sonar RULES

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TS TypeScript static code analysis

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...

OS commands is security-sensitive
🛡 Security Hotspot

Setting loose POSIX file permissions is security-sensitive
🛡 Security Hotspot

Formatting SQL queries is security-sensitive
🛡 Security Hotspot

Comma operator should not be used
⊗ Code Smell

Regular expressions should not contain empty groups
⊗ Code Smell

Regular expressions should not contain multiple spaces
⊗ Code Smell

Chai assertions should have only one reason to succeed
⊗ Code Smell

Single-character alternations in regular expressions should be replaced with character classes
⊗ Code Smell

Reluctant quantifiers in regular expressions should be followed by an expression that can't match the empty string
⊗ Code Smell

Tests should check which exception is thrown
⊗ Code Smell

Character classes in regular expressions should not contain the same character twice
⊗ Code Smell

Names of regular expressions named

Cognitive Complexity of functions should not be too high

Analyze your code

⊗ Code Smell   🔥 Critical ⓘ   🏷 brain-overload

Cognitive Complexity is a measure of how hard the control flow of a function is to understand. Functions with high Cognitive Complexity will be difficult to maintain.

See

- Cognitive Complexity

Available In:

sonarlint | sonarcloud | sonarqube

Names of regular expressions named
groups should be used

⊗ Code Smell

Regular expressions should not be too
complicated

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

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Shorthand promises should be used

⊗ Code Smell

Template literals should not be nested