

jQuery 1.4 API Cheat Sheet

Selectors

Basics

```
#id
element
.class, .class.class
*
selector1, selector2
```

Basic Filters

```
:first
:last
:not(selector)
:even
:odd
:eq(index)
:gt(index)
:lt(index)
:header
:animated
```

Child Filters

```
:nth-child(expr)
:first-child
:last-child
:only-child
```

Forms

```
:input
:text
:password
:radio
:checkbox
:submit
:image
:reset
:button
:file
```

Legend

Conventional signs

[obj] — array of objects

1.4+ — new in 1.4

1.4* — changed in 1.4

Data types

* — anything

\$ — jQuery object

arr — array

bool — boolean

el — DOM element

fn — function

int — integer

obj — object

str — string

XHR — XMLHttpRequest

<http://futurecolors.ru/jquery/>

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Hierarchy

```
ancestor descendant
parent > child
prev + next
prev ~ siblings
```

Content Filters

```
:contains(text)
:empty
:has(selector)
:parent
```

Visibility Filters

```
:hidden
:visible
```

Attribute Filters

```
[attribute]
[attribute=value]
[attribute!=value]
[attribute^=value]
[attribute$=value]
[attribute*=value]
[attribute]=value]
[attribute~=value]
[attribute][attribute2]
```

Form Filters

```
:enabled
:disabled
:checked
:selected
```

Core

jQuery function

```
$ .jQuery( selector [, context] ), .jQuery( element ),
  .jQuery( elementArray ), .jQuery( jQueryObject ),
  .jQuery() 1.4*
$ .jQuery( html [, ownerDocument] ),
  .jQuery( html, props ) 1.4*
$ .jQuery( fn )
```

jQuery Object Accessors

```
$ .each( fn(index, element) )
num .size(), .length
```

```
str .selector
```

```
el .context
```

```
$ .eq( index )
```

```
jQuery.error( str ) 1.4+
```

```
[el],el .get( [index] )
```

```
num .index() 1.4*, .index( selector ) 1.4*, .index( element )
```

```
$ .jQuery.pushStack( elements, [name, arguments] )
```

```
arr .toArray() 1.4+
```

Interoperability

```
$ .jQuery.noConflict( [extreme] )
```

Attributes

Attributes

```
str .attr( name )
$ .attr( name, val ), .attr( map ), .attr( name, fn(index, attr) )
$ .removeAttr( name )
```

Class

```
$ .addClass( class ), .addClass( fn(index, class) ) 1.4*
```

```
bool .hasClass( class )
```

```
$ .removeClass( [class] ),
```

```
  .removeClass( fn(index, class) ) 1.4*
```

```
$ .toggleClass( class [, switch] ),
```

```
  .toggleClass( fn(index, class) [, switch] ) 1.4*
```

HTML, text

```
str .html() 
```

```
$ .html( val ), .html( fn(index, html) ) 1.4*
```

```
str .text() 
```

```
$ .text( val ), .text( fn(index, html) ) 1.4*
```

Value

```
str,arr .val() 
```

```
$ .val( val ), .val( fn() ) 1.4*
```

CSS

CSS

```
str .css( name )
```

```
$ .css( name, val ), .css( map ),
```

```
  .css( name, fn(index, val) ) 1.4*
```

Positioning

```
obj .offset() 
```

```
$ .offset( coord ), .offset( fn( index, coord ) ) 1.4+
```

```
$ .offsetParent() 
```

```
obj .position() 
```

```
int .scrollTop() 
```

```
$ .scrollTop( val )
```

```
int .scrollLeft() 
```

```
$ .scrollLeft( val )
```

Height and Width

```
int .height() 
```

```
$ .height( val ), .height( fn(index, height) ) 1.4*
```

```
int .width() 
```

```
$ .width( val ), .width( fn(index, height) ) 1.4*
```

```
int .innerHeight() 
```

```
int .innerWidth() 
```

```
int .outerHeight( [margin] )
```

```
int .outerWidth( [margin] )
```

Traversing

Filtering

```
$ .eq( index )
```

```
$ .first() 1.4+
```

```
$ .last() 1.4+
```

```
$ .has( selector ), .has( element ) 1.4+
```

```
$ .filter( selector ), .filter( fn(index) )
```

```
bool .is( selector )
```

```
$ .map( fn(index, element) )
```

```
$ .not( selector ), .not( elements ),
```

```
  .not( fn( index ) )
```

```
$ .slice( start [, end] )
```

