sonar RULES

Products

- Secrets
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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

Tags

Search by name...

Web SQL databases should not be used

Vulnerability

Variables should be defined before being used

Bug

Variables declared with "var" should be declared before they are used

Code Smell

Track lack of copyright and license headers

Code Smell

Reading the Standard Input is security-sensitive

Security Hotspot

Using command line arguments is security-sensitive

Security Hotspot

Using Sockets is security-sensitive

Security Hotspot

Executing XPath expressions is security-sensitive

Security Hotspot

Encrypting data is security-sensitive

Security Hotspot

Using regular expressions is security-sensitive

Security Hotspot

Class methods should be used instead of "prototype" assignments

Code Smell

Function constructors should not be used

Code Smell

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

Analyze your code

Code Smell | Major | regex

When an alternation contains multiple alternatives that consist of a single character, it can be rewritten as a character class. This should be preferred because it is more efficient and can even help prevent stack overflows when used inside a repetition (see rule {rule:javascript:S5998}).

Noncompliant Code Example

```
/a|b|c/; // Noncompliant
```

Compliant Solution

```
/[abc]/;
// or
/[a-c]/;
```

Available In:

sonarlint sonarcloud sonarqube

Privacy Policy

Variables should be declared with "let" or "const"

Code Smell

Unchanged variables should be marked "const"

Code Smell

Wildcard imports should not be used

Code Smell

"switch" statements should not be nested

Code Smell