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.add() Add elements to the set of matched elements.	Miscellaneous Traversins
.addClass() Adds the specified class(es) to each of the set of matched elements.	Attributes, CSS, Class Attribute
.after() Insert content, specified by the parameter, after each element in the set of matched elements.	DOM Insertion, Outside
jQuery.ajax() Perform an asynchronous HTTP (Ajax) request.	Low-Level Interface
.ajaxComplete() Register a handler to be called when Ajax requests complete. This is an Ajax Event.	Global Ajax Event Handler
.ajaxError() Register a handler to be called when Ajax requests complete with an error. This is an Ajax Event.	Global Ajax Event Handler:
.ajaxSend() Show a message before an Ajax request is sent.	Global Ajax Event Handler:
jQuery.ajaxSetup() Set default values for future Ajax requests.	Low-Level Interface
.ajaxStart() Register a handler to be called when the first Ajax request begins. This is an <u>Ajax Event</u> .	Global Ajax Event Handler
.ajaxStop() Hide a loading message after all the Ajax requests have stopped.	Global Ajax Event Handler
.ajaxSuccess() Show a message when an Ajax request completes successfully.	Global Ajax Event Handler
All Selector ("*") Selects all elements.	<u>Basic</u>
.andSelf() Add the previous set of elements on the stack to the current set.	Miscellaneous Traversins
.animate() Perform a custom animation of a set of CSS properties.	Custom
:animated Selector Select all elements that are in the progress of an animation at the time the selector is run.	<u>Basic Filter</u>
.append() Insert content, specified by the parameter, to the end of each element in the set of matched elements.	DOM Insertion, Inside

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DOM Insertion, Inside .appendTo() Insert every element in the set of matched elements to the end of the target. Attributes, General Attributes .attr() Get the value of an attribute for the first element in the set of matched elements. Attribute Attribute Contains Prefix Selector [name|=value] Selects elements that have the specified attribute with a value either equal to a given string or starting with that string followed by a hyphen (-). <u>Attribute</u> Attribute Contains Selector [name*=value] Selects elements that have the specified attribute with a value containing the a given substring. Attribute Contains Word Selector [name~=value] Attribute Selects elements that have the specified attribute with a value containing a given word, delimited by spaces. **Attribute** Attribute Ends With Selector [name\$=value] Selects elements that have the specified attribute with a value ending exactly with a given string. Attribute Attribute Equals Selector [name=value] Selects elements that have the specified attribute with a value exactly equal to a certain value. <u>Attribute</u> Attribute Not Equal Selector [name!=value] Select elements that either don't have the specified attribute, or do have the specified attribute but not with a certain value. <u>Attribute</u> Attribute Starts With Selector [name^=value] Selects elements that have the specified attribute with a value beginning exactly with a given string. DOM Insertion, Outside .before() Insert content, specified by the parameter, before each element in the set of matched elements. Event Handler Attachment .bind() Attach a handler to an event for the elements. Form Events, Forms .blur() Bind an event handler to the "blur" JavaScript event, or trigger that event on an element. **Utilities** jQuery.boxModel Deprecated in jQuery 1.3 (see jQuery.support). States if the current page, in the user's browser, is being rendered using the W3C CSS Box Model. Properties of the Global jQuery Object, Utilities jQuery.browser We recommend against using this property, please try to use feature detection instead (see jQuery.support). Contains flags for the useragent, read from navigator userAgent. While jQuery browser will not be removed from future versions of jQuery, every effort to use jQuery support and proper feature detection should be made. Form :button Selector Selects all button elements and elements of type button. Form Events, Forms .change() Bind an event handler to the "change" JavaScript event, or trigger that event on an element. :checkbox Selector **Form** Selects all elements of type checkbox.

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Matches all elements that are checked.	
Child Selector ("parent > child") Selects all direct child elements specified by "child" of elements specified by "parent".	<u>Hierarch</u>
.children() Get the children of each element in the set of matched elements, optionally filtered by a selector.	Tree Traversa
Class Selector (".class") Selects all elements with the given class.	<u>Basi</u>
clearQueue() Remove from the queue all items that have not yet been run.	<u>Custom, Data, Utilitie</u>
.click() Bind an event handler to the "click" JavaScript event, or trigger that event on an element.	Mouse Event
clone() Create a copy of the set of matched elements.	Copvin
.closest() Get the first element that matches the selector, beginning at the current element and progressing up throu	Tree Traversagh the DOM tree.
jQuery.contains() Check to see if a DOM node is within another DOM node.	<u>Utilitie</u>
ccontains() Selector Select all elements that contain the specified text.	Content Filte
.contents() Get the children of each element in the set of matched elements, including text nodes.	Miscellaneous Traversin
Context The DOM node context originally passed to jQuery(); if none was passed then context will likely be the docu	uthoring, Properties of jQuery Object Instance ment.
CCSS() Get the value of a style property for the first element in the set of matched elements.	CSS, Style Propertie
.data() Store arbitrary data associated with the matched elements.	<u>Data Storago</u>
iQuery.data() Store arbitrary data associated with the specified element.	<u>Data, Utilitie</u>
.dblclick() Bind an event handler to the "dblclick" JavaScript event, or trigger that event on an element.	Mouse Event
.delay() Set a timer to delay execution of subsequent items in the queue.	Custon
.dequeue()	

