




 Secrets


 ABAP


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 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


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 Swift


 Terraform


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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 declared with "var" should be declared before they are used

Analyze your code

Code Smell

Blocker

pitfall

Variables declared with `var` have the special property that regardless of where they're declared in a function they "float" to the top of the function and are available for use even before they're declared. That makes scoping confusing, especially for new coders.

To keep confusion to a minimum, `var` declarations should happen before they are used for the first time.

Noncompliant Code Example

```
var x = 1;

function fun(){
  alert(x); // Noncompliant as x is declared later in the sa
  if(something) {
    var x = 42; // Declaration in function scope (not block
  }
}

fun(); // Unexpectedly alerts "undefined" instead of "1"
```

Compliant Solution

```
var x = 1;

function fun() {
  print(x);
  if (something) {
    x = 42;
  }
}

fun(); // Print "1"
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/javascript/RSPEC-1526

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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>