jQuery 1.7 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

:focus

Child Filters

:nth-child(expr)

:first-child

:last-child

:only-child

Forms

:input

:text

:password

:radio

:checkbox

:submit

:image

:reset

:button

:file

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] | element | elementArray | jQueryObject), **.jQuery**( )

$ **.jQuery**(html [, owner] | html, props)

$ **.jQuery**(fn)

def **.when**(deferreds)

fn **jQuery.sub**( )

$ **.holdReady**(hold)

jQuery Object Accessors

$ **.each**(fn(index, element))

num **.size**( ), **.length**

str **.selector**

el **.context**

$ **.eq**(index)

jQuery.error(str)

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

num **.index**( ), **.index**(selector | element)

$ **jQuery.pushStack**(elements, [name, args])

arr **.toArray**( )

Interoperability

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

Attributes

Attributes

str **.attr**(name | name , value)

$ **.attr**(name, val | map | name, fn(index, attr))

$ **.removeAttr**(name)

$ **.prop**(name)

$ **.removeProp**(name)

Class

$ **.addClass**(class | fn(index, class))

bool **.hasClass**(class)

$ **.removeClass**([class] | fn(index, class))

$ **.toggleClass**(class [, switch] | fn(index, class) [, switch])

HTML, text

str **.html**( )

$ **.html**(val | fn(index, html))

str **.text**( )

$ **.text**(val | fn(index, html))

Value

str,arr **.val**( )

$ **.val**(val | fn())

Traversing

Filtering

$ **.eq**(index)

$ **.first**( )

$ **.last**( )

$ **.has**(selector), **.has**(element)

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

bool **.is**(selector | function(index) | jQuery object | element) 1.7*

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

$ **.not**(selector), **.not**(elements), **.not**(fn(index))

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

Tree traversal

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

$ **.closest**(selector [, context] | jQuery object | element)

arr **.closest**(selectors [, context])

$ **.find**(selector | jQuery object | element)

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

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

$ **.nextUntil**([selector])

$ **.offsetParent**( )

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

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

$ **.parentsUntil**([selector])

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

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

$ **.prevUntil**([selector])

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

Miscellaneous

$ **.add**(selector [, context] | elements | html)

$ **.andSelf**( )

$ **.contents**( )

$ **.end**( )

CSS

CSS

str **.css**(name)

$ **.css**(name, val | map | name, fn(index, val))

Positioning

obj **.offset**( )

$ **.offset**(coord | fn(index, coord))

$ **.offsetParent**( )

obj **.position**( )

int **.scrollTop**( )

$ **.scrollTop**(val)

int **.scrollLeft**( )

$ **.scrollLeft**(val)

Height and Width

int **.height**( )

$ **.height**(val | fn(index, height))

int **.width**( )

$ **.width**(val | fn(index, height))

int **.innerHeight**( )

int **.innerWidth**( )

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

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

Manipulation

Inserting Inside

$ **.append**(content | fn(index, html))

$ **.appendTo**(target)

$ **.prepend**(content | fn(index, html))

$ **.prependTo**(target)

Inserting Outside

$ **.after**(content | fn())

$ **.before**(content | fn())

$ **.insertAfter**(target)

$ **.insertBefore**(target)

Inserting Around

$ **.unwrap**( )

$ **.wrap**(wrappingElement | fn)

$ **.wrapAll**(wrappingElement | fn)

$ **.wrapInner**(wrappingElement | fn)

Replacing

$ **.replaceWith**(content | fn)

$ **.replaceAll**(selector)

Removing

$ **.detach**([selector])

$ **.empty**( )

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

Copying

$ **.clone**([withDataAndEvents], [deepWithDataAndEvents])

Events

Page Load

$ **.ready**(fn())

Event Handling

$ **.on**(events [, selector] [, data], handler) 1.7+

$ **.on**(events-map [, selector] [, data]) 1.7+

$ **.off**(events [, selector] [, handler]) 1.7+

$ **.off**(events-map [, selector]) 1.7+

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

$ **.bind**(type [, data], false)

$ **.bind**(array)

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

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

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

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

$ **.delegate**(selector, type, [data], handler)

$ **.undelegate**([selector, type, [handler]]) | selector, events | namespace)

Live Events

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

$ **.die**( ), **.die**([eventType] [, fn()])

Interaction Helpers

$ **.hover**(fnIn(eventObj), fnOut(eventObj))

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

Event Helpers

function ([data,] [fn])

$ **.blur**,

.change,

.click,

.dblclick,

.error,

.focus,

.focusin,

.focusout,

.keydown,

.keypress,

.keyup,

.load([data,] fn),

.mousedown,

.mouseenter,

.mouseleave,

.mousemove,

.mouseout,

.mouseover,

.mouseup,

.resize,

.scroll,

.select,

.submit,

.unload([data,] fn)