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Custom, Data, Utilities Data, Utilities jQuery.dequeue() Execute the next function on the queue for the matched elements. Descendant Selector ("ancestor descendant") Hierarchy Selects all elements that are descendants of a given ancestor. **DOM Removal** .detach() Remove the set of matched elements from the DOM. **Event Handler Attachment** Remove an event handler previously attached using .live() from the elements. Form :disabled Selector Selects all elements that are disabled. **Utilities** jQuery.each() Iterates through the array displaying each number as both a word and numeral Collection Manipulation Iterate over a jQuery object, executing a function for each matched element. **Basic** Element Selector ("element") Selects all elements with the given tag name. **DOM Removal** .empty() Remove all child nodes of the set of matched elements from the DOM. Content Filter :empty Selector Select all elements that have no children (including text nodes). Form :enabled Selector Selects all elements that are enabled. Miscellaneous Traversing .end() End the most recent filtering operation in the current chain and return the set of matched elements to its previous state. **Filtering** Reduce the set of matched elements to the one at the specified index. Basic Filter :eq() Selector Select the element at index n within the matched set. **Browser Events** .error() Bind an event handler to the "error" JavaScript event. Basic Filter :even Selector Selects even elements, zero-indexed. See also odd. **Event Object** event.currentTarget The current DOM element within the event bubbling phase.

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event.data Contains the optional data passed to jQuery.fn.bind when the current executing handler was bound.	Event Objec
event.isDefaultPrevented() Returns whether event.preventDefault() was ever called on this event object.	Event Object
event.isImmediatePropagationStopped() Returns whether event.stopImmediatePropagation() was ever called on this event object.	Event Object
event.isPropagationStopped() Returns whether event.stopPropagation() was ever called on this event object.	Event Object
event.pageX The mouse position relative to the left edge of the document.	Event Object
event.pageY The mouse position relative to the top edge of the document.	Event Object
event.preventDefault If this method is called, the default action of the event will not be triggered.	Event Objec
event.relatedTarget The other DOM element involved in the event, if any.	Event Objec
event.result This attribute contains the last value returned by an event handler that was triggered by this event, unless the value was undefined.	Event Objec
event.stopImmediatePropagation() Prevents other event handlers from being called.	Event Object
event.stopPropagation() This method prevents the event from bubbling up the DOM tree, preventing any parent handlers from being notified of the event.	Event Object
event.target The DOM element that initiated the event.	Event Object
event.timeStamp This attribute returns the number of milliseconds since January 1, 1970, when the event is triggered.	Event Object
event.type Describes the nature of the event.	Event Object
event.which For key or button events, this attribute indicates the specific button or key that was pressed.	Event Object
jQuery.extend() Merge the contents of two or more objects together into the first object.	<u>Utilitie</u>
sfadeIn() Display the matched elements by fading them to opaque.	<u>Fadins</u>
.fadeOut()	

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fodoTo()	Fadin
.fadeTo() Adjust the opacity of the matched elements.	
:file Selector Selects all elements of type file.	Forn
.filter() Reduce the set of matched elements to those that match the selector or pass the function's test.	Filtering
.find() Get the descendants of each element in the current set of matched elements, filtered by a selector.	<u>Tree Traversa</u>
.first() Reduce the set of matched elements to the first in the set.	<u>Filterin</u> ,
:first-child Selector Selects all elements that are the first child of their parent.	<u>Child Filte</u>
ifirst Selector Selects the first matched element.	<u>Basic Filte</u>
.focus() Bind an event handler to the "focus" JavaScript event, or trigger that event on an element.	Form Events, Form
.focusin() Bind an event handler to the "focusin" JavaScript event.	Keyboard Events, Mouse Event
.focusout() Bind an event handler to the "focusout" JavaScript event.	Keyboard Events, Mouse Event
jQuery.fx.off Globally disable all animations.	Custom, Properties of the Global jQuery Object
jQuery.get() Load data from the server using a HTTP GET request.	Shorthand Method
.get() Retrieve the DOM elements matched by the jQuery object.	DOM Element Method
jQuery.getJSON() Load JSON-encoded data from the server using a GET HTTP request.	Shorthand Method
jQuery.getScript() Load a JavaScript file from the server using a GET HTTP request, then execute it.	Shorthand Method
jQuery.globalEval() Execute some JavaScript code globally.	<u>Utilitie</u>
jQuery.grep()	<u>Utilitie</u>

