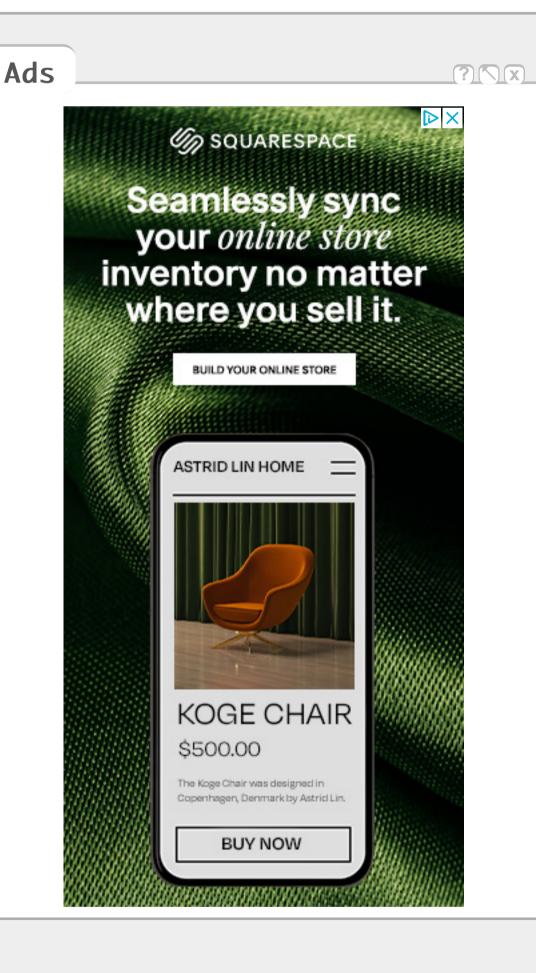# jQuery CheatSheet

## Events

```
$(".demo").click(function(){
$(this).hide(200);
});
```

**Mouse**

scroll, click, dblclick, mousedown, mouseup, mousemove, mouseover, mouseout, mouseenter, mouseleave, load, resize, scroll, unload, error

**Keyboard**

keydown, keypress, keyup

**Form**

submit, change, focus, blur

**DOM Element**

blur, focus, focusin, focusout, change, select, submit

**Browser**

load, resize, scroll, unload, error

**.bind()**

```
$(document).ready(function() {           // attach a ha
$('#demo').bind('blur', function(e) {
        //dom event fired
});
});
```

## Effects

**Hide / Show**

```
$("#demo").hide();        // sets to display: none
$("#demo").show(200);     // shows hidden elemnt with animat
$("#demo").toggle();      // toggle between show and hide

$( "#element" ).hide( "slow", function() {  // hide with c
console.log( "Animation complete." );
});
```

**Fade**

fadeIn, fadeOut, fadeToggle, fadeTo

```
$("#demo").fadeIn();            // fade in a hidden el
$("#demo").fadeOut(300);        // fade out
$("#demo").fadeToggle("slow");  // toggle between fade
$("#demo").fadeTo("slow", 0.25);  // fades to 0.25 opaci
```

**Slide**

slideDown, slideUp, slideToggle

```
$("#demo").slideDown("slow");
$("#demo").slideUp("slow");
$("#demo").slideToggle();
```

**Animate**

```
$(selector).animate({params},speed,callback);
$("div").animate({
opacity: '0.5',
left: '200px',
height: '200px'
});
```

**stop() Method**

```
$("#demo").stop();

$('#demo').mouseleave(function(event) {   // hover end
$('.tab').stop().animate({                // stop() method
        opacity : '0.5',
        marginTop: '10px'
}, 500, function() {                  // animation compl
        $('#demo').removeClass('hovered');  // callback fu
});
});

$('#demo').mouseover(function(event) {   // hover begin
$('.tab').stop().animate({               // stop() method
        opacity : '1',
        marginTop: '0px'
}, 300, function() {                  // animation compl
        $('#demo').addClass('hovered');     // callback fu
});
});
```

**Chaining**

```
$("#demo").css("backgroundColor", "green").slideUp(500).sl
```

## Basics

**Include**

Download

```
<script src="https://code.jquery.com/jquery-latest.min.js"
<script src="https://ajax.googleapis.com/ajax/libs/jquery/
```

