sonar RULES

Products ⌄

- ⊘ Secrets
- **SAP** ABAP
- **APEX** Apex
- **C** C
- **C++** C++
- **CF** CloudFormation
- **COBOL** COBOL
- **C#** C#
- **CSS** CSS
- **✕** Flex
- **⟹GO** Go
- **HTML** HTML
- **Java** Java
- **JS** JavaScript
- **K** Kotlin
- **** Objective C
- **php** PHP
- **PL/I** PL/I
- **PL/SQL** PL/SQL
- **Python** Python
- **RPG** RPG
- **Ruby** Ruby
- **Scala** Scala
- **Swift** Swift
- **Terraform** Terraform
- **Text** Text
- **TS** **TypeScript**
- **T-SQL** T-SQL
- **VB** VB.NET
- **VB6** VB6
- **XML** XML

TS 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... 🔍]

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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

"import" should be used to include external code

[**Analyze your code**]

⊘ Code Smell   ▼ Minor ?   🏷 convention es2015 obsolete

Before ECMAScript 2015, module management had to be ad-hoc or provided by 3rd-party libraries such as Node.js, Webpack, or RequireJS. Fortunately, ES2015, provides language-standard mechanisms for module management, `import` and `export`, and older usages should be converted.

Noncompliant Code Example

```
// circle.js
exports.area = function (r) {
  return PI * r * r;
};

// foo.js
define(["./cart", "./horse"], function(cart, horse) {  // No
  // ...
});

// bar.js
const circle = require('./circle.js');  // Noncompliant
```

Compliant Solution

```
// circle.js
let area = function (r) {
  return PI * r * r;
}
export default area;

// foo.js
import cart from "./cart.js";
import horse from "./horse.js";

// bar.js
import circle from "./circle.js"
```

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