JavaScript Cheat Sheet

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Value Types

Number	Any numeric value
String	Characters inside quote marks
Boolean	True or False
Null	Empty and meaningless
Object	Any value associated with the object
Function	Value returned by a function

Operators

x + y (numeric)	Adds x and y together
x + y (string)	Concatinates x and y together
x - y	Subtracts y from x
x * y	Multiplies x and y together
x / y	Divides x by y
x % y	Modulus: The remainder when x is divided by y
x++, ++x	Adds one to x
x--, --x	Subtracts one from x
-x	Reverses the sign on x

Assignments

x = y	Sets x to the value of y
x += y	Same as x = x + y
x -= y	Same as x = x - y
x *= y	Same as x = x * y
x /= y	Same as x = x / y
x %= y	Same as x = x % y

Adding to an array

.length property	Adds one value to the end of an array
push()	Adds one or more items to the end of an array
unshift()	Adds one or more items to the beginning of an array.

Misc

parseInt()	Takes a value and tries to convert it to an integer
isNaN()	Returns true if something is not a number.
setTimeout()	Specify that am action should occur on a particular schedule
Math.floor	Rounds a number down
Math.random	Generaters a random number between 0 and 1
getElementsByTagName()	
getElementById()	
getElementsByClassName()	
element.innerHTML	returns all the HTML between the opening and closing tags
element.nodeType	property, returns the number of the node type
element.childNodes	A node list of child nodes that are indexed numerically, and appear in source order.
element.childNodes.length	Returns the number of child nodes of the element

Event Handlers

onabort	The user aborted loading the page
onblur	The user left the object
onchange	The user changed the object
onclick	The user clicked an object
onerror	The script encountered an error
onfocus	The user made an object active
onload	The object finished loading
onmouseover	The cursor moved over an object

Event Handlers (cont)

onmouseout	The cursor moved off an object
onselect	The user selected the contents of an object
onsubmit	The user submitted a form
onunload	The user left the page
onmove	The window is moved
onmousedown	A mouse button is pressed down
onmouseup	A mouse button is released
onmousemove	The mouse moves
ondblclick	A double click of a mouse button
onclick	A single click (down and then up) of a mouse button
onreset	A reset button is clicked on a form
onkeydown	Triggered when a key is pressed down
onkeyup	Triggered when a key is released
onkeypress	Triggered when a key is pressed and then released

Comparisons

x == y	Returns true if x and y are equal
x === y	Returns true if x and y are identical
x != y	Returns true if x and y are not equal
x !== y	Returns true if x and y are not identical
x > y	Returns true if x is greater than y
x >= y	Returns true if x is greater than or equal to y

Comparisons (cont)

x < y	Returns true if x is less than y
x <= y	Returns true if x is less than or equal to y
x && y	Returns true if both x and y are true
x || y	Returns true if either x or y are true
!x	Returns true if x is false

Remove item from an array

pop()	Removes the last item from the array
shift()	Removes the first item from the array

jQuery - Adding and removing content to a page

.html()	Retrieve or replaces the HTML inside the selection
.text()	Works like .html() but does not accept HTML tags
.append()	Adds HTML as the last child element of the selected element
.prepend()	Like .append(), but adds HTML directly after the opening tag for the selection
.before()	Add HTML outside of a selection, just before the selected element
.after()	Add HTML outside of a selection, just after the selected element
.remove()	Completely remove a selected element
.replaceWith()	Completely replace selected element

jQuery - other

.addClass	Adds a specified class to an element
.removeClass	Removes a specified class from an element
.toggleClass()	Add a class if it doesn't already exist, or remove the class if it does
.css()	Lets you directly read or change CSS properties of an element
.attr()	Reads a specified HTML attribute from a tag. Sets the specified HTML attribute if a second argument is passed.
.removeAttr()	Completely removes an attribute from a tag.
.each()	To loop through selection of elements with your own anonymous function.

jQuery Filters

:even and :odd	Selects every other element in a group
:first and :last	Selects the first or the last element in a group
:not()	to find elements that don't match a particular selctor type
:has()	finds elements that contain another selector
:contains()	Finds elements that contain specific text
:hidden	Locates elements that are hidden
:visible	Locates elements that are visible