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:gt() Selector Select all elements at an index greater than index within the matched set.	<u>Basic Filter</u>
.has() Reduce the set of matched elements to those that have a descendant that matches the selector or DOM element.	Filtering
Has Attribute Selector [name] Selects elements that have the specified attribute, with any value.	Attribute
:has() Selector Selects elements which contain at least one element that matches the specified selector.	Content Filter
.hasClass() Determine whether any of the matched elements are assigned the given class.	Attributes, CSS, Class Attributes
:header Selector Selects all elements that are headers, like h1, h2, h3 and so on.	Basic Filter
.height() Get the current computed height for the first element in the set of matched elements.	CSS, Dimensions, Style Properties
:hidden Selector Selects all elements that are hidden.	<u>Visibility Filter</u>
.hide() Hide the matched elements.	<u>Basic</u>
.hover() Bind two handlers to the matched elements, to be executed when the mouse pointer enters and leaves the elements.	Mouse Events
.html() Get the HTML contents of the first element in the set of matched elements.	Attributes, DOM Insertion
ID Selector ("#id") Selects a single element with the given id attribute.	<u>Basic</u>
:image Selector Selects all elements of type image.	<u>Form</u>
jQuery.inArray() Report the index of some elements in the array.	<u>Utilitie</u> :
.index() Search for a given element from among the matched elements.	DOM Element Methods
.innerHeight() Get the current computed height for the first element in the set of matched elements, including padding but not borde	CSS, <u>Dimensions</u> , <u>Style Properties</u> .
.innerWidth() Get the current computed width for the first element in the set of matched elements, including padding but not border	CSS, <u>Dimensions</u> , <u>Style Properties</u> .
:input Selector	

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Form DOM Insertion, Outside .insertAfter() Insert every element in the set of matched elements after the target. DOM Insertion, Outside .insertBefore() Insert every element in the set of matched elements before the target. **Filtering** Check the current matched set of elements against a selector and return true if at least one of these elements matches the selector. Utilities jQuery.isArray() Determine whether the argument is an array. **Utilities** jQuery.isEmptyObject() Check to see if an object is empty (contains no properties). **Utilities** iQuery.isFunction() Determine if the argument passed is a Javascript function object. **Utilities** jQuery.isPlainObject() Check to see if an object is a plain object (created using "{}" or "new Object"). **Utilities** jQuery.isXMLDoc() Check to see if a DOM node is within an XML document (or is an XML document). Core jQuery() Accepts a string containing a CSS selector which is then used to match a set of elements. **Keyboard Events** Bind an event handler to the "keydown" JavaScript event, or trigger that event on an element. **Keyboard Events** .keypress() Bind an event handler to the "keypress" JavaScript event, or trigger that event on an element. **Keyboard Events** .keyup() Bind an event handler to the "keyup" JavaScript event, or trigger that event on an element. **Filtering** Reduce the set of matched elements to the final one in the set. Child Filter :last-child Selector Selects all elements that are the last child of their parent. Basic Filter :last Selector Selects the last matched element. Properties of jQuery Object Instances .length The number of elements in the jQuery object. Event Handler Attachment .live() $Attach\ a\ handler\ to\ the\ event\ for\ all\ elements\ which\ match\ the\ current\ selector,\ now\ or\ in\ the\ future.$

