



DOM & JQUERY

VANILLA JAVASCRIPT

SELECTING ELEMENTS

`document.querySelector('.expanded')` *class selector*

`document.querySelector('#main')` *id selector*

`document.querySelector('h1, h2, h3')` *multiple selectors*

`document.querySelector('li a')` *descendent selector*

GETTING/SETTING CONTENT

`element.innerHTML = 'Hello';` *text content*

`element.src = 'images/fun.png';` *src attribute value*

`element.className = 'success';` *class attribute value*

`element.value = '';` *input box value*

ADDING CONTENT TO THE DOM

`document.createElement('li');` *create a new element of the specified type*

`document.createTextNode('Today's Weather');` *create a node containing specified text*

`parent.appendChild(child);` *append child node to parent node*

EVENTS

```
element.addEventListener('click', function() {  
    // do something  
}, false);
```

JQUERY

SELECTING ELEMENTS

<code>\$('.className')</code>	<i>class selector</i>	<code>\$(h1 > a')</code>	<i>direct child selector</i>
<code>\$('#idName')</code>	<i>id selector</i>	<code>\$(h1 + a')</code>	<i>adjacent sibling selector</i>
<code>\$(h1, h2, h3')</code>	<i>multiple selectors</i>	<code>\$(h1 ~ a')</code>	<i>general sibling selector</i>
<code>\$(li a')</code>	<i>descendent selector</i>		

FINDING ELEMENTS

<code>\$(p').find('a');</code>	<i>find descendents</i>	<code>\$(p').parent('div');</code>	<i>find parent</i>
<code>\$(p').children('a');</code>	<i>find children</i>	<code>\$(p').siblings('a');</code>	<i>find siblings</i>

GETTING/SETTING CONTENT

<code>\$(p').text('Hello');</code>	<code>\$(p').addClass('success');</code>
<code>\$(img').attr('src', 'images/fun.png');</code>	<code>\$(p').removeClass('error');</code>
	<code>\$(p').toggleClass('highlight');</code>

EFFECTS/ANIMATION

<code>\$(p').show();</code>	<code>\$(p').slideUp(350);</code>
<code>\$(p').hide();</code>	<code>\$(p').slideDown(600);</code>
<code>\$(div').fadeIn('slow');</code>	<code>\$(h1').slideToggle(300);</code>
<code>\$(h2 a').fadeOut('fast');</code>	

EVENTS

```
$(li').on('click', function() {  
    // do something  
});
```