

# jQuery cheatsheet

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

## # Getting Started

Including jQuery

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
```

Official CDN

```
<script src="https://code.jquery.com/jquery-3.5.1.min.js" crossorigin="anonymous"></script>
```

jQuery syntax

```
$(selector).methodOrFunction();
```

Example:

```
$('#menu').on('click', () =>{
  $(this).hide();
});

$("body").css("background", "red");
```

jQuery document ready

```
$(document).ready(function() {
  // Runs after the DOM is loaded.
  alert('DOM fully loaded!');
});

$(function(){
  // Runs after the DOM is loaded.
  alert('DOM fully loaded!');
});
```

## # jQuery Selectors

Examples

```
$("button").click(() => {
  $(".button").css("color", "red");
});
```

Combining selectors

```
$( "selector1, selector2 ...selectorn" )
```

Basics

*	.class	element
#id	:hidden	:visible
:contains()	:empty	:has()
:parent	parent > child	ancestor
prev + next	prev ~ siblings	



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Basic Filters		
:animated	:eq()	:even
:first	:gt()	:header
:lang()	:last	:lt()
:not()	:odd	:root
:target		

Attribute	
[name="value"]	[name*="value"]
[name~="value"]	[name\$="value"]
[name="value"]	[name!="value"]
[name^="value"]	[name]
[name="value"][name2="value2"]	

Child Filters	
:first-child	:first-of-type
:last-child	:last-of-type
:nth-child()	:nth-last-child()
:nth-last-of-type()	:nth-of-type()
:only-child	:only-of-type()

Forms		
:button	:checkbox	:checked
:disabled	:enabled	:focus
:file	:image	:input
:password	:radio	:reset
:selected	:submit	:text

## # jQuery Attributes

Examples	
<pre> \$('h2').css({   color: 'blue',   backgroundColor: 'gray',   fontSize: '24px' }); </pre>	
jQuery addClass	
<pre> \$('.button').addClass('active'); </pre>	
jQuery removeClass	
<pre> \$('.button').on('mouseleave', evt =&gt; {   let e = evt.currentTarget;   \$(e).removeClass('active'); }); </pre>	
jQuery .toggleClass	
<pre> \$('.choice').toggleClass('highlighted'); </pre>	

.attr()	.prop()
.removeAttr()	.removeProp()
.val()	



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Data	
jQuery.data()	.data()
jQuery.hasData()	jQuery.removeData()
.removeData()	

CSS	
.addClass()	.hasClass()
.removeClass()	.toggleClass()
.css()	jQuery.cssHooks
jQuery.cssNumber	jQuery.escapeSelector()

Dimensions	
.height()	.innerHeight()
.innerWidth()	.outerHeight()
.outerWidth()	.width()

Offset	
.offset()	.offsetParent()
.position()	.scrollLeft()
.scrollTop()	

# jQuery Manipulation

Examples
<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;*/ \$( '&lt;span&gt;Span.&lt;/span&gt;' ).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>

Copying
.clone()

DOM Insertion, Around		
.wrap()	.wrapAll()	.wrapInner()

DOM Insertion, Inside		
.append()	.appendTo()	.html()
.prepend()	.prependTo()	.text()

DOM Insertion, Outside		
.after()	.before()	.insertAfter()
.insertBefore()		

.detach()	.empty()	.remove()
.unwrap()		



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`.replaceAll()``.replaceWith()`

## # jQuery Traversing

## Filtering

`.eq()``.filter()``.first()``.has()``.is()``.last()``.map()``.not()``.slice()`

## Miscellaneous Traversing

`.add()``.addBack()``.andSelf()``.contents()``.each()``.end()`

## Tree Traversal

`.children()``.closest()``.find()``.next()``.nextAll()``.nextUntil()``.parent()``.parents()``.parentsUntil()``.prev()``.prevAll()``.prevUntil()``.siblings()`

## # jQuery Events

## Examples

```
// A mouse event 'click'
$('#menu-button').on('click', () => {
  $('#menu').show();
});

// A keyboard event 'keyup'
$('#textbox').on('keyup', () => {
  $('#menu').show();
});

