* **$('\*'):** This selector selects all elements in the document.
* **$("p > \*"):** This selector selects all elements that are children of a paragraph element.
* **$("#specialID"):** This selector function gets the element with id="specialID".
* **$(".specialClass"):** This selector gets all the elements that have the class of*specialClass*.
* **$("li:not(.myclass)"):** Selects all elements matched by <li> that do not have class="myclass".
* **$("a#specialID.specialClass"):** This selector matches links with an id of *specialID* and a class of *specialClass*.
* **$("p a.specialClass"):** This selector matches links with a class of *specialClass* declared within <p> elements.
* **$("ul li:first"):** This selector gets only the first <li> element of the <ul>.
* **$("#container p"):** Selects all elements matched by <p> that are descendants of an element that has an id of *container*.
* **$("li > ul"):** Selects all elements matched by <ul> that are children of an element matched by <li>
* **$("strong + em"):** Selects all elements matched by <em> that immediately follow a sibling element matched by <strong>.
* **$("p ~ ul"):** Selects all elements matched by <ul> that follow a sibling element matched by <p>.
* **$("code, em, strong"):** Selects all elements matched by <code> or <em> or <strong>.
* **$("p strong, .myclass"):** Selects all elements matched by <strong> that are descendants of an element matched by <p> as well as all elements that have a class of*myclass*.
* **$(":empty"):** Selects all elements that have no children.
* **$("p:empty"):** Selects all elements matched by <p> that have no children.
* **$("div[p]"):** Selects all elements matched by <div> that contain an element matched by <p>.
* **$("p[.myclass]"):** Selects all elements matched by <p> that contain an element with a class of *myclass*.
* **$("a[@rel]"):** Selects all elements matched by <a> that have a rel attribute.
* **$("input[@name=myname]"):** Selects all elements matched by <input> that have a name value exactly equal to *myname.*
* **$("input[@name^=myname]"):** Selects all elements matched by <input> that have a name value beginning with *myname*.
* **$("a[@rel$=self]"):** Selects all elements matched by <a> that have **rel** attribute value ending with *self*
* **$("a[@href\*=domain.com]"):** Selects all elements matched by <a> that have an href value containing domain.com.
* **$("li:even"):** Selects all elements matched by <li> that have an even index value.
* **$("tr:odd"):** Selects all elements matched by <tr> that have an odd index value.
* **$("li:first"):** Selects the first <li> element.
* **$("li:last"):** Selects the last <li> element.
* **$("li:visible"):** Selects all elements matched by <li> that are visible.
* **$("li:hidden"):** Selects all elements matched by <li> that are hidden.
* **$(":radio"):** Selects all radio buttons in the form.
* **$(":checked"):** Selects all checked boxex in the form.
* **$(":input"):** Selects only form elements (input, select, textarea, button).
* **$(":text"):** Selects only text elements (input[type=text]).
* **$("li:eq(2)"):** Selects the third <li> element
* **$("li:eq(4)"):** Selects the fifth <li> element
* **$("li:lt(2)"):** Selects all elements matched by <li> element before the third one; in other words, the first two <li> elements.
* **$("p:lt(3)"):** selects all elements matched by <p> elements before the fourth one; in other words the first three <p> elements.
* **$("li:gt(1)"):** Selects all elements matched by <li> after the second one.
* **$("p:gt(2)"):** Selects all elements matched by <p> after the third one.
* **$("div/p"):** Selects all elements matched by <p> that are children of an element matched by <div>.
* **$("div//code"):** Selects all elements matched by <code>that are descendants of an element matched by <div>.
* **$("//p//a"):** Selects all elements matched by <a> that are descendants of an element matched by <p>
* **$("li:first-child"):** Selects all elements matched by <li> that are the first child of their parent.
* **$("li:last-child"):** Selects all elements matched by <li> that are the last child of their parent.
* **$(":parent"):** Selects all elements that are the parent of another element, including text.
* **$("li:contains(second)"):** Selects all elements matched by <li> that contain the text second.
* **$("#myID").attr("custom") :** This would return value of attribute *custom* for the first element matching with ID myID.
* **$("img").attr("alt", "Sample Image"):** This sets the **alt** attribute of all the images to a new value "Sample Image".
* **$("input").attr({ value: "", title: "Please enter a value" }); :** Sets the value of all <input> elements to the empty string, as well as sets the title to the string *Please enter a value*.
* **$("a[href^=http://]").attr("target","\_blank"):** Selects all links with an href attribute starting with *http://* and set its target attribute to *\_blank*
* **$("a").removeAttr("target") :** This would remove *target* attribute of all the links.
* **$("form").submit(function() {$(":submit",this).attr("disabled", "disabled");}); :** This would modify the disabled attribute to the value "disabled" while clicking Submit button.
* **$("p:last").hasClass("selected"):** This return true if last <p> tag has associated class*selected*.
* **$("p").text():** Returns string that contains the combined text contents of all matched <p> elements.
* **$("p").text("<i>Hello World</i>"):** This would set "<I>Hello World</I>" as text content of the matching <p> elements
* **$("p").html() :** This returns the HTML content of the all matching paragraphs.
* **$("div").html("Hello World") :** This would set the HTML content of all matching <div> to *Hello World*.
* **$("input:checkbox:checked").val() :** Get the first value from a checked checkbox
* **$("input:radio[name=bar]:checked").val():** Get the first value from a set of radio buttons
* **$("button").val("Hello") :** Sets the value attribute of every matched element <button>.
* **$("input").val("on") :** This would check all the radio or check box button whose value is "on".
* **$("select").val("Orange") :** This would select Orange option in a dropdown box with options Orange, Mango and Banana.
* **$("select").val("Orange", "Mango") :** This would select Orange and Mango options in a dropdown box with options Orange, Mango and Banana.

