




 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

Vulnerability27

Bug51


Security Hotspot43

Code Smell158


Quick Fix50

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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




### Function declarations should not be made within blocks

Analyze your code

 Bug

 Minor

 cross-browser user-experience

While most script engines support function declarations within blocks, from browser to browser, the implementations are inconsistent with each other.

#### Noncompliant Code Example

```
if (x) {
  function foo() {} //foo is hoisted in Chrome, Firefox and
}
```

#### Compliant Solution

```
if (x) {
  const foo = function() {}
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/typescript/RSPEC-1530

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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>