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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...

Regular expressions with the global flag should be used with caution
Bug

Replacement strings should reference existing regular expression groups
Bug

Regular expressions should not contain control characters
Bug

Alternation in regular expressions should not contain empty alternatives
Bug

Mocha timeout should be disabled by setting it to "0".
Bug

Unicode Grapheme Clusters should be avoided inside regex character classes
Bug

Assertions should not be given twice the same argument
Bug

Alternatives in regular expressions should be grouped when used with anchors
Bug

Promise rejections should not be caught by 'try' block
Bug

Collection elements should not be replaced unconditionally
Bug

Errors should not be created without being thrown
Bug

Function calls should not pass extra arguments

Analyze your code

Bug Critical ? cwe

You can easily call a JavaScript function with more arguments than the function needs, but the extra arguments will be just ignored by function execution.

Noncompliant Code Example

```
function say(a, b) {
  print(a + " " + b);
}

say("hello", "world", "!"); // Noncompliant; last argument i
```

Exceptions

No issue is reported when `arguments` is used in the body of the function being called.

```
function doSomething(a, b) {
  compute(arguments);
}

doSomething(1, 2, 3) // Compliant
```

See

- MITRE, CWE-628 - Function Call with Incorrectly Specified Arguments

Available In:
sonarlint sonarcloud sonarqube

Collection sizes and array length comparisons should make sense

Bug

All branches in a conditional structure should not have exactly the same implementation

Bug

Destructuring patterns should not be empty

Bug

The output of functions that don't return anything should not be used

Bug