, callback]]) • .animate(JSON CSS, [duration [, easing [, callback]]) • .delay(duration) • .stop([clearQ [, jumpToEnd]])
Handling Events	<ul style="list-style-type: none"> • .error(callback) • .scroll(callback) • .ready(function(\$alias) { }) • .unload(callback) • Events : blur, focus, focusin, focusout, load, resize, scroll, unload, click, dblclick, mousedown, mouseup, mousemove, mouseover, mouseout, mouseenter, mouseleave, change, select, submit, keydown, keypress, keyup, and error • .bind(events, [data,] callback) .unbind(events [, callback]) • .live(events, callback) .die(events [, callback]) • .one(events, callback) • .toggle(functions duration none) • .trigger(event)

Using AJAX Controls

- \$.ajax(options)
 - data : key=value&JSON
 - dataFilter(data, type)
 - dataType : xml|html|script|json|jsonp|text
 - error(XMLHttpRequest, textStatus, errorThrown)
 - success(data, textStatus, XMLHttpRequest)
 - type : GET|POST|PUT|DELETE
 - url : URL
- \$.ajaxSetup(defaultOptions)
- \$.get(url [, data [, callback [, datatype]]]) \$.post(url [, data [, callback [, datatype]]])
- \$.getJSON(url [, data [, callback]])
- \$.getScript(url [, callback])
- .load(url [, data [, callback]])