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JavaScript *for...in* loop

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The **for...in** loop is used to loop through an object's properties. As we have not discussed Objects yet, you may not feel comfortable with this loop. But once you understand how objects behave in JavaScript, you will find this loop very useful.

Syntax

for (variablename in object){

statement or block to execute

}

In each iteration, one property from **object** is assigned to **variablename** and this loop continues till all the properties of the object are exhausted.

Example

Try the following example to implement ‘for-in’ loop. It prints the web browser’s **Navigator**object.

<html>

<body>

<script type="text/javascript">

<!--

var aProperty;

document.write("Navigator Object Properties<br /> ");

for (aProperty in navigator) {

document.write(aProperty);

document.write("<br />");

}

document.write ("Exiting from the loop!");

//-->

</script>

<p>Set the variable to different object and then try...</p>

</body>

</html>

Output

Navigator Object Properties

serviceWorker

webkitPersistentStorage

webkitTemporaryStorage

geolocation

doNotTrack

onLine

languages

language

userAgent

product

platform

appVersion

appName

appCodeName

hardwareConcurrency

maxTouchPoints

vendorSub

vendor

productSub

cookieEnabled

mimeTypes

plugins

javaEnabled

getStorageUpdates

getGamepads

webkitGetUserMedia

vibrate

getBattery

sendBeacon

registerProtocolHandler

unregisterProtocolHandler

Exiting from the loop!

Set the variable to different object and then try...

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