




 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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 Code Smell


Primitive types should be omitted from initialized or defaulted declarations

 Code Smell


 Code Smell


Non-null assertions should not be used

 Code Smell


 Code Smell


"undefined" should not be assigned

 Code Smell


 Code Smell


Trailing commas should not be used

 Code Smell

 Code Smell

Array constructors should not be used

 Code Smell

 Code Smell

Quotes for string literals should be used consistently

 Code Smell

 Code Smell

Statements should end with semicolons

 Code Smell

 Code Smell

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

 Code Smell

 Code Smell

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

 Code Smell

 Code Smell

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

 Code Smell


 Code Smell


Lines should not end with trailing whitespaces


 Code Smell

The ternary operator should not be used

Analyze your code

 Code Smell

 Major ?

 brain-overload




While the ternary operator is pleasingly compact, its use can make code more difficult to read. It should therefore be avoided in favor of the more verbose if/else structure.

Noncompliant Code Example

```
function foo(a) {
  var b = (a === 'A') ? 'is A' : 'is not A'; // Noncompliant
  // ...
}
```

Compliant Solution

```
function foo(a) {
  var b;
  if (a === 'A') {
    b = 'is A';
  }
  else {
    b = 'is not A';
  }
  // ...
}
```

Available In:
 |  | 

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https://rules.sonarsource.com/typescript/RSPEC-1774

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>