




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 Java


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


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 Scala


 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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variables and functions should not be declared in the global scope

Code Smell

Arithmetic operators should only have numbers as operands

Code Smell

Values not convertible to numbers should not be used in numeric comparisons

Code Smell

Arithmetic operations should not result in "NaN"

Code Smell

"arguments" should not be accessed directly

Code Smell

Comparison operators should not be used with strings

Code Smell

Property getters and setters should come in pairs

Code Smell

JavaScript parser failure

Code Smell

The ternary operator should not be used

Code Smell

"===" and "!==" should be used instead of "==" and "!="

Code Smell

Functions should not have too many lines of code

Code Smell

Track comments matching a regular expression

Array indexes should be numeric

Analyze your code

Code Smell

Major

bad-practice

Associative arrays allow you to store values in an array with either numeric or named indexes. But creating and populating an object is just as easy as an array, and more reliable if you need named members.

Noncompliant Code Example

```
let arr = [];  
arr[0] = 'a';  
arr['name'] = 'bob'; // Noncompliant  
arr[1] = 'foo';
```

Compliant Solution

```
let obj = {  
  name: 'bob',  
  arr: ['a', 'foo']  
};
```

Available In:

sonarlint






sonarcloud

sonarqube

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https://rules.sonarsource.com/javascript/RSPEC-3579

1/2

 Code Smell
Statements should be on separate lines  Code Smell
Magic numbers should not be used  Code Smell
Collapsible "if" statements should be merged  Code Smell
Standard outputs should not be used directly to log anything  Code Smell