

## 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  
toString  
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
```