



# jQuery cheatsheet

This jQuery cheat sheet is a great reference for both beginners and experienced developers.

## # Getting Started

Including jQuery	jQuery syntax	jQuery document ready
<pre>&lt;script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"&gt;&lt;/script&gt;</pre> <p>Official CDN</p> <pre>&lt;script src="https://code.jquery.com/jquery-3.5.1.min.js" crossorigin="anonymous"&gt; &lt;/script&gt;</pre>	<p><code>\$(selector).methodOrFunction();</code></p> <p>Example:</p> <pre>\$('#menu').on('click', () =&gt;   \$(this).hide(); );  \$('body').css('background', "red");</pre>	<p><code>\$(document).ready(function() {</code></p> <p>// Runs after the DOM is loaded.  <code>  alert('DOM fully loaded!');</code></p> <code>});</code> <p><code>\$(function(){</code></p> <p>// Runs after the DOM is loaded.  <code>  alert('DOM fully loaded!');</code></p> <code>});</code>

## # jQuery Selectors

Examples	Basics	Basic Filters																																			
<pre>\$("#button").click(() =&gt; {   \$(":button").css("color", "red"); });</pre> <p>Combining selectors</p> <pre>\$("selector1, selector2 ... selectorN")</pre>	<table> <thead> <tr> <th>*</th> <th>.class</th> <th>element</th> </tr> </thead> <tbody> <tr> <td>#id</td> <td>:hidden</td> <td>:visible</td> </tr> <tr> <td>:contains()</td> <td>:empty</td> <td>:has()</td> </tr> <tr> <td>:parent</td> <td>parent &gt; child</td> <td>ancestor descendant</td> </tr> <tr> <td>prev + next</td> <td>prev ~ siblings</td> <td></td> </tr> </tbody> </table>	*	.class	element	#id	:hidden	:visible	:contains()	:empty	:has()	:parent	parent > child	ancestor descendant	prev + next	prev ~ siblings		<table> <thead> <tr> <th>:animated</th> <th>:eq()</th> <th>:even</th> </tr> </thead> <tbody> <tr> <td>:first</td> <td>:gt()</td> <td>:header</td> </tr> <tr> <td>:lang()</td> <td>:last</td> <td>:lt()</td> </tr> <tr> <td>:not()</td> <td>:odd</td> <td>:root</td> </tr> <tr> <td>:target</td> <td></td> <td></td> </tr> </tbody> </table>	:animated	:eq()	:even	:first	:gt()	:header	:lang()	:last	:lt()	:not()	:odd	:root	:target							
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:file	:image	:input																																			
:password	:radio	:reset																																			
:selected	:submit	:text																																			

## # jQuery Attributes

Examples	Attributes	CSS																																						
<pre>\$('.h2').css({   color: 'blue',   backgroundColor: 'gray',   fontSize: '24px' });</pre> <p>jQuery addClass</p> <pre>\$('.button').addClass('active');</pre> <p>jQuery removeClass</p> <pre>\$('.button').on('mouseleave', evt =&gt; {   let e = evt.currentTarget;   \$(e).removeClass('active'); });</pre> <p>jQuery .toggleClass</p> <pre>\$('.choice').toggleClass('highlighted');</pre>	<table> <thead> <tr> <th>.attr()</th> <th>.prop()</th> </tr> </thead> <tbody> <tr> <td>.removeAttr()</td> <td>.removeProp()</td> </tr> <tr> <td>.val()</td> <td></td> </tr> </tbody> </table> <table> <thead> <tr> <th colspan="2">Data</th> </tr> </thead> <tbody> <tr> <td>jQuery.data()</td> <td>.data()</td> </tr> <tr> <td>jQuery.hasData()</td> <td>jQuery.removeData()</td> </tr> <tr> <td>.removeData()</td> <td></td> </tr> </tbody> </table> <table> <thead> <tr> <th colspan="2">Dimensions</th> </tr> </thead> <tbody> <tr> <td>.height()</td> <td>.innerHeight()</td> </tr> <tr> <td>.innerWidth()</td> <td>.outerHeight()</td> </tr> <tr> <td>.outerWidth()</td> <td>.width()</td> </tr> </tbody> </table>	.attr()	.prop()	.removeAttr()	.removeProp()	.val()		Data		jQuery.data()	.data()	jQuery.hasData()	jQuery.removeData()	.removeData()		Dimensions		.height()	.innerHeight()	.innerWidth()	.outerHeight()	.outerWidth()	.width()	<table> <thead> <tr> <th>.addClass()</th> <th>.hasClass()</th> </tr> </thead> <tbody> <tr> <td>.removeClass()</td> <td>.toggleClass()</td> </tr> <tr> <td>.css()</td> <td>jQuery.cssHooks</td> </tr> <tr> <td>jQuery.cssNumber</td> <td>jQuery.escapeSelector()</td> </tr> </tbody> </table> <table> <thead> <tr> <th colspan="2">Offset</th> </tr> </thead> <tbody> <tr> <td>.offset()</td> <td>.offsetParent()</td> </tr> <tr> <td>.position()</td> <td>.scrollLeft()</td> </tr> <tr> <td>.scrollTop()</td> <td></td> </tr> </tbody> </table>	.addClass()	.hasClass()	.removeClass()	.toggleClass()	.css()	jQuery.cssHooks	jQuery.cssNumber	jQuery.escapeSelector()	Offset		.offset()	.offsetParent()	.position()	.scrollLeft()	.scrollTop()	
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## # jQuery Manipulation

