sonar RULES

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JS JavaScript static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your JAVASCRIPT code

| **All rules** 285 | 🔒 Vulnerability 29 | 🐛 Bug 62 | 🛡 Security Hotspot 43 | Code Smell 151 | Quick Fix 41 |

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Object literal shorthand syntax should be used

⚙ Code Smell

Strings and non-strings should not be added

⚙ Code Smell

Object literal syntax should 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

Nested blocks of code should not be left empty

⚙ Code Smell   ⊖ Major ?   Quick Fix ?   🏷 suspicious

Analyze your code

Most of the time a block of code is empty when a piece of code is really missing. So such empty block must be either filled or removed.

Noncompliant Code Example

```
for (var i = 0; i < length; i++) {}   // Empty on purpose or
```

Exceptions

When a block contains a comment, this block is not considered to be empty. Moreover `catch` blocks are ignored.

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