




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 Java


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


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 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


 Text


 TypeScript

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 VB.NET

 VB6

 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

Functions should use "return" consistently

Analyze your code

Code Smell

Major

api-design confusing

Unlike strongly typed languages, JavaScript does not enforce a return type on a function. This means that different paths through a function can return different types of values, which can be very confusing to the user and significantly harder to maintain.

In particular a function, in JavaScript, will return undefined in any of the following cases:

- It exits without a return statement.
- It executes a return with no value.

This rule verifies that return values are either always or never specified for each path through a function.

Noncompliant Code Example

```
function foo(a) { // Noncompliant, function exits without "return"
  if (a == 1) {
    return true;
  }
}
```

Compliant Solution

```
function foo(a) {
  if (a == 1) {
    return true;
  }
  return false;
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/javascript/RSPEC-3801

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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>