




 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 rules279

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Code Smell158

Quick Fix50

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Built-in objects should not be overridden

Bug

"for...in" loops should filter properties before acting on them

Bug

Results of operations on strings should not be ignored

Bug

Increment (++) and decrement (--) operators should not be used in a method call or mixed with other operators in an expression

Code Smell

Optional boolean parameters should have default value

Code Smell

Union types should not have too many elements

Code Smell

Dependencies should be explicit

Code Smell

"this" should not be assigned to variables

Code Smell

The "any" type should not be used

Code Smell

"for in" should not be used with iterables

Code Smell

Functions should use "return" consistently

Code Smell

Collection and array contents should be used

Analyze your code

Code SmellMajor?unused suspicious

When a collection is populated but its contents are never used, then it is surely some kind of mistake. Either refactoring has rendered the collection moot, or an access is missing.

This rule raises an issue when no methods are called on a collection other than those that add or remove values.

Noncompliant Code Example

```
function getLength(a, b, c) {
  const strings = []; // Noncompliant
  strings.push(a);
  strings.push(b);
  strings.push(c);

  return a.length + b.length + c.length;
}
```

Compliant Solution

```
function getLength(a, b, c) {
  return a.length + b.length + c.length;
}
```

Available In:





sonarlint | sonarcloud | sonarqube

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https://rules.sonarsource.com/typescript/RSPEC-4030

1/2

"arguments" should not be accessed directly  Code Smell
Comparison operators should not be used with strings  Code Smell
Private properties that are only assigned in the constructor or at declaration should be "readonly"  Code Smell
Property getters and setters should come in pairs  Code Smell