

## Selectors

```

$("*" ) // all elements
$("p.demo") // <p> elements with class demo
$("p:first") // the first <p> element
$("p span") // span, descendant of p
$("p > span") // span, direct child of p
$("p + span") // span immediately preceding p
$("p ~ span") // strong element preceding p
$("ul li:first") // the first <li> element
$("ul li:first-child") // the first <li> element
$("ul li:nth-child(3)") // third child
$("[href]") // any element with an href attribute
$("a[target='_blank']") // <a> elements with a target attribute
$("a[target!='_blank']") // <a> elements with a target attribute
$(":input") // all form elements
$(":button") // <button> and <input type="button">
$("tr:even") // even <tr> elements
$("tr:odd") // odd <tr> elements
$("span:parent") // element which has children
$("span:contains('demo'))" // element containing the text 'demo'

```

### 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"

```

## 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
    $("#demo").bind('blur', function(e) { // dom event fired
        // ...
    });
});

```

## Effects

## Basics

### Include

#### Download

```

<script src="https://code.jquery.com/jquery-latest.js">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js">

```

### Syntax

```

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

```

### Each

```

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

```

### Trigger

```

$("#mylink").trigger("click"); // triggers event

```

### noConflict

```

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

```

## DOM Manipulation

### Content

```

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

```

### Attributes

```

$("#link").attr("href"); // get attribute
$("#link").attr("href", 'https://htmlg.com'); // set attribute
$("#link").attr({
    "href" : "https://htmlg.com", // set attribute
    "title" : "HTML Editor"
});
$("#link").attr("href", function(i, origValue){
    return origValue + "/help"; // calculate attribute
});

```

### Add

```

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

```

### Remove

```

$("#demo").remove(); // removes the selected element
$("#demo").empty(); // removes child elements
$("#div").remove(".c11, .c12"); // removes divs with class

```

## Hide / Show

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

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

## Fade

```
fadeIn, fadeOut, fadeToggle, fadeTo
$("#demo").fadeIn(); // fade in a hic
$("#demo").fadeOut(300); // fade out
$("#demo").fadeToggle("slow"); // toggle betwee
$("#demo").fadeTo("slow", 0.25); // fades to 0.2!
```

## Slide

```
slideDown, slideUp, slideToggle
$("#demo").slideDown();
$("#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
  $('.tab').stop().animate({ // stop
    opacity : '0.5',
    marginTop: '10px'
  }, 500, function() { // anim:
    $('#demo').removeClass('hovered'); // call
  });
});

$('#demo').mouseover(function(event) { // hover
  $('.tab').stop().animate({ // stop
    opacity : '1',
    marginTop: '0px'
  }, 300, function() { // anim:
    $('#demo').addClass('hovered'); // call
  });
});
```

## Chaining

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

## Useful Links

|                            |                               |
|----------------------------|-------------------------------|
| <a href="#">jQuery</a>     | <a href="#">jQuery UI</a>     |
| <a href="#">JS cleaner</a> | <a href="#">JS Obfuscator</a> |
| <a href="#">Articles</a>   | <a href="#">Can I use?</a>    |

## Classes

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

## CSS

```
$("#demo").css("background-color"); // return:
$("#demo").css("color", "blue"); // sets C
$("#demo").css({"color": "blue", "font-size": "20p
```

## Dimensions

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

## Traversing

```
$("#demo").parent(); // accessing c
$("#span").parent().hide(); // changing p
$("#demo").parents(); // all ancesto
$("#demo").parentsUntil("#demo2"); // all ancesto
$("#demo").children(); // all direct
$("#demo").children(".first"); // all direct
$("#demo").find("span"); // all span e
$("#demo").find("*"); // all descen
$("#demo").siblings("span"); // span sibli
$("#demo").next(); // the next s:
$("p").nextAll(); // all next s:
$("#demo").nextUntil("#demo2"); // siblings be
$("#demo").prev(); // the previou
$("p").prevAll(); // all previou
$("#demo").prevUntil("#demo2"); // previous s:
```

## Filtering

```
$("#span strong").first(); // first strong in fil
$("#span strong").last(); // last strong in last
$("#div").eq(9); // element with a spec
$("#div").filter(".big"); // all div elements w:
$("#div").not(".big"); // opposite of filter
```

## Ajax

```
$("#demo").load("file.txt h1.main");
```

## \$.get()

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

## \$.post()

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