// A scroll event 'scroll'
$('#menu-button').on('scroll', () => {
  $('#menu').show();
});
```

## Event object

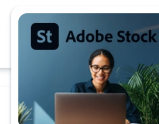
```
$('#menu').on('click', event => {
  $(event.currentTarget).hide();
});
```

## Method chaining

```
$('#menu-btn').on('mouseenter', () => {
  $('#menu').show();
}).on('mouseleave', () => {
  $('#menu').hide();
});
```

## Prevents the event

```
$( "p" ).click(function( event ) {
  event.stopPropagation();
  // Do something
});
```

`.error()``.resize()``.scroll()`

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`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`

`.load()`
`.ready()`
`.unload()`

`.bind()`
`.delegate()`
`.die()`  
`.live()`
`.off()`
`.on()`  
`.one()`
`.trigger()`
`.triggerHandler()`  
`.unbind()`
`.undelegate()`

`.blur()`
`.change()`
`.focus()`  
`.focusin()`
`.focusout()`
`.select()`  
`.submit()`

`.keydown()`
`.keypress()`
`.keyup()`

`.click()`
`.contextMenu()`
`.dblclick()`  
`.hover()`
`.mousedown()`
`.mouseenter()`  
`.mouseleave()`
`.mousemove()`
`.mouseout()`  
`.mouseover()`
`.mouseup()`
`.toggle()`

## # jQuery Effects



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

fadeOut effect

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

Basics

.hide()

.show()

.toggle()

Sliding

.slideDown()

.slideToggle()

.slideUp()

Custom

.animate()

.clearQueue()

.delay()

.dequeue()

jQuery.dequeue()

.finish()

jQuery.fx.interval

jQuery.fx.off

jQuery.speed

.queue()

jQuery.queue()

.stop()

Fading

.fadeIn()

.fadeOut()

.fadeTo()

.fadeToggle()

## # 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

.ajaxComplete()

.ajaxError()

.ajaxSend()

.ajaxStart()

.ajaxStop()

.ajaxSuccess()

Helper Functions

jQuery.param()

.serialize()

.serializeArray()

Low-Level Interface

jQuery.ajax()

jQuery.prefilter()

jQuery.ajaxSetup()

jQuery.ajaxTransport()

Shorthand Methods

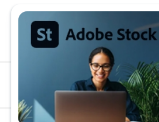
jQuery.get()

jQuery.getJSON()

jQuery.getScript()

jQuery.post()

.load()



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## # Miscellaneous

### jQuery Object

jQuery()	jQuery.noConflict()
jQuery.sub()	jQuery.holdReady()
jQuery.when()	

### Deferred Object

jQuery.Deferred()	deferred.always()
deferred.done()	deferred.fail()
deferred.isRejected()	deferred.isResolved()
deferred.notify()	deferred.notifyWith()
deferred.pipe()	deferred.progress()
deferred.promise()	deferred.reject()
deferred.rejectWith()	deferred.resolve()
deferred.resolveWith()	deferred.state()
deferred.then()	.promise()

### Utilities

jQuery.boxModel	jQuery.browser
jQuery.contains()	jQuery.each()
jQuery.extend()	jQuery.globalEval()
jQuery.grep()	jQuery.inArray()
jQuery.isArray()	jQuery.isEmptyObject()
jQuery.isFunction()	jQuery.isNumeric()
jQuery.isPlainObject()	jQuery.isWindow()
jQuery.isXMLDoc()	jQuery.makeArray()
jQuery.map()	jQuery.merge()
jQuery.noop()	jQuery.now()
jQuery.parseHTML()	jQuery.parseJSON()
jQuery.parseXML()	jQuery.proxy()
jQuery.support	jQuery.trim()
jQuery.type()	jQuery.unique()
jQuery.uniqueSort()	

### DOM Element Methods

.get()	.index()
.size()	.toArray()

### Internals

.jquery	.context
jQuery.error()	.length
.pushStack()	.selector

jQuery.Callbacks()	callbacks.add()
callbacks.disable()	callbacks.disabled()



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<a href="#">callbacks.empty()</a>	<a href="#">callbacks.fire()</a>
<a href="#">callbacks.fired()</a>	<a href="#">callbacks.fireWith()</a>
<a href="#">callbacks.has()</a>	<a href="#">callbacks.lock()</a>
<a href="#">callbacks.locked()</a>	<a href="#">callbacks.remove()</a>

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