

# JavaScript Use Strict

- description : JavaScript Use Strict
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## Source of the article

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"use strict"; JavaScript 가 "strict mode"

## The "use strict" Directive

"use strict" ECMAScript 5 가 . statement가 JavaScript \_\_\_\_\_(literal expression) .

"use strict" 가 "strict mode" . , strict mode .

Internet Explorer 9 "use strict" . strict mode . , .

"use strict" (string) , IE 9 가 .

## Declaring Strict Mode

"use strict" 가 , Strict . , \_\_\_\_\_(global scope) 가 .( strict mode ).

```
<!DOCTYPE html>
```

```
<html>
</head>
<body>
  <h2>With "use strict"</h2>
  <h3>Using a variable without declaring it is not allowed.</h3>
  <p>Activate debugging in your browser (F12) to see the error report.</p>
  <script>
    "use strict";
    x = 3.14; // This will cause an error (x is not defined).
  </script>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
</head>
<body>
  <h2>Global "use strict" declaration.</h2>
  <p>Activate debugging in your browser (F12) to see the error report.</p>
  <script>
    "use strict";
    myFunction();
    function myFunction() {
      y = 3.14; // This will cause an error (y is not defined)
    }
  </script>
</body>
</html>
```

local scope 가 .( strict mode ):

```
<!DOCTYPE html>
<html>
</head>
<body>
  <p>"use strict" in a function will only cause errors in that function.</p>
  <p>Activate debugging in your browser (F12) to see the error report.</p>
  <script>
    x = 3.14; // This will not cause an error.
    myFunction();
    function myFunction() {
      "use strict";
      y = 3.14; // This will cause an error (y is not defined).
    }
  </script>
</body>
</html>
```

```

    }
  </script>
</body>
</html>

```

## The "use strict"; Syntax

```

strict mode
JavaScript
JavaScript (4 + 5;) ("John Doe");
"use strict";

```

## Why Strict Mode?

```

Strict mode " (secure)" JavaScript
Strict mode " "
strict mode , JavaScript (global variable)가
가
JavaScript 가 (non-writable properties)
strict mode , 가 , getter ,

```

## Not Allowed in Strict Mode

```

"use strict";
x = 3.14; // This will cause an error.

```

```

"use strict";
x = {p1:10, p2:20}; // This will cause an error (x is not defined).

```

( )

```
"use strict";
var x = 3.14;
delete x; // This will cause an error
```

```
"use strict";
function x(p1, p2) {};
delete x; // This will cause an error
```

(parameter)

```
"use strict";
function x(p1, p1) {}; // This will cause an error
```

8 \_\_\_\_\_ (Octal numeric literals)

```
"use strict";
var x = 010; // This will cause an error
```

8 \_\_\_\_\_ (Octal escape characters)

```
"use strict";
var x = "\010";
```

\_\_\_\_\_ (read-only property)

```
"use strict";
var obj = {};
Object.defineProperty(obj, "x", {value:0, writable:false});
obj.x = 3.14; // This will cause an error
```

가 \_\_\_\_\_ (get-only property)

```
"use strict";
var obj = {get x() {return 0} };
obj.x = 3.14; // This will cause an error
```

\_\_\_\_\_ (undeletable property)

```
"use strict";
delete Object.prototype; // This will casue an error
```

eval

```
"use strict";
var eval = 3.14; // This will cause an error
```

arguments

```
"use strict";
var arguments = 3.14; // This will cause an error
```

with

```
"use strict";
with (Math) {x = cos(2)}; // This will cause an error
```

eval()

```
"use strict";
eval ("var x = 2");
alert (x); // This will cause an error
```

this strict mode

this

(window), strict mode undefined,

```
"use strict";
function myFunction() {
  alert(this); // will alert "undefined"
}
myFunction();
```

## Future Proof!

JavaScript strict mode

- implements
- interface

- let
- package
- private
- protected
- public
- static
- yield

```
"use strict";  
var public = 1500; // This will cause an error
```

## Watch Out!

“use strict”

„ Javascript, Use, Strict

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