sonar RULES

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TypeScript static code analysis

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

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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

Local variables should not be declared and then immediately returned or thrown

Analyze your code

Code Smell | Minor | Quick Fix | clumsy

Declaring a variable only to immediately return or throw it is a bad practice.

Some developers argue that the practice improves code readability, because it enables them to explicitly name what is being returned. However, this variable is an internal implementation detail that is not exposed to the callers of the method. The method name should be sufficient for callers to know exactly what will be returned.

Noncompliant Code Example

```
function computeDurationInMilliseconds(hours, minutes, secon
  let duration = (((hours * 60) + minutes) * 60 + seconds )
  return duration;
}
```

Compliant Solution

```
function computeDurationInMilliseconds(hours, minutes, secon
  return (((hours * 60) + minutes) * 60 + seconds ) * 1000;
}
```

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