**Syntax**

```
$(document).ready(function(){
$(".demo").click(function(){
        $(this).hide(200);
});
});
$(function(){
// Short Document Ready
});
```

**Each**

```
$(".demo").each(function() {            // parse each
document.write($(this).text() + "\n");  // output their te
});
```

**Trigger**

```
$("a#mylink").trigger("click"); // triggers event on an el
```

**noConflict**

```
var jq = $.noConflict();            // avoid conflict with
jq(document).ready(function(){
jq("#demo").text("Hello World!");
});
```

## DOM Manipulation

**Content**

```
$("#demo").text();                 // returns text conten
$("#demo").html();                 // returns content, in
$("#demo").val();                  // returns field value
$("#demo").html('Hey <em>yo</em>'); // sets HTML content
```

**Attributes**

```
$("#link").attr("href");            // get an attr
$("#link").attr("href",'https://htmlg.com'); // set attrib
$("#link").attr({
"href" : "https://htmlg.com",       // setting multip
"title" : "HTML Editor"
});
$("#link").attr("href", function(i, origValue){
return origValue + "/help";         // callback functi
});
```

**Add**

```
$(".demo").prepend("Yo!");          // adds content at the
$(".demo").append("<em>Hey!</em>"); // adds content at the
$(".demo").before("Cheers");        // adds content before
$(".demo").after("<em>Peace</em>"); // adds content after
```

**Remove**

```
$("#demo").remove();               // removes the selected el
$("#demo").empty();                // removes children
$("div").remove(".cl1, .cl2");     // removes divs with the l
```

**Classes**

```
$("#demo").addClass("big red"); // add class
$("h1, p").removeClass("red");  // remove class
$("#demo").toggleClass("big");  // toggle between adding a
```

**CSS**

```
$("#demo").css("background-color");     // returns CSS val
$("#demo").css("color", "blue");        // sets CSS rule
$("#demo").css({"color": "blue", "font-size": "20px"}); //
```

**Dimensions**

width, height, innerWidth, innerHeight, outerWidth, outerHeight
*inner - includes padding*
*outer - includes padding and border*

## Ajax

```
$("#demo").load("file.txt h1.main");
$("#demo").load("file.txt", function(responseTxt, statusTx
if(statusTxt == "success") {
        document.write("Content loaded successfully!");
} else {
        document.write("Error: " + xhr.status + ": " + xhr
}
});
```

**$.get()**

```
$.get("demo.asp", function(data, status){     //$.get(UR
document.write("Data: " + data + "\nStatus: " + status);
});
```

**$.post()**

```
$.post("demo.asp",      // send HTTP POST request to a pag
{
name: "John",          // send data
age: 30
},
function(data, status){ //retreive response
console.log("Data: " + data + "\nStatus: " + status);
});
```

## Useful Links

jQuery    jQuery UI    JS cleaner
JS Obfuscator    Articles    Can I use?

## Selectors

```
$("*")                   // all elements
$("p.demo")              // <p> elements with class="in
$("p:first")             // the first <p> element
$("p span")              // span, descendant of p
$("p > span")            // span, direct child of p
$("p + span")            // span immediately proceeded
$("p ~ span")            // strong element proceeded by
$("ul li:first")         // the first <li> element of t
$("ul li:first-child")   // the first <li> element of e
$("ul li:nth-child(3)")  // third child
$("[href]")              // any element with an href at
$("a[target='_blank']")  // <a> elements with a target
$("a[target!='_blank']") // <a> elements with a target
$(":input")              // all form elements
$(":button")             // <button> and <input> elemen
$("tr:even")             // even <tr> elements
$("tr:odd")              // odd <tr> elements
$("span:parent")         // element which has child ele
$("span:contains('demo')")  // element conaining the speci
```