Query DOM Traversing Methods:

* Following table lists down useful methods which you can use to filter out various elements from a list of DOM elements:

|  |  |
| --- | --- |
| **Selector** | **Description** |
| [eq( index )](http://www.tutorialspoint.com/jquery/traversal-eq.htm) | Reduce the set of matched elements to a single element. |
| [filter( selector )](http://www.tutorialspoint.com/jquery/traversal-filter.htm) | Removes all elements from the set of matched elements that do not match the specified selector(s). |
| [filter( fn )](http://www.tutorialspoint.com/jquery/traversal-filter-fn.htm) | Removes all elements from the set of matched elements that do not match the specified function. |
| [is( selector )](http://www.tutorialspoint.com/jquery/traversal-is.htm) | Checks the current selection against an expression and returns true, if at least one element of the selection fits the given selector. |
| [map( callback )](http://www.tutorialspoint.com/jquery/traversal-map.htm) | Translate a set of elements in the jQuery object into another set of values in a jQuery array (which may, or may not contain elements). |
| [not( selector )](http://www.tutorialspoint.com/jquery/traversal-not.htm) | Removes elements matching the specified selector from the set of matched elements. |
| [slice( start, [end] )](http://www.tutorialspoint.com/jquery/traversal-slice.htm) | Selects a subset of the matched elements. |

* Following table lists down other useful methods which you can use to locate various elements in a DOM:

