

## Methods

### Object

toString  
toLocaleString  
valueOf  
hasOwnProperty  
isPrototypeOf  
propertyIsEnumerable

### String

charAt  
charCodeAt  
fromCharCode  
concat  
indexOf  
lastIndexOf  
localeCompare  
match  
replace  
search  
slice  
split  
substring  
substr  
toLowerCase  
toUpperCase  
toLocaleLowerCase  
toLocaleUpperCase

### RegExp

test  
match  
exec

### Array

concat  
join  
push  
pop  
reverse  
shift  
slice  
sort  
splice  
unshift

### Number

toFixed  
toExponential  
toPrecision

### Date

parse  
toDate  
toISOString  
getDate  
getDay  
getFullYear  
getHours  
getMilliseconds  
getMinutes  
getMonth  
getSeconds  
getTime  
getTimezoneOffset  
getYear  
setDate  
setHours  
setMilliseconds  
setMinutes  
setMonth  
setSeconds  
setYear  
toLocaleTimeString

# JavaScript

## XMLHttpRequest

### Safari, Mozilla, Opera:

```
var req = new XMLHttpRequest();
```

### Internet Explorer:

```
var req = new  
ActiveXObject("Microsoft.XMLHTTP");
```

## XMLHttpRequest Object Methods

```
abort()  
getAllResponseHeaders()  
getResponseHeader(header)  
open(method, URL)  
send(body)  
setRequestHeader(header, value)
```

## XMLHttpRequest Object Properties

```
onreadystatechange  
readyState  
responseText  
responseXML  
status  
statusText
```

## XMLHttpRequest readyState Values

0	Uninitiated
1	Loading
2	Loaded
3	Interactive
4	Complete

## JAVASCRIPT IN HTML

### External JavaScript File

```
<script type="text/javascript"  
src="javascript.js"></script>
```

### Inline JavaScript

```
<script type="text/javascript">  
<!--  
    // JavaScript Here  
//-->  
</script>
```

## Functions

### Window

alert  
blur  
clearTimeout  
close  
focus  
open  
print  
setTimeout

### Built In

eval  
parseInt  
parseFloat  
isNaN  
isFinite  
decodeURI  
decodeURIComponent  
encodeURIComponent  
encodeURIComponent  
escape  
unescape

## REGULAR EXPRESSIONS - FORMAT

Regular expressions in JavaScript take the form:

```
var RegEx = /pattern/modifiers;
```

## REGULAR EXPRESSIONS - MODIFIERS

/g	Global matching
/i	Case insensitive
/s	Single line mode
/m	Multi line mode

## REGULAR EXPRESSIONS - PATTERNS

^	Start of string
\$	End of string
.	Any single character
(a b)	a or b
(...)	Group section
[abc]	Item in range (a or b or c)
[^abc]	Not in range (not a or b or c)
a?	Zero or one of a
a*	Zero or more of a
a+	One or more of a
a{3}	Exactly 3 of a
a{3,}	3 or more of a
a{3,6}	Between 3 and 6 of a
!(pattern)	"Not" prefix. Apply rule when URL does not match pattern.

## EVENT HANDLERS

onAbort	onMouseDown
onBlur	onMouseMove
onChange	onMouseOut
onClick	onMouseOver
onDbClick	onMouseUp
onDragDrop	onMove
onError	onReset
onFocus	onResize
onKeyDown	onSelect
onKeyPress	onSubmit
onKeyUp	onUnload
onLoad	

## FUNCTIONS AND METHODS

A method is a type of function, associated with an object. A normal function is not associated with an object.

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## DOM Methods

### Document

clear  
createDocument  
createDocumentFragment  
createElement  
createEvent  
createEventObject  
createRange  
createTextNode  
getElementsByTagName  
getElementById  
write

### Node

addEventListener  
appendChild  
attachEvent  
cloneNode  
createTextRange  
detachEvent  
dispatchEvent  
fireEvent  
getAttributeNS  
getAttributeNode  
hasChildNodes  
hasAttribute  
hasAttributes  
insertBefore  
removeChild  
removeEventListener  
replaceChild  
scrollIntoView

### Form

submit

### DOM Collections

item

### Range

collapse  
createContextualFragment  
moveEnd  
moveStart  
parentElement  
select  
setStartBefore

### Style

getPropertyValue  
setProperty

### Event

initEvent  
preventDefault  
stopPropagation

### XMLSerializer

serializeToString

### XMLHTTP

open  
send

### XMLDOM

loadXML

### DOMParser

parseFromString