**click()**

The click() method attaches an event handler function to an HTML element.

The function is executed when the user clicks on the HTML element.

The following example says: When a click event fires on a <p> element; hide the current <p> element:

Example

$("p").click(function(){  
  $(this).hide();  
});

**dblclick()**

The dblclick() method attaches an event handler function to an HTML element.

The function is executed when the user double-clicks on the HTML element:

Example

$("p").dblclick(function(){  
  $(this).hide();  
});

**mouseenter()**

The mouseenter() method attaches an event handler function to an HTML element.

The function is executed when the mouse pointer enters the HTML element:

Example

$("#p1").mouseenter(function(){  
  alert("You entered p1!");  
});

**mouseleave()**

The mouseleave() method attaches an event handler function to an HTML element.

The function is executed when the mouse pointer leaves the HTML element:

Example

$("#p1").mouseleave(function(){  
  alert("Bye! You now leave p1!");  
});

**mousedown()**

The mousedown() method attaches an event handler function to an HTML element.

The function is executed, when the left mouse button is pressed down, while the mouse is over the HTML element:

Example

$("#p1").mousedown(function(){  
  alert("Mouse down over p1!");  
});

**mouseup()**

The mouseup() method attaches an event handler function to an HTML element.

The function is executed, when the left mouse button is released, while the mouse is over the HTML element:

Example

$("#p1").mouseup(function(){  
  alert("Mouse up over p1!");  
});

**hover()**

The hover() method takes two functions and is a combination of the mouseenter() and mouseleave() methods.

The first function is executed when the mouse enters the HTML element, and the second function is executed when the mouse leaves the HTML element:

Example

$("#p1").hover(function(){  
  alert("You entered p1!");  
  },  
  function(){  
  alert("Bye! You now leave p1!");  
});

**focus()**

The focus() method attaches an event handler function to an HTML form field.

The function is executed when the form field gets focus:

Example

$("input").focus(function(){  
  $(this).css("background-color","#cccccc");  
});

**blur()**

The blur() method attaches an event handler function to an HTML form field.

The function is executed when the form field loses focus:

Example

$("input").blur(function(){  
  $(this).css("background-color","#ffffff");  
});

**hide()/show()**

$("#hide").click(function(){  
  $("p").hide();  
});  
  
$("#show").click(function(){  
  $("p").show();  
});

The optional speed parameter specifies the speed of the hiding/showing, and can take the following values: "slow", "fast", or milliseconds.

The optional callback parameter is a function to be executed after the hide() or show() method completes (you will learn more about callback functions in a later chapter).

The following example demonstrates the speed parameter with hide():

Example

$("button").click(function(){  
  $("p").hide(1000);  
});