|  |  |
| --- | --- |
| **Selector** | **Description** |
| [add( selector )](http://www.tutorialspoint.com/jquery/traversal-add.htm) | Adds more elements, matched by the given selector, to the set of matched elements. |
| [andSelf( )](http://www.tutorialspoint.com/jquery/traversal-andself.htm) | Add the previous selection to the current selection. |
| [children( [selector])](http://www.tutorialspoint.com/jquery/traversal-children.htm) | Get a set of elements containing all of the unique immediate children of each of the matched set of elements. |
| [closest( selector )](http://www.tutorialspoint.com/jquery/traversal-closest.htm) | Get a set of elements containing the closest parent element that matches the specified selector, the starting element included. |
| [contents( )](http://www.tutorialspoint.com/jquery/traversal-contents.htm) | Find all the child nodes inside the matched elements (including text nodes), or the content document, if the element is an iframe. |
| [end( )](http://www.tutorialspoint.com/jquery/traversal-end.htm) | Revert the most recent 'destructive' operation, changing the set of matched elements to its previous state . |
| [find( selector )](http://www.tutorialspoint.com/jquery/traversal-find.htm) | Searches for descendent elements that match the specified selectors. |
| [next( [selector] )](http://www.tutorialspoint.com/jquery/traversal-next.htm) | Get a set of elements containing the unique next siblings of each of the given set of elements. |
| [nextAll( [selector] )](http://www.tutorialspoint.com/jquery/traversal-nextall.htm) | Find all sibling elements after the current element. |
| [offsetParent( )](http://www.tutorialspoint.com/jquery/traversal-offsetparent.htm) | Returns a jQuery collection with the positioned parent of the first matched element. |
| [parent( [selector] )](http://www.tutorialspoint.com/jquery/traversal-parent.htm) | Get the direct parent of an element. If called on a set of elements, parent returns a set of their unique direct parent elements. |
| [parents( [selector] )](http://www.tutorialspoint.com/jquery/traversal-parents.htm) | Get a set of elements containing the unique ancestors of the matched set of elements (except for the root element). |
| [prev( [selector] )](http://www.tutorialspoint.com/jquery/traversal-prev.htm) | Get a set of elements containing the unique previous siblings of each of the matched set of elements. |
| [prevAll( [selector] )](http://www.tutorialspoint.com/jquery/traversal-prevall.htm) | Find all sibling elements in front of the current element. |
| [siblings( [selector] )](http://www.tutorialspoint.com/jquery/traversal-siblings.htm) | Get a set of elements containing all of the unique siblings of each of the matched set of elements. |

JQuery CSS Methods:

Following table lists down all the methods which you can use to play with CSS properties:

|  |  |
| --- | --- |
| **Method** | **Description** |
| [css( name )](http://www.tutorialspoint.com/jquery/css-name.htm) | Return a style property on the first matched element. |
| [css( name, value )](http://www.tutorialspoint.com/jquery/css-name-value.htm) | Set a single style property to a value on all matched elements. |
| [css( properties )](http://www.tutorialspoint.com/jquery/css-properties.htm) | Set a key/value object as style properties to all matched elements. |
| [height( val )](http://www.tutorialspoint.com/jquery/css-height-val.htm) | Set the CSS height of every matched element. |
| [height( )](http://www.tutorialspoint.com/jquery/css-height.htm) | Get the current computed, pixel, height of the first matched element. |
| [innerHeight( )](http://www.tutorialspoint.com/jquery/css-innerheight.htm) | Gets the inner height (excludes the border and includes the padding) for the first matched element. |
| [innerWidth( )](http://www.tutorialspoint.com/jquery/css-innerwidth.htm) | Gets the inner width (excludes the border and includes the padding) for the first matched element. |
| [offset( )](http://www.tutorialspoint.com/jquery/css-offset.htm) | Get the current offset of the first matched element, in pixels, relative to the document |
| [offsetParent( )](http://www.tutorialspoint.com/jquery/css-offsetparent.htm) | Returns a jQuery collection with the positioned parent of the first matched element. |
| [outerHeight( [margin] )](http://www.tutorialspoint.com/jquery/css-outerheight.htm) | Gets the outer height (includes the border and padding by default) for the first matched element. |
| [outerWidth( [margin] )](http://www.tutorialspoint.com/jquery/css-outerwidth.htm) | Get the outer width (includes the border and padding by default) for the first matched element. |
| [position( )](http://www.tutorialspoint.com/jquery/css-position.htm) | Gets the top and left position of an element relative to its offset parent. |
| [scrollLeft( val )](http://www.tutorialspoint.com/jquery/css-scrollleft-val.htm) | When a value is passed in, the scroll left offset is set to that value on all matched elements. |
| [scrollLeft( )](http://www.tutorialspoint.com/jquery/css-scrollleft.htm) | Gets the scroll left offset of the first matched element. |
| [scrollTop( val )](http://www.tutorialspoint.com/jquery/css-scrolltop-val.htm) | When a value is passed in, the scroll top offset is set to that value on all matched elements. |
| [scrollTop( )](http://www.tutorialspoint.com/jquery/css-scrolltop.htm) | Gets the scroll top offset of the first matched element. |
| [width( val )](http://www.tutorialspoint.com/jquery/css-width-val.htm) | Set the CSS width of every matched element. |
| [width( )](http://www.tutorialspoint.com/jquery/css-width.htm) | Get the current computed, pixel, width of the first matched element. |

