sonar RULES Products

Secrets
ABAP
Apex
C
C++
CloudFormation
COBOL
C#
CSS
Flex
Go
HTML
Java
JavaScript
Kotlin
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
Terraform
Text
TypeScript
T-SQL
VB.NET
VB6
XML

TypeScript static code analysis

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

All rules 279 | Vulnerability 27 | Bug 51 | Security Hotspot 43 | Code Smell 158 | Quick Fix 50

Tags | Search by name...

added
Code Smell

Primitive types should be omitted from initialized or defaulted declarations
Code Smell

Non-null assertions should not 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 "r
  if (a == 1) {
    return true;
  }
}
```

Compliant Solution

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

Available In:
sonarlint sonarcloud sonarqube

Files should contain an empty newline at the end

Code Smell

An open curly brace should be located at the end of a line

Code Smell

Tabulation characters should not be used

Code Smell

Function and method names should comply with a naming convention

Code Smell