Examples	Copying	DOM Insertion, Around
<pre>/*&lt;span&gt;Span.&lt;/span&gt;*/ \$('span').after('&lt;p&gt;Paragraph.&lt;/p&gt;'); /*&lt;span&gt;Span.&lt;/span&gt;&lt;p&gt;Paragraph.&lt;/p&gt;*/  /*&lt;span&gt;Span.&lt;/span&gt;*/ \$('span').replaceAll('p'); /*&lt;p&gt;Span.&lt;/p&gt;/  /*&lt;span&gt;This is span.&lt;/span&gt;*/ \$('span').wrap('&lt;p&gt;&lt;/p&gt;'); /*&lt;p&gt;&lt;span&gt;This is span.&lt;/span&gt;&lt;/p&gt;*/</pre>	.clone()	.wrap() .wrapAll() .wrapInnner()
DOM Insertion, Inside	DOM Removal	DOM Replacement
.append() .prepend()	.empty() .detach() .unwrap()	.replaceWith()
.appendTo() .prependTo()	.remove()	
.html() .text()		

## # jQuery Traversing

Filtering	Miscellaneous Traversing	Tree Traversal
.eq() .has() .map() .filter() .is() .not() .first() .last() .slice()	.add() .contents() .addBack() .each() .andSelf() .end()	.children() .parent() .closest() .parents() .find() .parentsUntil() .next() .prev() .nextAll() .prevAll() .nextUntil() .prevUntil() .find()

## # jQuery Events

Examples	Browser Events	Event Object
<pre>// A mouse event 'click' \$('#menu-button').on('click', () =&gt; {   \$('#menu').show(); });  // A keyboard event 'keyup' \$('#textbox').on('keyup', () =&gt; {   \$('#menu').show(); });  // A scroll event 'scroll' \$('#menu-button').on('scroll', () =&gt; {   \$('#menu').show(); });</pre>	.error() .load() .resize() .ready() .scroll() .unload()	event.currentTarget event.delegateTarget event.data event.isDefaultPrevented() event.isImmediatePropagationStopped() event.isPropagationStopped() event.metaKey event.namespace event.pageX event.pageY event.preventDefault() event.relatedTarget event.result event.stopImmediatePropagation() event.stopPropagation() event.target event.timeStamp event.type event.which
Event object	Event Handler Attachment	Form Events
<pre>\$( '#menu' ).on('click', event =&gt; {   \$( event.currentTarget ).hide(); });</pre>	.bind() .live() .delegate() .off() .one() .trigger() .die() .on() .unbind() .triggerHandler() .undelegate()	.blur() .focusin() .change() .focusout() .focus() .select() .submit()
Method chaining	Keyboard Events	Mouse Events
<pre>\$( '#menu-btn' ).on('mouseenter', () =&gt; {   \$('#menu').show(); }).on('mouseleave', () =&gt; {   \$('#menu').hide(); });</pre>	.keydown() .keypress() .keyup()	.click() .contextMenu() .dblclick() .hover() .mousedown() .mouseenter() .mouseout() .mouseover() .mouseup() .toggle()
Prevents the event		
<pre>\$( "p" ).click(function( event ) {   event.stopPropagation();   // Do something });</pre>		

## # jQuery Effects

Examples	Basics	Sliding
----------	--------	---------

```
$('#menu-button').on('click', () => {
  // $('#menu').fadeIn(400, 'swing')
  $('#menu').fadeIn();
});
```

#### fadeOut effect

```
$('#menu-button').on('click', () => {
  // $('#menu').fadeOut(400, 'swing')
  $('#menu').fadeOut();
});
```

[.hide\(\)](#)   [.show\(\)](#)   [.toggle\(\)](#)