DOM Manipulation Methods:

Following table lists down all the methods which you can use to manipulate DOM elements:

|  |  |
| --- | --- |
| **Method** | **Description** |
| [after( content )](http://www.tutorialspoint.com/jquery/dom-after.htm) | Insert content after each of the matched elements. |
| [append( content )](http://www.tutorialspoint.com/jquery/dom-append.htm) | Append content to the inside of every matched element. |
| [appendTo( selector )](http://www.tutorialspoint.com/jquery/dom-appendto.htm) | Append all of the matched elements to another, specified, set of elements. |
| [before( content )](http://www.tutorialspoint.com/jquery/dom-before.htm) | Insert content before each of the matched elements. |
| [clone( bool )](http://www.tutorialspoint.com/jquery/dom-clone-bool.htm) | Clone matched DOM Elements, and all their event handlers, and select the clones. |
| [clone( )](http://www.tutorialspoint.com/jquery/dom-clone.htm) | Clone matched DOM Elements and select the clones. |
| [empty( )](http://www.tutorialspoint.com/jquery/dom-empty.htm) | Remove all child nodes from the set of matched elements. |
| [html( val )](http://www.tutorialspoint.com/jquery/dom-html-val.htm) | Set the html contents of every matched element. |
| [html( )](http://www.tutorialspoint.com/jquery/dom-html.htm) | Get the html contents (innerHTML) of the first matched element. |
| [insertAfter( selector )](http://www.tutorialspoint.com/jquery/dom-insertafter.htm) | Insert all of the matched elements after another, specified, set of elements. |
| [insertBefore( selector )](http://www.tutorialspoint.com/jquery/dom-insertbefore.htm) | Insert all of the matched elements before another, specified, set of elements. |
| [prepend( content )](http://www.tutorialspoint.com/jquery/dom-prepend.htm) | Prepend content to the inside of every matched element. |
| [prependTo( selector )](http://www.tutorialspoint.com/jquery/dom-prependto.htm) | Prepend all of the matched elements to another, specified, set of elements. |
| [remove( expr )](http://www.tutorialspoint.com/jquery/dom-remove-expr.htm) | Removes all matched elements from the DOM. |
| [replaceAll( selector )](http://www.tutorialspoint.com/jquery/dom-replaceall.htm) | Replaces the elements matched by the specified selector with the matched elements. |
| [replaceWith( content )](http://www.tutorialspoint.com/jquery/dom-replacewith.htm) | Replaces all matched elements with the specified HTML or DOM elements. |
| [text( val )](http://www.tutorialspoint.com/jquery/dom-text-val.htm) | Set the text contents of all matched elements. |
| [text( )](http://www.tutorialspoint.com/jquery/dom-text.htm) | Get the combined text contents of all matched elements. |
| [wrap( elem )](http://www.tutorialspoint.com/jquery/dom-wrap-elem.htm) | Wrap each matched element with the specified element. |
| [wrap( html )](http://www.tutorialspoint.com/jquery/dom-wrap-html.htm) | Wrap each matched element with the specified HTML content. |
| [wrapAll( elem )](http://www.tutorialspoint.com/jquery/dom-wrapall-elem.htm) | Wrap all the elements in the matched set into a single wrapper element. |
| [wrapAll( html )](http://www.tutorialspoint.com/jquery/dom-wrapall-html.htm) | Wrap all the elements in the matched set into a single wrapper element. |
| [wrapInner( elem )](http://www.tutorialspoint.com/jquery/dom-wrapinner-elem.htm) | Wrap the inner child contents of each matched element (including text nodes) with a DOM element. |
| [wrapInner( html )](http://www.tutorialspoint.com/jquery/dom-wrapinner-html.htm) | Wrap the inner child contents of each matched element (including text nodes) with an HTML structure. |

