



JavaScript Window Navigator

[< Previous](#)[Next >](#)

The `window.navigator` object contains information about the visitor's browser.

Window Navigator

The **window.navigator** object can be written without the window prefix.

Some examples:

- `navigator.appName`
- `navigator.appCodeName`
- `navigator.platform`

Browser Cookies

The **cookieEnabled** property returns true if cookies are enabled, otherwise false:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML =
"cookiesEnabled is " + navigator.cookieEnabled;
</script>
```

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Browser Application Name

The **appName** property returns the application name of the browser:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML =
"navigator.appName is " + navigator.appName;
</script>
```

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Strange enough, "Netscape" is the application name for both IE11, Chrome, Firefox, and Safari.



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Browser Application Code Name

The **appName** property returns the application code name of the browser:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML =
"navigator.appCodeName is " + navigator.appCodeName;
</script>
```

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"Mozilla" is the application code name for both Chrome, Firefox, IE, Safari, and Opera.

The Browser Engine

The **product** property returns the product name of the browser engine:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML =
"navigator.product is " + navigator.product;
</script>
```

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Do not rely on this. Most browsers returns "Gecko" as product name !!

The Browser Version

The **appVersion** property returns version information about the browser:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.appVersion;
</script>
```

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The Browser Agent

The **userAgent** property returns the user-agent header sent by the browser to the server:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.userAgent;
</script>
```

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Warning !!!

The information from the navigator object can often be misleading, and should not be used to detect browser versions because:

- Different browsers can use the same name
- The navigator data can be changed by the browser owner
- Some browsers misidentify themselves to bypass site tests
- Browsers cannot report new operating systems, released later than the browser

The Browser Platform

The **platform** property returns the browser platform (operating system):

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.platform;
</script>
```

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The Browser Language

The **language** property returns the browser's language:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.language;
</script>
```

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Is The Browser Online?

The **onLine** property returns true if the browser is online:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.onLine;
</script>
```

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Is Java Enabled?

The **javaEnabled()** method returns true if Java is enabled:

Example

```
<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = navigator.javaEnabled();
</script>
```

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