 **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

Function parameters, caught exceptions and foreach variables' initial values should not be ignored

Analyze your code

Bug

Minor

While it is technically correct to assign to parameters from within function bodies, it reduces code readability because developers won't be able to tell whether the original parameter or some temporary variable is being accessed without going through the whole function. Moreover, some developers might also expect assignments of function parameters to be visible to callers, which is not the case, and this lack of visibility could confuse them. Instead, all parameters, caught exceptions, and foreach parameters should be treated as constants.

Noncompliant Code Example

```
function MyClass(name, strings) {
  name = foo; // Noncompliant

  for (var str of strings) {
    str = ""; // Noncompliant
  }
}
```

Available In:

sonarlint

sonarcloud





sonarqube

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<div>Files should contain an empty newline at the end</div> <div> Code Smell</div>
<div>An open curly brace should be located at the end of a line</div> <div> Code Smell</div>
<div>Tabulation characters should not be used</div> <div> Code Smell</div>
<div>Function and method names should comply with a naming convention</div> <div> Code Smell</div>