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# THE MEGA CHEAT SHEET

**SELECTORS** - **ATTRIBUTES** **CSS** -  
**MANIPULATION** - **TRAVERSING** -  
**EVENTS** - **EFFECTS** - **AJAX** - **CORE**

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**JQUERY CSS**

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# SELECTORS

## Basic

" \* "  
.class  
element  
#id  
selector1, selectorN, ...

## Hierarchy

parent > child  
ancestor descendant  
prev + next  
prev ~ siblings

## Basic Filters

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

## Content Filters

:contains()  
:empty  
:has()  
:parent

## Visibility Filters

:hidden  
:visible

## Attributes

[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          :input  
:checkbox            :password  
:checked          :radio  
:disabled         :rest  
:enabled          :selected  
:focus           :submit  
:file              :text  
:image

# ATTRIBUTES \ CSS

## Attributes

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

## Data

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

## CSS

.addClass()  
.css()  
jQuery.cssHooks  
.hasClass()  
.removeClass()  
.toggleClass()

## Offset

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

## Dimensions

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

# MANIPULATION

## Copying

`.clone()`

## DOM Insertion, Around

`.wrap()`  
`.wrapAll()`  
`.wrapInner()`

## DOM Insertion, Inside

`.append()`  
`.appendTo()`  
`.html()`  
`.prepend()`  
`.prependTo()`  
`.text()`

## DOM Removal

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

## DOM Insertion, Outside

`.after()`  
`.before()`  
`.insertAfter()`  
`.insertBefore()`

## DOM Replacement

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

# TRAVERSING

## Filtering

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

## Miscellaneous Traversing

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

## Tree Traversal

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

# EVENTS

## Browser Events

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

## Form Events

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

## Document Loading

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

## Mouse Events

`event.currentTarget`  
`event.data`  
`event.isDefaultPrevented()`  
`event.isImmediatePropagationStopped()`  
`event.isPropagationStopped()`  
`event.namespace`  
`event.pageX`  
`event.pageY`  
`event.preventDefault()`  
`event.relatedTarget`  
`event.result`  
`event.stopImmediatePropagation()`  
`event.stopPropagation()`  
`event.target`  
`event.timeStamp`  
`event.type`  
`event.which`

## Keyboard Events

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

## Event Handler Attachment

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

## Mouse Events

`.click()`  
`.dblclick()`  
`.focusin()`  
`.focusout()`  
`.hover()`  
`.mousedown()`  
`.mouseenter()`  
`.mouseleave()`  
`.mousemove()`  
`.mouseout()`  
`.mouseover()`  
`.mouseup()`

# EFFECTS

## Basics

`.hide()`  
`.show()`  
`.toggle()`

## Sliding

`.slideDown()`  
`.slideToggle()`  
`.slideUp()`

## Custom

`.animate()`  
`.clearQueue()`  
`.delay()`  
`.dequeue()`  
`jQuery.dequeue()`  
`.finish()`  
`jQuery.fx.interval`  
`jQuery.fx.off`  
`.queue()`  
`jQuery.queue()`  
`.stop()`

## Fading

`.fadeIn()`  
`.fadeOut()`  
`.fadeTo()`  
`.fadeToggle()`

# AJAX

## Global Ajax Event Handlers

- .ajaxComplete()
- .ajaxError()
- .ajaxSend()
- .ajaxStart()
- .ajaxStop()
- .ajaxSuccess()

## Helper Functions

- jQuery.param()
- .serialize()
- .serializeArray()

## Low-Level Interface

- jQuery.ajax()
- jQuery.ajaxSetup()

## Shorthand Methods

- jQuery.get()
- jQuerygetJSON()
- jQuery.getScript()
- .load()
- jQuery.post()

# CORE

## jQuery Object

- jQuery()
- jQuery.noConflict()
- jQuery.when()

## Deferred Object

- deferred.always()
- deferred.done()
- deferred.fail()
- 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.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()

## DOM Element Methods

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

## Internals

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

## Callbacks Object

- jQuery.Callbacks()
- callbacks.add()
- callbacks.disable()
- callbacks.empty()
- callbacks.fire()
- callbacks.fired()
- callbacks.fireWith()
- callbacks.has()
- callbacks.lock()
- callbacks.locked()
- callbacks.remove()



# CSS CHEAT SHEET

## CSS - POSITIONING - HEIGHT & WIDTH - STYLESHEETS - CLASS - ATTRIBUTES

### jQuery CSS - CSS

Get css property of element.

```
$("#elementid").css(property);
```

Set multiple properties.

```
$("#elementid").css({'border':'1px  
solid red', 'font-size' : '12px',  
'font-weight:bold'});
```

Set single property.

```
Set single property. $("#elementid").css('border', '1px  
solid red');
```

### jQuery CSS - Positioning

Get the offset (position of element relative to the page). Returned as an object.

```
var offset =  
$("#elementid").offset();  
alert(offset.left);  
alert(offset.top);
```

Get the position (position of element relative to parent). Returned as object.

```
var position =  
$("#elementid").position();  
alert(position.left);  
alert(position.top);
```

Get scrollbar vertical position. Works on any element with scrollbar.

```
$(window).scrollTop();
```

Set scrollbar vertical position.

```
$(window).scrollTop(700);
```

Get scrollbar horizontal position.

```
$(window).scrollLeft();
```

Set scrollbar horizontal position

```
$(window).scrollLeft(400);
```

## jQuery CSS - Height & Width

Get the current height of element.	<code>\$("#elementid").height();</code>
Set the current height of element.	<code>\$("#elementid").height(120);</code>
Get the current width of element.	<code>\$("#elementid").width();</code>
Set the current width of element.	<code>\$("#elementid").width(170);</code>
Get the inner height (height of element incl. padding excl. border) of element.	<code>\$("#elementid").innerHeight();</code>
Get the inner width (width of element incl. padding excl. border) of element.	<code>\$("#elementid").innerWidth();</code>
Get the outer height (height of element incl. padding and border) of element. If true param passed in also includes margin height.	<code>\$("#elementid").outerHeight();</code> or <code>\$("#elementid").outerHeight(true);</code>
Get the outer width of element (see outer height notes above).	<code>\$("#elementid").outerWidth();</code> or <code>\$("#elementid").outerWidth(true);</code>

## Stylesheets

Change single stylesheet.	<code>\$("link[rel=stylesheet]").attr({href : "css/sheet_a.css"});</code>
Switch particular stylesheet.	<code>\$("link[rel=stylesheet][href=css/sheet_c.css]").attr({href : "css/sheet_a.css"});</code>
Add a stylesheet.	<code>\$("head").append('&lt;link rel="stylesheet" type="text/css" href="css/sheet_a.css" /&gt;');</code>

## jQuery Attributes - Class

Add a class to an element.

```
$("#elementid").addClass("class");
```

Check element has a particular class.

```
$("#elementid").hasClass("class");
```

Remove a class from an element.

```
$("#elementid").removeClass("class");
```

Remove a class if element has it otherwise add the class.

```
$("#elementid").toggleClass("class");
```

## jQuery Attributes - Attr

Get the ID of element.

```
e.g. $("#elementid div:firstchild").attr("id");
```

Set the ID of element.

```
e.g. $("#elementid div:firstchild").attr("id",  
"my_new_id");
```

Remove the ID attribute from an element.

```
$("#elementid").removeAttr("id");
```

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