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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

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

## 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

<code>:button</code>	<code>:input</code>
<code>:checkbox</code>	<code>:password</code>
<code>:checked</code>	<code>:radio</code>
<code>:disabled</code>	<code>:rest</code>
<code>:enabled</code>	<code>:selected</code>
<code>:focus</code>	<code>:submit</code>
<code>:file</code>	<code>:text</code>
<code>:image</code>	

# 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

<code>.addBack()</code>	<code>.parent()</code>
<code>.children()</code>	<code>.parents()</code>
<code>.closest()</code>	<code>.parentsUntil()</code>
<code>.find()</code>	<code>.prev()</code>
<code>.next()</code>	<code>.prevAll()</code>
<code>.nextAll()</code>	<code>.prevUntil()</code>
<code>.nextUntil()</code>	<code>.siblings()</code>

# 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.

```
$("#elementid").height();
```

Set the current height of element.

```
$("#elementid").height(120);
```

Get the current width of element.

```
$("#elementid").width();
```

Set the current width of element.

```
$("#elementid").width(170);
```

Get the inner height (height of element incl. padding excl. border) of element.

```
$("#elementid").innerHeight();
```

Get the inner width (width of element incl. padding excl. border) of element.

```
$("#elementid").innerWidth();
```

Get the outer height (height of element incl. padding and border) of element. If true param passed in also includes margin height.

```
$("#elementid").outerHeight();  
or  
$("#elementid").outerHeight(true);
```

Get the outer width of element (see outer height notes above).

```
$("#elementid").outerWidth();  
or  
$("#elementid").outerWidth(true);
```

## Stylesheets

Change single stylesheet.

```
$("link[rel=stylesheet]").attr({href :  
"css/sheet_a.css"});
```

Switch particular stylesheet.

```
$("link[rel=stylesheet][href=css/sheet_c.css]").attr(  
{href : "css/sheet_a.css"});
```

Add a stylesheet.

```
$("head").append('<link rel="stylesheet"  
type="text/css" href="css/sheet_a.css" />');
```

## 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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