Custom

<a href="#">.animate()</a>	<a href="#">.clearQueue()</a>	<a href="#">.delay()</a>
<a href="#">.dequeue()</a>	<a href="#">jQuery.dequeue()</a>	<a href="#">.finish()</a>
<a href="#">jQuery.fx.interval</a>	<a href="#">jQuery.fx.off</a>	<a href="#">jQuery.speed</a>
<a href="#">.queue()</a>	<a href="#">jQuery.queue()</a>	<a href="#">.stop()</a>

[.slideDown\(\)](#)   [.slideToggle\(\)](#)   [.slideUp\(\)](#)

Fading

<a href="#">.fadeIn()</a>	<a href="#">.fadeOut()</a>	<a href="#">.fadeTo()</a>
<a href="#">.fadeToggle()</a>		

## # jQuery Ajax

Examples

```
$.ajax({
  url: this.action,
  type: this.method,
  data: $(this).serialize()
}).done(function(server_data){
  console.log("success" + server_data);
}).fail(function(jqXHR, status, err){
  console.log("fail" + err);
});
```

Global Ajax Event Handlers

<a href="#">.ajaxComplete()</a>	<a href="#">.ajaxError()</a>
<a href="#">.ajaxSend()</a>	<a href="#">.ajaxStart()</a>
<a href="#">.ajaxStop()</a>	<a href="#">.ajaxSuccess()</a>

Helper Functions

<a href="#">jQuery.param()</a>	<a href="#">.serialize()</a>
<a href="#">.serializeArray()</a>	

Low-Level Interface

<a href="#">jQuery.ajax()</a>	<a href="#">jQuery.prefilter()</a>
<a href="#">jQuery.ajaxSetup()</a>	<a href="#">jQuery.ajaxTransport()</a>

Shorthand Methods

<a href="#">jQuery.get()</a>	<a href="#">jQuery.getJSON()</a>
<a href="#">jQuery.getScript()</a>	<a href="#">jQuery.post()</a>
<a href="#">.load()</a>	

## # Miscellaneous

jQuery Object

<a href="#">jQuery()</a>	<a href="#">jQuery.noConflict()</a>
<a href="#">jQuery.sub()</a>	<a href="#">jQuery.holdReady()</a>
<a href="#">jQuery.when()</a>	

DOM Element Methods

<a href="#">.get()</a>	<a href="#">.index()</a>
<a href="#">.size()</a>	<a href="#">.toArray()</a>

Internals

<a href="#">jquery</a>	<a href="#">.context</a>
<a href="#">jQuery.error()</a>	<a href="#">.length</a>
<a href="#">.pushStack()</a>	<a href="#">.selector</a>

Deferred Object

<a href="#">jQuery.Deferred()</a>	<a href="#">deferred.always()</a>
<a href="#">deferred.done()</a>	<a href="#">deferred.fail()</a>
<a href="#">deferred.isRejected()</a>	<a href="#">deferred.isResolved()</a>
<a href="#">deferred.notify()</a>	<a href="#">deferred.notifyWith()</a>
<a href="#">deferred.pipe()</a>	<a href="#">deferred.progress()</a>
<a href="#">deferred.promise()</a>	<a href="#">deferred.reject()</a>
<a href="#">deferred.rejectWith()</a>	<a href="#">deferred.resolve()</a>
<a href="#">deferred.resolveWith()</a>	<a href="#">deferred.state()</a>
<a href="#">deferred.then()</a>	<a href="#">.promise()</a>

Utilities

<a href="#">jQuery.boxModel</a>	<a href="#">jQuery.browser</a>
<a href="#">jQuery.contains()</a>	<a href="#">jQuery.each()</a>
<a href="#">jQuery.extend()</a>	<a href="#">jQuery.globalEval()</a>
<a href="#">jQuery.grep()</a>	<a href="#">jQuery.inArray()</a>
<a href="#">jQuery.isArray()</a>	<a href="#">jQuery.isEmptyObject()</a>
<a href="#">jQueryisFunction()</a>	<a href="#">jQuery.isNumeric()</a>
<a href="#">jQuery.isPlainObject()</a>	<a href="#">jQuery.isWindow()</a>
<a href="#">jQuery.isXMLDoc()</a>	<a href="#">jQuery.makeArray()</a>
<a href="#">jQuery.map()</a>	<a href="#">jQuery.merge()</a>
<a href="#">jQuery.noop()</a>	<a href="#">jQuery.now()</a>
<a href="#">jQuery.parseHTML()</a>	<a href="#">jQuery.parseJSON()</a>
<a href="#">jQuery.parseXML()</a>	<a href="#">jQuery.proxy()</a>
<a href="#">jQuery.support</a>	<a href="#">jQuery.trim()</a>
<a href="#">jQuery.type()</a>	<a href="#">jQuery.unique()</a>
<a href="#">jQuery.uniqueSort()</a>	



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