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|  |  |
| --- | --- |
| **Method** | **Description** |
| [bind()](http://www.w3schools.com/jquery/event_bind.asp) | Attaches event handlers to elements |
| [blur()](http://www.w3schools.com/jquery/event_blur.asp) | Attaches/Triggers the blur event |
| [change()](http://www.w3schools.com/jquery/event_change.asp) | Attaches/Triggers the change event |
| [click()](http://www.w3schools.com/jquery/event_click.asp) | Attaches/Triggers the click event |
| [dblclick()](http://www.w3schools.com/jquery/event_dblclick.asp) | Attaches/Triggers the double click event |
| [delegate()](http://www.w3schools.com/jquery/event_delegate.asp) | Attaches a handler to current, or future, specified child elements of the matching elements |
| [die()](http://www.w3schools.com/jquery/event_die.asp) | Removed in version 1.9. Removes all event handlers added with the live() method |
| [error()](http://www.w3schools.com/jquery/event_error.asp) | Deprecated in version 1.8. Attaches/Triggers the error event |
| [event.currentTarget](http://www.w3schools.com/jquery/event_currenttarget.asp) | The current DOM element within the event bubbling phase |
| [event.data](http://www.w3schools.com/jquery/event_data.asp) | Contains the optional data passed to an event method when the current executing handler is bound |
| [event.delegateTarget](http://www.w3schools.com/jquery/event_delegatetarget.asp) | Returns the element where the currently-called jQuery event handler was attached |
| [event.isDefaultPrevented()](http://www.w3schools.com/jquery/event_isdefaultprevented.asp) | Returns whether event.preventDefault() was called for the event object |
| [event.isImmediatePropagationStopped()](http://www.w3schools.com/jquery/event_isimmediatepropagationstopped.asp) | Returns whether event.stopImmediatePropagation() was called for the event object |
| [event.isPropagationStopped()](http://www.w3schools.com/jquery/event_ispropagationstopped.asp) | Returns whether event.stopPropagation() was called for the event object |
| [event.namespace](http://www.w3schools.com/jquery/event_namespace.asp) | Returns the namespace specified when the event was triggered |
| [event.pageX](http://www.w3schools.com/jquery/event_pagex.asp) | Returns the mouse position relative to the left edge of the document |
| [event.pageY](http://www.w3schools.com/jquery/event_pagey.asp) | Returns the mouse position relative to the top edge of the document |
| [event.preventDefault()](http://www.w3schools.com/jquery/event_preventdefault.asp) | Prevents the default action of the event |
| [event.relatedTarget](http://www.w3schools.com/jquery/event_relatedtarget.asp) | Returns which element being entered or exited on mouse movement. |
| [event.result](http://www.w3schools.com/jquery/event_result.asp) | Contains the last/previous value returned by an event handler triggered by the specified event |
| [event.stopImmediatePropagation()](http://www.w3schools.com/jquery/event_stopimmediatepropagation.asp) | Prevents other event handlers from being called |
| [event.stopPropagation()](http://www.w3schools.com/jquery/event_stoppropagation.asp) | Prevents the event from bubbling up the DOM tree, preventing any parent handlers from being notified of the event |
| [event.target](http://www.w3schools.com/jquery/event_target.asp) | Returns which DOM element triggered the event |
| [event.timeStamp](http://www.w3schools.com/jquery/event_timestamp.asp) | Returns the number of milliseconds since January 1, 1970, when the event is triggered |
| [event.type](http://www.w3schools.com/jquery/event_type.asp) | Returns which event type was triggered |
| [event.which](http://www.w3schools.com/jquery/event_which.asp) | Returns which keyboard key or mouse button was pressed for the event |
| [focus()](http://www.w3schools.com/jquery/event_focus.asp) | Attaches/Triggers the focus event |
| [focusin()](http://www.w3schools.com/jquery/event_focusin.asp) | Attaches an event handler to the focusin event |
| [focusout()](http://www.w3schools.com/jquery/event_focusout.asp) | Attaches an event handler to the focusout event |
| [hover()](http://www.w3schools.com/jquery/event_hover.asp) | Attaches two event handlers to the hover event |
| [keydown()](http://www.w3schools.com/jquery/event_keydown.asp) | Attaches/Triggers the keydown event |
| [keypress()](http://www.w3schools.com/jquery/event_keypress.asp) | Attaches/Triggers the keypress event |
| [keyup()](http://www.w3schools.com/jquery/event_keyup.asp) | Attaches/Triggers the keyup event |
| [live()](http://www.w3schools.com/jquery/event_live.asp) | Removed in version 1.9. Adds one or more event handlers to current, or future, selected elements |
| [load()](http://www.w3schools.com/jquery/event_load.asp) | Deprecated in version 1.8. Attaches an event handler to the load event |
| [mousedown()](http://www.w3schools.com/jquery/event_mousedown.asp) | Attaches/Triggers the mousedown event |
| [mouseenter()](http://www.w3schools.com/jquery/event_mouseenter.asp) | Attaches/Triggers the mouseenter event |
| [mouseleave()](http://www.w3schools.com/jquery/event_mouseleave.asp) | Attaches/Triggers the mouseleave event |
| [mousemove()](http://www.w3schools.com/jquery/event_mousemove.asp) | Attaches/Triggers the mousemove event |
| [mouseout()](http://www.w3schools.com/jquery/event_mouseout.asp) | Attaches/Triggers the mouseout event |
| [mouseover()](http://www.w3schools.com/jquery/event_mouseover.asp) | Attaches/Triggers the mouseover event |
| [mouseup()](http://www.w3schools.com/jquery/event_mouseup.asp) | Attaches/Triggers the mouseup event |
| [off()](http://www.w3schools.com/jquery/event_off.asp) | Removes event handlers attached with the on() method |
| [on()](http://www.w3schools.com/jquery/event_on.asp) | Attaches event handlers to elements |
| [one()](http://www.w3schools.com/jquery/event_one.asp) | Adds one or more event handlers to selected elements. This handler can only be triggered once per element |
| [$.proxy()](http://www.w3schools.com/jquery/event_proxy.asp) | Takes an existing function and returns a new one with a particular context |
| [ready()](http://www.w3schools.com/jquery/event_ready.asp) | Specifies a function to execute when the DOM is fully loaded |
| [resize()](http://www.w3schools.com/jquery/event_resize.asp) | Attaches/Triggers the resize event |
| [scroll()](http://www.w3schools.com/jquery/event_scroll.asp) | Attaches/Triggers the scroll event |
| [select()](http://www.w3schools.com/jquery/event_select.asp) | Attaches/Triggers the select event |
| [submit()](http://www.w3schools.com/jquery/event_submit.asp) | Attaches/Triggers the submit event |
| [toggle()](http://www.w3schools.com/jquery/event_toggle.asp) | Removed in version 1.9. Attaches two or more functions to toggle between for the click event |
| [trigger()](http://www.w3schools.com/jquery/event_trigger.asp) | Triggers all events bound to the selected elements |
| [triggerHandler()](http://www.w3schools.com/jquery/event_triggerhandler.asp) | Triggers all functions bound to a specified event for the selected elements |
| [unbind()](http://www.w3schools.com/jquery/event_unbind.asp) | Removes an added event handler from selected elements |
| [undelegate()](http://www.w3schools.com/jquery/event_undelegate.asp) | Removes an event handler to selected elements, now or in the future |
| [unload()](http://www.w3schools.com/jquery/event_unload.asp) | Deprecated in version 1.8. Attaches an event handler to the unload event |