

ملخص مختصر للغة جاافاسكريبت



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إعلان المتغيرات

VAR = GLOBAL SCOPE

◀ LET = BLOCK SCOPE ▶

CONST = BLOCK SCOPE
AND CONSTANT





التعبيرات العادية

Regular Expressions

<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





معالجات الأحداث والمصفوفة

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

Arrays

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





أرقام الرياضيات والمنطقية

Numbers and math

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

Booleans

toSource()
valueOf()
toString()





تواريخ

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()





السلاسل النصية

Strings

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





الدوال

Functions

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





معدلات الأنماط وكائنات

regex

Pattern modifiers

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

RegExp object

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