Tree traversal

```
$ .children( [selector] )
```

```
$ .closest( selector [, context] ) 1.4*
```

```
arr .closest( selectors [, context] ) 1.4+
```

```
$ .find( selector )
```

```
$ .next( [selector] )
```

```
$ .nextAll( [selector] )
```

```
$ .nextUntil( [selector] ) 1.4+
```

```
$ .offsetParent() 
```

```
$ .parent( [selector] )
```

```
$ .parents( [selector] )
```

```
$ .parentsUntil( [selector] ) 1.4+
```

```
$ .prev( [selector] )
```

```
$ .prevAll( [selector] )
```

```
$ .prevUntil( [selector] ) 1.4+
```

```
$ .siblings( [selector] )
```

Miscellaneous

```
$ .add( selector [, context] ), .add( elements ),
```

```
  .add( html ) 1.4*
```

```
$ .andSelf() 
```

```
$ .contents() 
```

```
$ .end() 
```

Manipulation

Inserting Inside

```
$ .append( content ),
```

```
  .append( fn( index, html ) ) 1.4*
```

```
$ .appendTo( target )
```

```
$ .prepend( content ),
```

```
  .prepend( fn( index, html ) ) 1.4*
```

```
$ .prependTo( target )
```

Inserting Outside

```
$ .after( content ), .after( fn() ) 1.4*
```

```
$ .before( content ), .before( fn() ) 1.4*
```

```
$ .insertAfter( target )
```

```
$ .insertBefore( target )
```

Inserting Around

```
$ .unwrap() 1.4+
```

```
$ .wrap( wrappingElement ), .wrap( fn ) 1.4*
```

```
$ .wrapAll( wrappingElement ),
```

```
  .wrapAll( fn ) 1.4*
```

```
$ .wrapInner( wrappingElement ),
```

```
  .wrapInner( fn ) 1.4*
```

Replacing

```
$ .replaceWith( content ),
```

```
  .replaceWith( fn ) 1.4*
```

```
$ .replaceAll( selector )
```

Removing

```
$ .detach( [selector] ) 1.4+
```

```
$ .empty() 
```

```
$ .remove( [selector] )
```

Copying

```
$ .clone( [withDataAndEvents] )
```

Events

Page Load

```
$ .ready( fn() )
```

Event Handling

```
$ .bind( type [, data ], fn(eventObj) ), .bind( array ) 1.4*
```

```
$ .one( type [, data ], fn(eventObj) )
```

```
$ .trigger( event [, data] )
```

```
obj .triggerHandler( event [, data] )
```

```
$ .unbind( [type] [, fn] )
```

```
$ .delegate( selector, eventType, [eventData], handler )
```

```
  1.4+
```

```
$ .undelegate( [selector, eventType, [handler]] ) 1.4+
```

Live Events

```
$ .live( eventType [, data ], fn() )
```

```
$ .die() 1.4+, .die( eventType [, fn() ] )
```

Interaction Helpers

```
$ .hover( fn(eventObj), fnOut(eventObj) )
```

```
$ .toggle( fn(eventObj), fn2(eventObj) [, ...] )
```

Event Helpers

```
$ .blur( [fn] ),
```

```
  .change( [fn] ),
```

```
  .click( [fn] ),
```

```
  .dblclick( [fn] ),
```

```
  .error( [fn] ),
```

```
  .focus( [fn] ),
```

```
  .focusin( [fn] ), 1.4+
```

```
  .focusout( [fn] ), 1.4+
```

```
  .keydown( [fn] ),
```

```
  .keypress( [fn] ),
```

```
  .keyup( [fn] ),
```

```
  .load( [fn] ),
```

```
  .mousedown( [fn] ),
```

```
  .mouseenter( [fn] ),
```

```
  .mouseleave( [fn] ),
```

```
  .mousemove( [fn] ),
```

```
  .mouseout( [fn] ),
```

```
  .mouseover( [fn] ),
```

```
  .mouseup( [fn] ),
```

```
  .resize( [fn] ),
```

```
  .scroll( [fn] ),
```

```
  .select( [fn] ),
```

```
  .submit( [fn] ),
```

```
  .unload( [fn] )
```

Event object

```
event = {
  el currentTarget,
  * data,
  bool isDefaultPrevented(),
  bool isImmediatePropagationStopped(),
  bool isPropagationStopped(),
  num pageX,
  num pageY,
  preventDefault(),
  el relatedTarget,
  obj result,
  stopImmediatePropagation(),
  stopPropagation(),
  el target,
  num timeStamp,
  str type,
  str which
}
```