Event Types:

The following are cross platform and recommended event types which you can bind using JQuery:

|  |  |
| --- | --- |
| **Event Type** | **Description** |
| blur | Occurs when the element loses focus |
| change | Occurs when the element changes |
| click | Occurs when a mouse click |
| dblclick | Occurs when a mouse double-click |
| error | Occurs when there is an error in loading or unloading etc. |
| focus | Occurs when the element gets focus |
| keydown | Occurs when key is pressed |
| keypress | Occurs when key is pressed and released |
| keyup | Occurs when key is released |
| load | Occurs when document is loaded |
| mousedown | Occurs when mouse button is pressed |
| mouseenter | Occurs when mouse enters in an element region |
| mouseleave | Occurs when mouse leaves an element region |
| mousemove | Occurs when mouse pointer moves |
| mouseout | Occurs when mouse pointer moves out of an element |
| mouseover | Occurs when mouse pointer moves over an element |
| mouseup | Occurs when mouse button is released |
| resize | Occurs when window is resized |
| scroll | Occurs when window is scrolled |
| select | Occurs when a text is selected |
| submit | Occurs when form is submitted |
| unload | Occurs when documents is unloaded |

# The Event Object:

The callback function takes a single parameter; when the handler is called the JavaScript event object will be passed through it.

The event object is often unneccessary and the parameter is omitted, as sufficient context is usually available when the handler is bound to know exactly what needs to be done when the handler is triggered, however there are certail attributes which you would need to be accessed.

## The Event Attributes:

The following event properties/attributes are available and safe to access in a platform independent manner:

|  |  |
| --- | --- |
| **Property** | **Description** |
| altKey | Set to true if the Alt key was pressed when the event was triggered, false if not. The Alt key is labeled Option on most Mac keyboards. |
| ctrlKey | Set to true if the Ctrl key was pressed when the event was triggered, false if not. |
| data | The value, if any, passed as the second parameter to the bind() command when the handler was established. |
| keyCode | For keyup and keydown events, this returns the key that was pressed. |
| metaKey | Set to true if the Meta key was pressed when the event was triggered, false if not. The Meta key is the Ctrl key on PCs and the Command key on Macs. |
| pageX | For mouse events, specifies the horizontal coordinate of the event relative from the page origin. |
| pageY | For mouse events, specifies the vertical coordinate of the event relative from the page origin. |
| relatedTarget | For some mouse events, identifies the element that the cursor left or entered when the event was triggered. |
| screenX | For mouse events, specifies the horizontal coordinate of the event relative from the screen origin. |
| screenY | For mouse events, specifies the vertical coordinate of the event relative from the screen origin. |
| shiftKey | Set to true if the Shift key was pressed when the event was triggered, false if not. |
| target | Identifies the element for which the event was triggered. |
| timeStamp | The timestamp (in milliseconds) when the event was created. |
| type | For all events, specifies the type of event that was triggered (for example, click). |
| which | For keyboard events, specifies the numeric code for the key that caused the event, and for mouse events, specifies which button was pressed (1 for left, 2 for middle, 3 for right) |

