




 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


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 Code Smell


Primitive types should be omitted from initialized or defaulted declarations




Non-null assertions should not be used




"undefined" should not be assigned




Trailing commas should not be used




Array constructors should not be used




Quotes for string literals should be used consistently




Statements should end with semicolons




Comments should not be located at the end of lines of code




Loops should not contain more than a single "break" or "continue" statement



Variable, property and parameter names should comply with a naming convention





Lines should not end with trailing whitespaces



"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:

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https://rules.sonarsource.com/typescript/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>