Effects

Basics

```
$ .show( [ duration [, fn] ] )
```

```
$ .hide( [ duration [, fn] ] )
```

```
$ .toggle( [showOrHide] )
```

```
$ .toggle( duration [, fn] )
```

Sliding

```
$ .slideDown( duration [, fn] )
```

```
$ .slideUp( duration [, fn] )
```

```
$ .slideToggle( [duration] [, fn] )
```

Fading

```
$ .fadeIn( duration [, fn] )
```

```
$ .fadeOut( duration [, fn] )
```

```
$ .fadeTo( duration, opacity [, fn] )
```

Custom

```
$ .animate( params [, duration] [, easing] [, fn] )
```

```
$ .animate( params, options )
```

```
$ .stop( [clearQueue] [, jumpToEnd] )
```

```
$ .delay( duration [, queueName] ) 1.4+
```

Settings

```
bool jQuery.fx.off
```

AJAX

Low-Level Interface

```
XHR jQuery.ajax( options )
```

```
bool async = true
bool cache = true
str contentType
obj, str data
bool global = true
str jsonp
str password
num timeout
str url = curr. page
  fn xhr
  str dataType ∈ {xml, json, script, html}
  fn error( XHR, status, errorThrown )
  fn beforeSend( XHR )
  fn complete( XHR, status )
  obj context
  fn dataFilter( data, type )
  bool ifModified = false
  fn jsonpCallback
  bool processData = true
  str type = 'GET'
  str username
  str scriptCharset
  fn success( data, status, XHR )
```

```
jQuery.ajaxSetup( options )
```

Shorthand Methods

```
$ .load( url [, data] [, fn( responseText, status, XHR ) ] )
```

```
XHR jQuery.get( url [, data] [, fn( data, status, XHR ) ] [, type] )
```

```
XHR jQuerygetJSON( url [, data] [, fn( data, status ) ] )
```

```
XHR jQuery.getScript( url [, fn( data, status ) ] )
```

```
XHR jQuery.post( url [, data] [, fn( data, status ) ] [, type] )
```

Global Ajax Event Handlers

```
$ .ajaxComplete( fn( event, XHR, options ) )
```

```
$ .ajaxError( fn( event, XHR, options, errorThrown ) )
```

```
$ .ajaxSend( fn( event, XHR, options ) )
```

```
$ .ajaxStart( fn() )
```

```
$ .ajaxStop( fn() )
```

```
$ .ajaxSuccess( fn( event, XHR, options ) )
```

Miscellaneous

```
str .serialize() 
```

```
[obj] .serializeArray() 
```

```
str jQuery.param( obj, [traditional] ) 1.4*
```

Utilities

Browser and Feature Detection

```
obj jQuery.support
```

```
obj jQuery.browser deprecated
```

```
str jQuery.browser.version deprecated
```

```
bool jQuery.boxModel deprecated
```

Basic operations

```
obj jQuery.each( obj, fn( index, valueOfElement ) )
```

```
obj jQuery.extend( [deep.] target, obj1 [, objN] )
```

```
arr jQuery.grep( array, fn( element, index ) [, invert] )
```

```
arr jQuery.makeArray( obj )
```

```
arr jQuery.map( array, fn( element, index ) )
```

```
num jQuery.inArray( val, array )
```

```
arr jQuery.merge( first, second )
```

```
fn jQuery.noop 1.4+
```

```
fn jQuery.proxy( fn, scope ), jQuery.proxy( scope, name ) 1.4+
```

```
arr jQuery.unique( array )
```

```
str jQuery.trim( str )
```

```
obj jQuery.parseJSON( str ) 1.4+
```

Data functions

```
$ .clearQueue( [name] ) 1.4+
```

```
$ .dequeue( [name] ), jQuery.dequeue( [name] )
```

```
obj jQuery.data( element, key ), jQuery.data( ) 1.4+
```

```
obj .data( ), .data( key )
```

```
$ .data( key, val ), .data( obj ) 1.4*
```

```
$ .removeData( [name] )
```

```
[fn] .queue( [name] ) jQuery.queue( [name] )
```

```
$ .queue( [name.] fn( next ) ), jQuery.queue( [name.] fn() )
```

```
$ .queue( [name.] queue ), jQuery.queue( [name.] queue )
```

Test operations

```
bool jQuery.isArray( obj )
```

```
bool jQuery.isEmptyObject( obj ) 1.4+
```

```
bool jQuery.isFunction( obj )
```

```
bool jQuery.isPlainObject( obj ) 1.4+
```