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.load() Load data from the server and place the returned HTML into the matched element.	Shorthand Methods
.load() Bind an event handler to the "load" JavaScript event.	<u>Document Loading</u>
:lt() Selector Select all elements at an index less than index within the matched set.	<u>Basic Filter</u>
jQuery.makeArray() Convert an array-like object into a true JavaScript array.	<u>Utilities</u>
<pre>.map() Pass each element in the current matched set through a function, producing a new jQuery object containing the return values</pre>	<u>Filtering</u>
jQuery.map() Translate all items in an array or array-like object to another array of items.	<u>Utilities</u>
<pre>jQuery.merge() Merge the contents of two arrays together into the first array.</pre>	<u>Utilities</u>
.mousedown() Bind an event handler to the "mousedown" JavaScript event, or trigger that event on an element.	Mouse Events
<pre>.mouseenter() Bind an event handler to be fired when the mouse enters an element, or trigger that handler on an element.</pre>	Mouse Events
.mouseleave() Bind an event handler to be fired when the mouse leaves an element, or trigger that handler on an element.	Mouse Events
.mousemove() Bind an event handler to the "mousemove" JavaScript event, or trigger that event on an element.	Mouse Events
<pre>.mouseout() Bind an event handler to the "mouseout" JavaScript event, or trigger that event on an element.</pre>	Mouse Events
.mouseover() Bind an event handler to the "mouseover" JavaScript event, or trigger that event on an element.	Mouse Events
<pre>.mouseup() Bind an event handler to the "mouseup" JavaScript event, or trigger that event on an element.</pre>	Mouse Events
Multiple Attribute Selector [name=value][name2=value2] Matches elements that match all of the specified attribute filters.	<u>Attribute</u>
Multiple Selector ("selector1, selector2, selectorN") Selects the combined results of all the specified selectors.	<u>Basic</u>
<pre>.next() Get the immediately following sibling of each element in the set of matched elements, optionally filtered by a selector.</pre>	<u>Tree Traversal</u>
Next Adjacent Selector ("prev + next") Selects all next elements matching "next" that are immediately preceded by a sibling "prev".	

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Hierarchy Hierarchy Next Siblings Selector ("prev ~ siblings") Selects all sibling elements that follow after the "prev" element, have the same parent, and match the filtering "siblings" selector. .nextAll() Tree Traversal Get all following siblings of each element in the set of matched elements, optionally filtered by a selector. Tree Traversal .nextUntil() Get all following siblings of each element up to but not including the element matched by the selector. jQuery.noConflict() Core, Setup Methods Relinquish jQuery's control of the \$ variable. **Utilities** jQuery.noop An empty function. **Filtering** .not() Remove elements from the set of matched elements. Basic Filter :not() Selector Selects all elements that do not match the given selector. Child Filter :nth-child Selector Selects all elements that are the nth-child of their parent. Basic Filter :odd Selector Selects odd elements, zero-indexed. See also even. CSS, Offset, Style Properties .offset() Get the current coordinates of the first element in the set of matched elements, relative to the document. Tree Traversal .offsetParent() Get the closest ancestor element that is positioned. Event Handler Attachment .one() Attach a handler to an event for the elements. The handler is executed at most once. Child Filter :only-child Selector Selects all elements that are the only child of their parent. CSS, Dimensions, Style Properties .outerHeight() Get the current computed height for the first element in the set of matched elements, including padding and border. CSS, Dimensions, Style Properties .outerWidth() Get the current computed width for the first element in the set of matched elements, including padding and border. Collection Manipulation, Forms, Helper Functions jQuery.param() $Create\ a\ serialized\ representation\ of\ an\ array\ or\ object,\ suitable\ for\ use\ in\ a\ URL\ query\ string\ or\ Ajax\ request.$ Tree Traversal .parent() Get the parent of each element in the current set of matched elements, optionally filtered by a selector.

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:parent Selector Select all elements that are the parent of another element, including text nodes.	Content Filter
<pre>.parents() Get the ancestors of each element in the current set of matched elements, optionally filtered by a selector.</pre>	<u>Tree Traversal</u>
.parentsUntil() Get the ancestors of each element in the current set of matched elements, up to but not including the element match	Tree Traversal ched by the selector.
:password Selector Selects all elements of type password.	<u>Form</u>
<pre>.position() Get the current coordinates of the first element in the set of matched elements, relative to the offset parent.</pre>	CSS, Offset, Style Properties
jQuery.post() Load data from the server using a HTTP POST request.	Shorthand Methods
.prepend() Insert content, specified by the parameter, to the beginning of each element in the set of matched elements.	DOM Insertion, Inside
<pre>.prependTo() Insert every element in the set of matched elements to the beginning of the target.</pre>	DOM Insertion, Inside
.prev() Get the immediately preceding sibling of each element in the set of matched elements, optionally filtered by a selection.	Tree Traversal ctor.
.prevAll() Get all preceding siblings of each element in the set of matched elements, optionally filtered by a selector.	<u>Tree Traversal</u>
<pre>.prevUntil() Get all preceding siblings of each element up to but not including the element matched by the selector.</pre>	<u>Tree Traversal</u>
jQuery.proxy() Takes a function and returns a new one that will always have a particular scope.	Event Handler Attachment, Utilities
jQuery.pushStack() Add a collection of DOM elements onto the jQuery stack.	Plugin Authoring
.queue() Show the queue of functions to be executed on the matched elements.	Custom, Data, Utilities
jQuery.queue() Show the queue of functions to be executed on the matched elements.	<u>Data, Utilities</u>
:radio Selector Selects all elements of type radio.	<u>Form</u>
.ready() Specify a function to execute when the DOM is fully loaded.	Document Loading
.remove() Remove the set of matched elements from the DOM.	

