sonar RULES

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- C#
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- Java
- JavaScript
- Kotlin
- Objective C
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- 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 rules 279 | Vulnerability 27 | Bug 51 | Security Hotspot 43 | Code Smell 158 | Quick Fix 50

Tags

Search by name...

Names of regular expressions named groups should be used
Code Smell

Regular expressions should not be too complicated
Code Smell

Optional property declarations should not use both '?' and 'undefined' syntax
Code Smell

Shorthand promises should be used
Code Smell

Template literals should not be nested
Code Smell

"undefined" should not be passed as the value of optional parameters
Code Smell

"in" should not be used on arrays
Code Smell

Assignments should not be redundant
Code Smell

Functions should not have identical implementations
Code Smell

Sparse arrays should not be declared
Code Smell

Array-mutating methods should not be used misleadingly
Code Smell

Collection and array contents should be used
Code Smell

Non-empty statements should change control flow or have at least one side-effect

Analyze your code

Bug Major cwe unused

Any statement (other than a null statement, which means a statement containing only a semicolon `;`) which has no side effect and does not result in a change of control flow will normally indicate a programming error, and therefore should be refactored.

Noncompliant Code Example

```
a == 1; // Noncompliant; was assignment intended?
var msg = "Hello, "
  "World!"; // Noncompliant; have we forgotten '+' operator
```

See

- MITRE, CWE-482 - Comparing instead of Assigning

Available In:

sonarlint sonarcloud sonarqube

Literals should not be thrown

Code Smell

Array indexes should be numeric

Code Smell

Assertion arguments should be passed in the correct order

Code Smell

Ternary operators should not be nested

Code Smell

"delete" should not be used on arrays