**Actions**

```
$(selector).action()
$(this).hide()         // the current element
$("div").hide()        // all <div> elements
$(".demo").hide()      // all elements with class="demo"
$("#demo").hide()      // the element with id="demo"
```
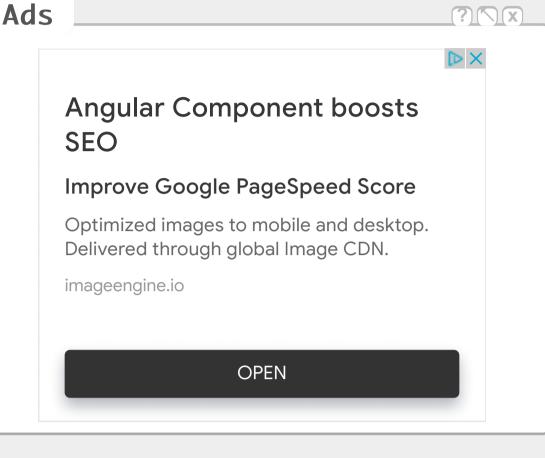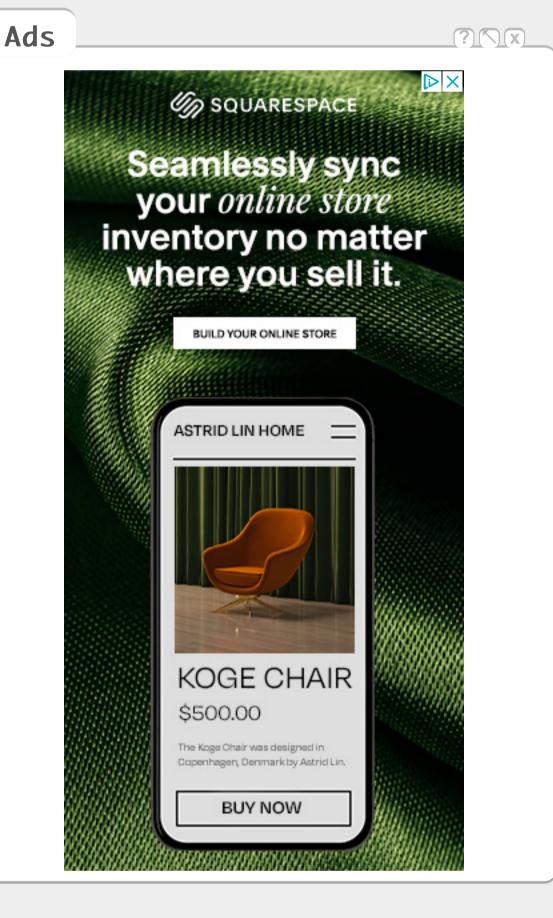
## Traversing

```
$("#demo").parent();             // accessing direct pa
$("span").parent().hide();       // changing parent col
$("#demo").parents();            // all ancestors of th
$("#demo").parentsUntil("#demo2"); // all ancestors betwe
$("#demo").children();           // all direct children
$("#demo").children(".first");   // all direct children
$("#demo").find("span");         // all span elements i
$("#demo").find("*");            // all descendants
$("#demo").siblings("span");     // span siblings of #d
$("#demo").next();               // the next sibling
$("p").nextAll();                // all next siblings
$("#demo").nextUntil("#demo2");  // siblings between tw
$("#demo").prev();               // the previous siblin
$("p").prevAll();                // all previous siblin
$("#demo").prevUntil("#demo2");  // previous siblings b
```

**Filtering**

```
$("span strong").first();   // first strong in first span
$("span strong").last();    // last strong in last span
$("div").eq(9);             // element with a specific ind
$("div").filter(".big");    // all div elements with .big
$("div").not(".big");       // opposite of filter
```

### Online jQuery Cheat Sheet

**jQuery Cheat Sheet will help you create the code for animations, various effects and other features for your website. Find the most common code snippets on a single page.**

Hide the green comments with the link in the top right corner of the site. Click the code snippets to highlight then copy-paste them in your project!

- **Basics** – Introduction to jQuery syntax through commonly used code examles. Learn how to include jQuery in your HTML code.
- **Selector** – Similar to how we target CSS elements in the style sheets, we use selectors.
- **Events** – Just like we have JavaScript events, we can set up listeners with jQuery.
- **Effects** – Learn how to animate the HTML elements. Make them fade, slide or set up any other effect with custom CSS properties.
- **Dom Manipulation** – It's easy to get and edit the content of a Document Object Model item.
- **Traversing** – The way of targeting elements based on their hierarchy in the code. Imagine that the source of the page is a family tree where you can work with parents, children, siblings etc.
- **Ajax** – Exchange data with the server to dynamically update parts of the page.
- **Links** – Useful links and online tools to work with jQuery.

Make sure you save this link to help your next project.