



Website Templates



JavaScript Window Location

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The `window.location` object can be used to get the current page address (URL) and to redirect the browser to a new page.

Window Location

The **`window.location`** object can be written without the window prefix.

Some examples:

- `window.location.href` returns the href (URL) of the current page
- `window.location.hostname` returns the domain name of the web host
- `window.location.pathname` returns the path and filename of the current page
- `window.location.protocol` returns the web protocol used (http: or https:)
- `window.location.assign` loads a new document

Window Location Href

The **`window.location.href`** property returns the URL of the current page.

Example

Display the href (URL) of the current page:

```
document.getElementById("demo").innerHTML =  
"Page location is " + window.location.href;
```

Result is:

```
Page location is https://www.w3schools.com/js/js_window_location.asp
```

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Window Location Hostname

The **window.location.hostname** property returns the name of the internet host (of the current page).

Example

Display the name of the host:

```
document.getElementById("demo").innerHTML =  
"Page hostname is " + window.location.hostname;
```

Result is:

```
Page hostname is www.w3schools.com
```

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Window Location Pathname

The **window.location.pathname** property returns the pathname of the current page.

Example

Display the path name of the current URL:

```
document.getElementById("demo").innerHTML =  
"Page path is " + window.location.pathname;
```

Result is:

```
/js/js_window_location.asp
```

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Window Location Protocol

The **window.location.protocol** property returns the web protocol of the page.

Example

Display the web protocol:

```
document.getElementById("demo").innerHTML =  
"Page protocol is " + window.location.protocol;
```

Result is:

Page protocol is https:

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Window Location Port

The **window.location.port** property returns the number of the internet host port (of the current page).

Example

Display the name of the host:

```
document.getElementById("demo").innerHTML =  
"Port number is " + window.location.port;
```

Result is:

Port name is

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Most browsers will not display default port numbers (80 for http and 443 for https)

Window Location Assign

The **window.location.assign()** method loads a new document.

Example

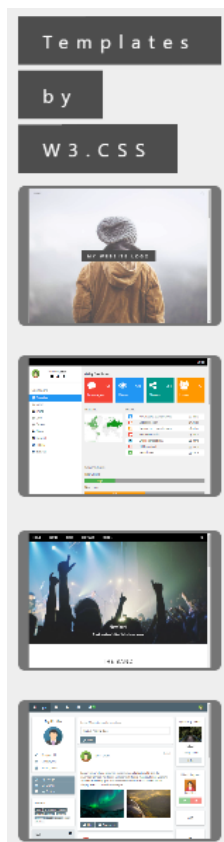
Load a new document:

```
<html>  
<head>  
<script>  
function newDoc() {  
    window.location.assign("https://www.w3schools.com")  
}  
</script>
```

```
</head>
<body>

<input type="button" value="Load new document" onclick="newDoc()">

</body>
</html>
```

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