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DOM Removal Attributes, General Attributes .removeAttr() Remove an attribute from each element in the set of matched elements. Attributes, CSS, Class Attribute .removeClass() Remove one or all classes from each element in the set of matched elements. Data Storage .removeData() Remove a previously-stored piece of data. Data, Utilities jQuery.removeData() Remove a previously-stored piece of data. DOM Replacement .replaceAll() A selector expression indicating which element(s) to replace. DOM Replacement .replaceWith() Replace each element in the set of matched elements with the provided new content. Form :reset Selector Selects all elements of type reset. **Browser Events** .resize() Bind an event handler to the "resize" JavaScript event, or trigger that event on an element. **Browser Events** .scroll() Bind an event handler to the "scroll" JavaScript event, or trigger that event on an element. CSS, Offset, Style Properties .scrollLeft() Get the current horizontal position of the scroll bar for the first element in the set of matched elements. CSS, Offset, Style Properties .scrollTop() Get the current vertical position of the scroll bar for the first element in the set of matched elements. Form Events, Forms .select() Bind an event handler to the "select" JavaScript event, or trigger that event on an element. Form :selected Selector Selects all elements that are selected. Plugin Authoring, Properties of jQuery Object Instances .selector A selector representing selector originally passed to jQuery(). Forms, Helper Functions .serialize() Encode a set of form elements as a string for submission. Forms, Helper Functions .serializeArray() $\label{lem:encode} \textit{Encode a set of form elements as an array of names and values.}$ **Basics** .show() Display the matched elements.

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.size()	DOM Element Method
Return the number of DOM elements matched by the jQuery object.	
.slice() Reduce the set of matched elements to a subset specified by a range of indices.	Filtering
.slideDown() Display the matched elements with a sliding motion.	Sliding
.slideToggle() Display or hide the matched elements with a sliding motion.	Stiding
.slideUp() Hide the matched elements with a sliding motion.	Stiding
.stop() Stop the currently-running animation on the matched elements.	Custom
.submit() Bind an event handler to the "submit" JavaScript event, or trigger that event on an element.	Form Events, Forms
Esubmit Selector Selects all elements of type submit.	<u>Form</u>
jQuery.support A collection of properties that represent the presence of different browser features or bugs.	Properties of the Global jQuery Object, Utilities
.text() Get the combined text contents of each element in the set of matched elements, including their	Attributes, DOM Insertion, Inside, General Attributes descendants.
Etext Selector Selects all elements of type text.	<u>Form</u>
.toArray() Retrieve all the DOM elements contained in the jQuery set, as an array.	DOM Element Methods
.toggle() Bind two or more handlers to the matched elements, to be executed on alternate clicks.	Basics, Mouse Events
.toggleClass() Add or remove a class from each element in the set of matched elements, depending on either th	Attributes, CSS, Class Attribute the class's presence or the value of the switch argument.
.trigger() Execute all handlers and behaviors attached to the matched elements for the given event type.	Event Handler Attachment
.triggerHandler() Execute all handlers attached to an element for an event.	Event Handler Attachment

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Utilities Event Handler Attachment .unbind() ${\it Remove~a~previously-attached~event~handler~from~the~elements.}$ Utilities jQuery.unique() Create a copy of an array of DOM elements with the duplicates removed. Note that this only works on arrays of DOM elements, not strings or numbers. **Document Loading** .unload() Bind an event handler to the "unload" JavaScript event. DOM Insertion, Around, DOM Removal .unwrap() Remove the parents of the set of matched elements from the DOM, leaving the matched elements in their place. Attributes, Forms, General Attributes .val() Get the current value of the first element in the set of matched elements. Visibility Filter :visible Selector Selects all elements that are visible. CSS, Dimensions, Style Properties .width() Get the current computed width for the first element in the set of matched elements. DOM Insertion, Around .wrap() $\label{thm:continuous} \textit{Wrap an HTML structure around each element in the set of matched elements}.$ DOM Insertion, Around .wrapAll() Wrap an HTML structure around all elements in the set of matched elements. DOM Insertion, Around .wrapInner() $\label{prop:content} \textit{Wrap an HTML structure around the content of each element in the set of matched elements.}$

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