## The Event Methods:

There is a list of methods which can be called on an Event Object:

|  |  |
| --- | --- |
| **Method** | **Description** |
| [preventDefault()](http://www.tutorialspoint.com/jquery/event-preventdefault.htm) | Prevents the browser from executing the default action. |
| [isDefaultPrevented()](http://www.tutorialspoint.com/jquery/event-isdefaultprevented.htm) | Returns whether event.preventDefault() was ever called on this event object. |
| [stopPropagation()](http://www.tutorialspoint.com/jquery/event-stoppropagation.htm) | Stops the bubbling of an event to parent elements, preventing any parent handlers from being notified of the event. |
| [isPropagationStopped()](http://www.tutorialspoint.com/jquery/event-ispropagationstopped.htm) | Returns whether event.stopPropagation() was ever called on this event object. |
| [stopImmediatePropagation()](http://www.tutorialspoint.com/jquery/event-stopimmediatepropagation.htm) | Stops the rest of the handlers from being executed. |
| [isImmediatePropagationStopped()](http://www.tutorialspoint.com/jquery/event-isimmediatepropagationstopped.htm) | Returns whether event.stopImmediatePropagation() was ever called on this event object. |

# Event Manipulation Methods:

Following table lists down important event-related methods:

|  |  |
| --- | --- |
| **Method** | **Description** |
| [bind( type, [data], fn )](http://www.tutorialspoint.com/jquery/events-bind.htm) | Binds a handler to one or more events (like click) for each matched element. Can also bind custom events. |
| [die( type, fn )](http://www.tutorialspoint.com/jquery/events-die.htm) | This does the opposite of live, it removes a bound live event. |
| [hover( over, out )](http://www.tutorialspoint.com/jquery/events-hover.htm) | Simulates hovering for example moving the mouse on, and off, an object. |
| [live( type, fn )](http://www.tutorialspoint.com/jquery/events-live.htm) | Binds a handler to an event (like click) for all current - and future - matched element. Can also bind custom events. |
| [one( type, [data], fn )](http://www.tutorialspoint.com/jquery/events-one.htm) | Binds a handler to one or more events to be executed once for each matched element. |
| [ready( fn )](http://www.tutorialspoint.com/jquery/events-ready.htm) | Binds a function to be executed whenever the DOM is ready to be traversed and manipulated. |
| [toggle( fn, fn2, fn3,... )](http://www.tutorialspoint.com/jquery/events-toggle.htm) | Toggle among two or more function calls every other click. |
| [trigger( event, [data] )](http://www.tutorialspoint.com/jquery/events-trigger.htm) | Trigger an event on every matched element. |
| [triggerHandler( event, [data] )](http://www.tutorialspoint.com/jquery/events-triggerhandler.htm) | Triggers all bound event handlers on an element . |
| [unbind( [type], [fn] )](http://www.tutorialspoint.com/jquery/events-unbind.htm) | This does the opposite of bind, it remove |

## Binding Methods:

Here is a complete list of all the support methods provided by jQuery:

