

# jQuery Manipulation Methods

## **jQuery Manipulation:**

The different kinds of methods in jQuery can be used to manipulate the DOM. These methods can be categorized in 2 ways, namely:

## **Setters:**

In this case, some kinds of methods can be used to simply change the attributes of an element, whereas other kinds of methods set the element's style properties.

There are still a few other kinds of methods that can be used to modify entire elements or groups of elements themselves, by inserting, copying, removing, and so on, in order to change the values of properties.

## **Getters:**

In this case, few of the methods which acts as getter, such as `.attr()`, `.html()`, and `.val()`, etc., can be utilize to retrieve the information from DOM elements for further use.

The list of methods used for manipulates the DOM is given below:

Methods	Descriptions	Syntax
<a href="#"><u>.append()</u></a>	Inserts content at the end of selected elements.	<code>\$(selector).append( content, function(index, html) )</code>
<a href="#"><u>.appendTo()</u></a>	Inserts an HTML element at the end of selected element.	<code>\$(content).appendTo(selector)</code>
<a href="#"><u>.html()</u></a>	Sets or returns the innerHTML content of selected element.	<code>\$(selector).html(function(index, currentcontent))</code>
<a href="#"><u>.prependTo()</u></a>	Insert HTML elements or content at the beginning of selected element.	<code>\$(content).prepend(selector)</code>
<a href="#"><u>.text()</u></a>	Sets or returns the text content of the element.	<code>\$(selector).text(function(index, currentcontent))</code>
<a href="#"><u>.clone()</u></a>	Makes a copy of selected elements including its child	<code>\$(selector).clone()</code>
<a href="#"><u>.insertBefore()</u></a>	Inserts HTML content before a specified element.	<code>\$(content).insertBefore(target)</code>
<a href="#"><u>.insertAfter()</u></a>	Inserts some HTML content after specified element.	<code>\$(content).insertAfter(target)</code>
<a href="#"><u>.detach()</u></a>	Removes the selected elements from the DOM tree	<code>\$(selector).detach()</code>
<a href="#"><u>.empty()</u></a>	Remove all child nodes and their content for selected elements.	<code>\$(selector).empty()</code>
<a href="#"><u>.remove()</u></a>	Removes all the selected elements including the text.	<code>\$(selector).remove()</code>
<a href="#"><u>.replaceWith()</u></a>	Replaces the selected element with the new one.	<code>\$(selector).replaceWith(content, function)</code>
<a href="#"><u>.wrapAll()</u></a>	Used to wrap specified element against all selected elements	<code>\$(selector).wrapAll(wrap_element)</code>

