

JavaScript Cheat Sheet

by DaveChild

JavaScript methods and functions, a guide to regular expressions and the XMLHttpRequest object.

Regular Expressions Syntax

<code>^</code>	Start of string
<code>\$</code>	End of string
<code>.</code>	Any single character
<code>(a b)</code>	a or b
<code>(...)</code>	Group section
<code>[abc]</code>	In range (a, b or c)
<code>[^abc]</code>	Not in range
<code>\s</code>	White space
<code>a?</code>	Zero or one of a
<code>a*</code>	Zero or more of a
<code>a*?</code>	Zero or more, ungreedy
<code>a+</code>	One or more of a
<code>a+?</code>	One or more, ungreedy
<code>a{3}</code>	Exactly 3 of a
<code>a{3,}</code>	3 or more of a
<code>a{,6}</code>	Up to 6 of a
<code>a{3,6}</code>	3 to 6 of a
<code>a{3,6}?</code>	3 to 6 of a, ungreedy
<code>\</code>	Escape character
<code>[:punct:]</code>	Any punctuation symbol
<code>[:space:]</code>	Any space character
<code>[:blank:]</code>	Space or tab

There's an excellent regular expression tester at: <http://regexpal.com/>

Pattern Modifiers

g	Global match
i *	Case-insensitive
m *	Multiple lines
s *	Treat string as single line
x *	Allow comments and whitespace in pattern
e *	Evaluate replacement
U *	Ungreedy pattern

* PCRE modifier

JavaScript RegExp Object

compile()	lastParen
exec()	leftContext
global	multiline
ignoreCase	rightContext
input	source
lastIndex	test()
lastMatch	

JavaScript Event Handlers

onabort	onmousedown
onblur	onmousemove
onchange	onmouseout
onclick	onmouseover
ondblclick	onmouseup
ondragdrop	onmove
onerror	onreset
onfocus	onresize
onkeydown	onselect
onkeypress	onsubmit
onkeyup	onunload
onload	

JavaScript Arrays

concat()	slice()
join()	sort()
length	splice()
pop()	toSource()
push()	toString()
reverse()	unshift()
shift()	valueOf()

JavaScript Numbers and Maths

abs()	min()
acos()	NEGATIVE_INFINITY
asin()	PI
atan()	POSITIVE_INFINITY
atan2()	pow()
ceil()	random()
cos()	round()
E	sin()
exp()	sqrt()
floor()	SQRT1_2
LN10	SQRT2
LN2	tan()
log()	toSource()
LOG10E	toExponential()
LOG2E	toFixed()
max()	toPrecision()
MAX_VALUE	toString()
MIN_VALUE	valueOf()
NaN	

JavaScript Booleans

toSource()	valueOf()
toString()	

JavaScript Dates

Date()	setMonth()
getDate()	setFullYear()
getDay()	setHours()
getMonth	setMinutes()
getFullYear	setSeconds()
getYear	setMilliseconds()
getHours	setTime()
getMinutes	setUTCDate()
getSeconds	setUTCDay()
getMilliseconds	setUTCMonth()
getTime	setUTCFullYear()
getTimezoneOffset()	setUTCHours()
getUTCDate()	setUTCMinutes()
getUTCDay()	setUTCSeconds()
getUTCMonth()	setUTCMilliseconds()
getUTCFullYear()	toSource()
getUTCHours()	toString()
getUTCMinutes()	toGMTString()
getUTCSeconds()	toUTCString()
getUTCMilliseconds()	toLocaleString()
parse()	UTC()
setDate()	valueOf()

JavaScript Strings

charAt()	slice()
charCodeAt()	split() x
concat()	substr()
fromCharCode()	substring()
indexOf()	toLowerCase()
lastIndexOf()	toUpperCase()
length	toLocaleLowerCase()
localeCompare()	toLocaleUpperCase()
match() x	toSource()
replace() x	valueOf()
search() x	

String object methods with an x support regular expressions.

JavaScript Functions

decodeURI()	isNaN()
decodeURIComponent()	Number()
encodeURI()	parseFloat()
encodeURIComponent()	parseInt()
escape()	String()
eval()	unescape()
isFinite()	

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Regular Expressions Syntax	Pattern Modifiers (cont)	JavaScript Arrays
^ Start of string	x * Allow comments and whitespace in pattern	concat() slice()
\$ End of string	e * Evaluate replacement	join() sort()
. Any single character	U * Ungreedy pattern	length splice()
(a b) a or b	* PCRE modifier	pop() toSource()
(...) Group section		push() toString()
[a-b] In range (a, b or c)		reverse() unshift()
[^a-b] Not in range		shift() valueOf()
	JavaScript RegExp Object	

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Piotrek [20:16 28 Feb 12](#)

Where's typof() ?

pdf isjunk 15:22 6 Aug 12

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Murali Prashanth N 08:42 16 Feb 13

Thnx...dave

???????????????? 08:43 16 Feb 13

Wheres alert() and prompt()?

Dave Lampton 17:16 26 Mar 13

The event handlers should be all lowercase.

santsoh suryawanshi 17:44 17 Feb 14

these PDF make easy to create web site ,present and validate as well.
there is no need to open any book or google for any tag.
Thnk you dave.

Er1c Nevertells [19:45 31 Oct 14](#)

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[DaveChild](#), [19:47 31 Oct 14](#)

I published the first version of this cheat sheet on ILoveJackDaniels.com in 2005. I don't think there were many others around then, if any. It's been through a few changes in that time, of course, but it's basically the same.

James [17:35 19 Oct 15](#)

Thanks Dave, with all the criticism and few thanks its a wonder people try to help each other. Good work.

pppandit [17:35 19 Oct 15](#)

very good

Michael Pohoreski [16:09 16 Sep 16](#)

Good starting point but still has a few errors (as of Jan 2016) :-/

1. Dates are not alphabetized. i.e. `getYear`, `getSeconds`, are out of order
2. Dates functions are missing parenthesis. i.e. `getYear()`
3. Missing `Date.now()`

[elbeji](#), [15:43 7 Dec 20](#)

thanks a lot

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Sheet

Still work in progress, comments

welcome.inspired by

[http://blog.hawkhost.com/2010/06/28/tmux-](http://blog.hawkhost.com/2010/06/28/tmux-the-terminal-multiplexer/also)

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interesting:

<https://github.com/aziz/tmuxinator>



[bechtold](#)

 8 Jul 13, updated 12 May 16

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[tmux](#) and 2 more ...

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