




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 Java


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


 Text


 TypeScript

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 VB.NET

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 XML



## JavaScript static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your JAVASCRIPT code

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Object literal shorthand syntax should be used

Code Smell

Strings and non-strings should not be added

Code Smell

Object literal syntax should be used

Code Smell

"undefined" should not be assigned

Code Smell

Trailing commas should not be used

Code Smell

Array constructors should not be used

Code Smell

Quotes for string literals should be used consistently

Code Smell

Statements should end with semicolons

Code Smell

Comments should not be located at the end of lines of code

Code Smell

Loops should not contain more than a single "break" or "continue" statement

Code Smell

Variable, property and parameter names should comply with a naming convention

Code Smell

Lines should not end with trailing whitespaces

Code Smell

### Variables and functions should not be declared in the global scope

Analyze your code

Code SmellMajor ?

Any variable or function declared in the global scope implicitly becomes attached to the global object (the window object in a browser environment). To make it explicit this variable or function should be a property of window. When it is meant to be used just locally, it should be declared with the `const` or `let` keywords (since ECMAScript 2015) or within an Immediately-Invoked Function Expression (IIFE).

This rule should not be activated when modules are used.

Noncompliant Code Example

```
var myVar = 42;           // Noncompliant
function myFunc() { }    // Noncompliant
```

Compliant Solution

```
window.myVar = 42;
window.myFunc = function() { };
```

or

```
let myVar = 42;
let myFunc = function() { }
```

or

```
// IIFE
(function() {
  var myVar = 42;
  function myFunc() { }
})();
```

Available In:

sonarlint | sonarcloud | sonarqube

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https://rules.sonarsource.com/javascript/RSPEC-3798

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<div>Files should contain an empty newline at the end</div> <div> Code Smell</div>
<div>An open curly brace should be located at the end of a line</div> <div> Code Smell</div>
<div>Tabulation characters should not be used</div> <div> Code Smell</div>
<div>Function and method names should comply with a naming convention</div> <div> Code Smell</div>