



# EVENTS & JQUERY

## GETTING/SETTING CONTENT

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<code>element.innerHTML = 'Hello';</code>	<i>text content</i>
<code>element.src = 'images/fun.png';</code>	<i>src attribute value</i>
<code>element.className = 'success';</code>	<i>class attribute value</i>
<code>element.value = '';</code>	<i>input box value</i>

## ADDING CONTENT TO THE DOM

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<code>document.createElement('li');</code>	<i>create a new element of the specified type</i>
<code>document.createTextNode('Today's Weather');</code>	<i>create a node containing specified text</i>
<code>parent.appendChild(child);</code>	<i>append child node to parent node</i>

## EVENT LISTENERS

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element reference	method to add event listener	type of event	
<code>button</code>	<code>.addEventListener()</code>	<code>'click'</code>	<code>function() {   // your code here }, false);</code>
			<i>function to run when event is triggered</i>
	<i>final boolean parameter for backward compatibility</i>		

## VANILLA JS VS JQUERY SYNTAX

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Vanilla JS		jQuery
<code>document.querySelector('.intro')</code>		<code>\$('.intro')</code> <i>select element by selector</i>
<code>document.querySelectorAll('.intro')</code>		<code>\$('.intro')</code> <i>select elements by selector</i>
<code>document.createElement('h1')</code>		<code>\$(`&lt;h1&gt;`)</code> <i>create an element</i>
<code>document.createTextNode('banana')</code>		<code>item1.('banana')</code> <i>create a text node</i>
<code>list.appendChild(item1)</code>		<code>list.append(item1)</code> <i>append</i>

# JQUERY

## METHODS

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```
$('#heading').text('Your Name');  
$('.main').find('h1').addClass('warning');
```

## EVENTS

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

## SELECTORS

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<code>\$('.className')</code>	<i>class selector</i>
<code>\$('#idName')</code>	<i>id selector</i>
<code>\$(h1, h2, h3')</code>	<i>multiple selectors</i>
<code>\$(li a')</code>	<i>descendent selector</i>

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<code>\$(h1 &gt; a')</code>	<i>direct child selector</i>
<code>\$(h1 + a')</code>	<i>adjacent sibling selector</i>
<code>\$(h1 ~ a')</code>	<i>general sibling selector</i>

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## FINDING ELEMENTS

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

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

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## GETTING/SETTING CONTENT

<code>\$(p').text('Hello');</code>
<code>\$(img').attr('src', 'images/fun.png');</code>

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<code>\$(p').addClass('success');</code>
<code>\$(p').removeClass('error');</code>
<code>\$(p').toggleClass('highlight');</code>

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## EFFECTS/ANIMATION

<code>\$(p').show();</code>
<code>\$(p').hide();</code>
<code>\$(div').fadeIn('slow');</code>
<code>\$(h2 a').fadeOut('fast');</code>

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<code>\$(p').slideUp(350);</code>
<code>\$(p').slideDown(600);</code>
<code>\$(h1').slideToggle(300);</code>

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