jQuery 1.4 API Cheat Sheet

Selectors

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

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

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

Content Filters
:contains(text)
:empty
:has(selector)
:parent

Visibility Filters
:hidden
:visible

Child Filters
:nth-child(expr)
:first-child
:last-child
:only-child

Attribute Filters
[attribute]
[attribute=value]
[attribute!=value]
[attribute^=value]
[attribute$=value]
[attribute*=value]
[attribute|=value]
[attribute~=value]
[attribute][attribute2]

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

Form Filters
:enabled
:disabled
:checked
:selected

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

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