




 Secrets


 ABAP


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 C++


 CloudFormation


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 Java


 JavaScript


 Kotlin


 Objective C


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 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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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

"for in" should not be used with iterables

Analyze your code

Code Smell

Major ?

If you have an iterable, such as an array, set, or list, your best option for looping through its values is the `for of` syntax. Use `for in` and you'll iterate the properties, rather than the values.

Noncompliant Code Example

```
const arr = [4, 3, 2, 1];

for (let value in arr) { // Noncompliant
  console.log(value); // logs 0, 1, 2, 3
}
```

Compliant Solution

```
const arr = [4, 3, 2, 1];

for (let value of arr) {
  console.log(value);
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/javascript/RSPEC-4139

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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>