sonar RULES

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- TypeScript
- T-SQL
- VB.NET
- VB6
- XML

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...

Variables and functions should not be redeclared
Code Smell

"indexOf" checks should not be for positive numbers
Code Smell

"arguments.caller" and "arguments.callee" should not be used
Code Smell

Multiline blocks should be enclosed in curly braces
Code Smell

Boolean expressions should not be gratuitous
Code Smell

Variables should be used in the blocks where they are declared
Code Smell

Parameters should be passed in the correct order
Code Smell

Two branches in a conditional structure should not have exactly the same implementation
Code Smell

Unused assignments should be removed
Code Smell

Function parameters with default values should be last
Code Smell

Functions should not be defined inside loops
Code Smell

Collection elements should not be replaced unconditionally

Analyze your code

Bug Major suspicious

It is highly suspicious when a value is saved for a key or index and then unconditionally overwritten. Such replacements are likely in error.

Noncompliant Code Example

```
fruits[1] = "banana";
fruits[1] = "apple";  // Noncompliant - value on index 1 is

myMap.set("key", 1);
myMap.set("key", 2); // Noncompliant - value for key "key"

mySet.add(1);
mySet.add(1); // Noncompliant - element is already in the s
```

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"switch" statements should not have too many "case" clauses

Code Smell

Only "while", "do", "for" and "switch" statements should be labelled

Code Smell

Sections of code should not be commented out

Code Smell

Unused function parameters should be removed

Code Smell