

JAVASCRIPT FOR...IN LOOP

http://www.tutorialspoint.com/javascript/javascript_forin_loop.htm

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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...
```