Effects

Basics

$ **.show**([duration [, easing] [, fn]])

$ **.hide**([duration [, easing] [, fn]])

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

$ **.toggle**(duration [, easing] [, fn])

Sliding

$ **.slideDown**(duration [, easing] [, fn])

$ **.slideUp**(duration [, easing] [, fn])

$ **.slideToggle**([duration] [, easing] [, fn])

Fading

$ **.fadeIn**(duration [, easing] [, fn])

$ **.fadeOut**(duration [, easing] [, fn])

$ **.fadeTo**([duration,] opacity [, easing] [, fn])

$ **.fadeToggle**([duration,] [, easing] [, fn])

Custom

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

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

$ **.stop**([queue] [, clearQueue] [, jumpToEnd]) 1.7*

$ **.delay**(duration [, queueName])

Settings

bool **jQuery.fx.off** num **jQuery.fx.interval**

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AJAX

Low-Level Interface

jqXHR **jQuery.ajax**(options, [settings])

map accepts
fn beforeSend(jqXHR, config)
fn complete(jqXHR, status)
str contentType
map converters
obj, str data
bool global = true
bool ifModified = false
fn jsonpCallback
bool processData = true
map statusCode
bool traditional
str url = curr. page
fn xhr
str dataType ∈ {xml, json, script, html}
fn error(jqXHR, status, errorThrown)
fn success(data, status, jqXHR)

bool async = true
bool cache = true
map contents
obj context
bool crossDomain
fn dataFilter(data, type)
map headers
str jsonp
str password
str scriptCharset
num timeout
str type = 'GET'
str username

jQuery.ajaxSetup(options)

Miscellaneous

str .**serialize**( )
[obj] .**serializeArray**( )
str **jQuery.param**(obj, [traditional])

Shorthand Methods

$.**load**(url [, data] [, fn(responseText, status, XHR)])
jqXHR **jQuery.get**(url [, data] [, fn(data, status, XHR)] [, type])
jqXHR **jQuery.getJSON**(url [, data] [, fn(data, status)])
jqXHR **jQuery.getScript**(url [, fn(data, status)])
jqXHR **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))

Event object

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

Deferred

deferred object = {
def .**always**(alwaysCallbacks [, alwaysCallbacks])
def **done**(doneCallbacks)
def **fail**(failCallbacks)
bool **isRejected**()
bool **isResolved**()
def .**notify**(args) 1.7+
def .**notifyWith**(context, [args]) 1.7+
def .**pipe**([doneFilter] [, failFilter] [, progressFilter]) 1.7*
def .**progress**(progressCallbacks) 1.7+
def **reject**([args])
def **rejectWith**(context, [args])
def **resolve**([args])
def **resolveWith**(context, [args])
str **state**()
def **then**(doneCallbacks, failCallbacks [, progressCallbacks]) 1.7*
}
def .**promise**([target])

Callbacks

callbacks object = { 1.7+
und .**add**(callbacks)
und .**disable**()
und .**empty**()
und .**fire**(arguments)
bool .**fired**()
und .**fireWith**([context] [, args])
bool .**has**(callback)
und .**lock**()
bool .**locked**()
und .**remove**(callbacks)
}
cb **$.Callbacks**(flags)

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(i, valueOfElement))
obj **jQuery.extend**([deep,] target, obj1 [, objN])
arr **jQuery.grep**(arr, fn(el, i) [, invert])
arr **jQuery.makeArray**(obj)
arr **jQuery.map**(arrayOrObject, fn(el, i))
num **jQuery.inArray**(val, arr)
arr **jQuery.merge**(first, second)
fn **jQuery.noop**
fn **jQuery.proxy**(fn, scope | scope, name)
arr **jQuery.unique**(arr)
str **jQuery.trim**(str)
obj **jQuery.parseJSON**(str)

Data functions

$.**clearQueue**([name])
$.**dequeue**([name]), **jQuery.dequeue**([name])
obj **jQuery.data**(el, key), **jQuery.data**( )
obj .**data**( ), .**data**(key)
$.**data**(key, val | obj)
$.**removeData**([name] |[list]) 1.7*
[fn] .**queue**([name]) **jQuery.queue**([name])
$.**queue**([name,] fn(next)), **jQuery.queue**([name,] fn( ))
$.**queue**([name,] queue), **jQuery.queue**([name,] queue)

Test operations

str **jQuery.type**(obj)
bool **jQuery.isArray**(obj)
bool **jQuery.isEmptyObject**(obj)
bool **jQuery.isFunction**(obj)
bool **jQuery.isPlainObject**(obj)
bool **jQuery.isWindow**(obj)
bool **jQuery.isNumeric**(val) 1.7+

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