|  |  |
| --- | --- |
| **Method** | **Description** |
| **blur( )** | Triggers the blur event of each matched element. |
| **blur( fn )** | Bind a function to the blur event of each matched element. |
| **change( )** | Triggers the change event of each matched element. |
| **change( fn )** | Binds a function to the change event of each matched element. |
| **click( )** | Triggers the click event of each matched element. |
| **click( fn )** | Binds a function to the click event of each matched element. |
| **dblclick( )** | Triggers the dblclick event of each matched element. |
| **dblclick( fn )** | Binds a function to the dblclick event of each matched element. |
| **error( )** | Triggers the error event of each matched element. |
| **error( fn )** | Binds a function to the error event of each matched element. |
| **focus( )** | Triggers the focus event of each matched element. |
| **focus( fn )** | Binds a function to the focus event of each matched element. |
| **keydown( )** | Triggers the keydown event of each matched element. |
| **keydown( fn )** | Bind a function to the keydown event of each matched element. |
| **keypress( )** | Triggers the keypress event of each matched element. |
| **keypress( fn )** | Binds a function to the keypress event of each matched element. |
| **keyup( )** | Triggers the keyup event of each matched element. |
| **keyup( fn )** | Bind a function to the keyup event of each matched element. |
| **load( fn )** | Binds a function to the load event of each matched element. |
| **mousedown( fn )** | Binds a function to the mousedown event of each matched element. |
| **mouseenter( fn )** | Bind a function to the mouseenter event of each matched element. |
| **mouseleave( fn )** | Bind a function to the mouseleave event of each matched element. |
| **mousemove( fn )** | Bind a function to the mousemove event of each matched element. |
| **mouseout( fn )** | Bind a function to the mouseout event of each matched element. |
| **mouseover( fn )** | Bind a function to the mouseover event of each matched element. |
| **mouseup( fn )** | Bind a function to the mouseup event of each matched element. |
| **resize( fn )** | Bind a function to the resize event of each matched element. |
| **scroll( fn )** | Bind a function to the scroll event of each matched element. |
| **select( )** | Trigger the select event of each matched element. |
| **select( fn )** | Bind a function to the select event of each matched element. |
| **submit( )** | Trigger the submit event of each matched element. |
| **submit( fn )** | Bind a function to the submit event of each matched element. |
| **unload( fn )** | Binds a function to the unload event of each matched element. |

JQuery AJAX Methods:

You have seen basic concept of AJAX using JQuery. Following table lists down all important JQuery AJAX methods which you can use based your programming need:

|  |
| --- |
| **Methods and Description** |
| [jQuery.ajax( options )](http://www.tutorialspoint.com/jquery/ajax-jquery-ajax.htm) Load a remote page using an HTTP request. |
| [jQuery.ajaxSetup( options )](http://www.tutorialspoint.com/jquery/ajax-jquery-ajaxsetup.htm) Setup global settings for AJAX requests. |
| [jQuery.get( url, [data], [callback], [type] )](http://www.tutorialspoint.com/jquery/ajax-jquery-get.htm) Load a remote page using an HTTP GET request. |
| [jQuery.getJSON( url, [data], [callback] )](http://www.tutorialspoint.com/jquery/ajax-jquery-getjson.htm) Load JSON data using an HTTP GET request. |
| [jQuery.getScript( url, [callback] )](http://www.tutorialspoint.com/jquery/ajax-jquery-getscript.htm) Loads and executes a JavaScript file using an HTTP GET request. |
| [jQuery.post( url, [data], [callback], [type] )](http://www.tutorialspoint.com/jquery/ajax-jquery-post.htm) Load a remote page using an HTTP POST request. |
| [load( url, [data], [callback] )](http://www.tutorialspoint.com/jquery/ajax-load.htm) Load HTML from a remote file and inject it into the DOM. |
| [serialize( )](http://www.tutorialspoint.com/jquery/ajax-serialize.htm) Serializes a set of input elements into a string of data. |
| [serializeArray( )](http://www.tutorialspoint.com/jquery/ajax-serializearray.htm) Serializes all forms and form elements like the .serialize() method but returns a JSON data structure for you to work with. |

JQuery Effect Methods:

You have seen basic concept of jQuery Effects. Following table lists down all the important methods to create different kind of effects:

