

## 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  
toDateString  
toTimeString  
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  
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.

## 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
```

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