

Secrets

ABAP

Apex

C

C++

CloudFormation

COBOL

C#

CSS

Flex

Go

HTML

Java

JS

JavaScript

Kotlin

Objective C

PHP

PL/I

PL/SQL

Python

RPG

Ruby

Scala

Swift

Terraform

Text

TS

TypeScript

T-SQL

VB.NET

VB6

XML

JS

JavaScript static code analysis

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

All rules285

Vulnerability29

Bug62

Security Hotspot43

Code Smell151

Quick Fix41

Tags

Search by name...

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

Function call arguments should not start on new lines

Analyze your code

Code Smell

Minor

suspicious

Because semicolons at the ends of statements are optional, starting function call arguments on a separate line makes the code confusing. It could lead to errors and most likely *will* lead to questions for maintainers.

What was the initial intent of the developer?

1. Define a function and then execute some unrelated code inside a closure ?
2. Pass the second function as a parameter to the first one ?

The first option will be the one chosen by the JavaScript interpreter.

By extension, and to improve readability, any kind of function call argument should not start on new line.

Noncompliant Code Example

```
var fn = function () {
  //...
}

(function () { // Noncompliant
  //...
})();
```

Compliant Solution

Either

```
// define a function
var fn = function () {
  //...
}; // <-- semicolon added

// then execute some code inside a closure
(function () {
  //...
})();
```

Or

```
var fn = function () {
  //...
}(function () { // <-- start function call arguments on same line
  //...
})();
```

Available In:





sonarlint

sonarcloud

sonarqube

https://rules.sonarsource.com/javascript/RSPEC-1472

1/2

<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>	<div>© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved. Privacy Policy</div>