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| **Methods and Description** |
| [animate( params, [duration, easing, callback] )](http://www.tutorialspoint.com/jquery/effect-animate.htm) A function for making custom animations. |
| [fadeIn( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-fadein.htm) Fade in all matched elements by adjusting their opacity and firing an optional callback after completion. |
| [fadeOut( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-fadeout.htm) Fade out all matched elements by adjusting their opacity to 0, then setting display to "none" and firing an optional callback after completion. |
| [fadeTo( speed, opacity, callback )](http://www.tutorialspoint.com/jquery/effect-fadeto.htm) Fade the opacity of all matched elements to a specified opacity and firing an optional callback after completion. |
| [hide( )](http://www.tutorialspoint.com/jquery/effect-hide.htm) Hides each of the set of matched elements if they are shown. |
| [hide( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-hide-speed.htm) Hide all matched elements using a graceful animation and firing an optional callback after completion. |
| [show( )](http://www.tutorialspoint.com/jquery/effect-show.htm) Displays each of the set of matched elements if they are hidden. |
| [show( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-show-speed.htm) Show all matched elements using a graceful animation and firing an optional callback after completion. |
| [slideDown( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-slidedown.htm) Reveal all matched elements by adjusting their height and firing an optional callback after completion. |
| [slideToggle( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-slidetoggle.htm) Toggle the visibility of all matched elements by adjusting their height and firing an optional callback after completion. |
| [slideUp( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-slideup.htm) Hide all matched elements by adjusting their height and firing an optional callback after completion. |
| [stop( [clearQueue, gotoEnd ])](http://www.tutorialspoint.com/jquery/effect-stop.htm) Stops all the currently running animations on all the specified elements. |
| [toggle( )](http://www.tutorialspoint.com/jquery/effect-toggle.htm) Toggle displaying each of the set of matched elements. |
| [toggle( speed, [callback] )](http://www.tutorialspoint.com/jquery/effect-toggle-speed.htm) Toggle displaying each of the set of matched elements using a graceful animation and firing an optional callback after completion. |
| [toggle( switch )](http://www.tutorialspoint.com/jquery/effect-toggle-switch.htm) Toggle displaying each of the set of matched elements based upon the switch (true shows all elements, false hides all elements). |
| [jQuery.fx.off](http://www.tutorialspoint.com/jquery/effect-jquery-fx.htm) Globally disable all animations. |

UI Library Based Effects:

To use these effects you would have to download jQuery UI Library **jquery-ui-1.7.2.custom.min.js** or latest version of this UI library from [jQuery UI Library](http://jqueryui.com/download).

After extracting jquery-ui-1.7.2.custom.min.js file from the download, you would include this file in similar way as you include core jQuery Library file.

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| **Methods and Description** |
| [Blind](http://www.tutorialspoint.com/jquery/effect-blind.htm) Blinds the element away or shows it by blinding it in. |
| [Bounce](http://www.tutorialspoint.com/jquery/effect-bounce.htm) Bounces the element vertically or horizontally n-times. |
| [Clip](http://www.tutorialspoint.com/jquery/effect-clip.htm) Clips the element on or off, vertically or horizontally. |
| [Drop](http://www.tutorialspoint.com/jquery/effect-drop.htm) Drops the element away or shows it by dropping it in. |
| [Explode](http://www.tutorialspoint.com/jquery/effect-explode.htm) Explodes the element into multiple pieces. |
| [Fold](http://www.tutorialspoint.com/jquery/effect-fold.htm) Folds the element like a piece of paper. |
| [Highlight](http://www.tutorialspoint.com/jquery/effect-highlight.htm) Highlights the background with a defined color. |
| [Puff](http://www.tutorialspoint.com/jquery/effect-puff.htm) Scale and fade out animations create the puff effect. |
| [Pulsate](http://www.tutorialspoint.com/jquery/effect-pulsate.htm) Pulsates the opacity of the element multiple times. |
| [Scale](http://www.tutorialspoint.com/jquery/effect-scale.htm) Shrink or grow an element by a percentage factor. |
| [Shake](http://www.tutorialspoint.com/jquery/effect-shake.htm) Shakes the element vertically or horizontally n-times. |
| [Size](http://www.tutorialspoint.com/jquery/effect-size.htm) Resize an element to a specified width and height. |
| [Slide](http://www.tutorialspoint.com/jquery/effect-slide.htm) Slides the element out of the viewport. |
| [Transfer](http://www.tutorialspoint.com/jquery/effect-transfer.htm) Transfers the outline of an element to another. |