sonar RULES

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JavaScript static code analysis

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

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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

Standard outputs should not be used directly to log anything

Analyze your code

⊛ Code Smell   ⬡ Major ⌄   🏷 bad-practice user-experience owasp

Debug statements are always useful during development. But include them in production code - particularly in code that runs client-side - and you run the risk of inadvertently exposing sensitive information, slowing down the browser, or even erroring-out the site for some users.

Noncompliant Code Example

```
console.log(password_entered); // Noncompliant
```

See

- **OWASP Top 10 2021 Category A9** - Security Logging and Monitoring Failures
- **OWASP Top 10 2017 Category A3** - Sensitive Data Exposure

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