Security

Hotspot

Tags

(43)

TypeScript static code analysis

Unique rules to find Bugs, Vulnerabilities, Security

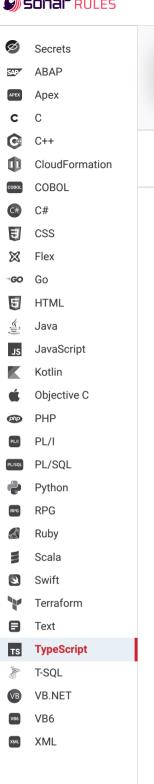


Products >

(50)

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O Quick Fix



```
Hotspots, and Code Smells in your TYPESCRIPT code
ΔII
     279
               6 Vulnerability (27)
                                       # Bug (51)
rules
 auueu
  Code Smell
 Primitive types should be omitted
 from initialized or defaulted
 declarations
  Code Smell
 Non-null assertions should not be
 used
 Code Smell
 "undefined" should not be assigned
 A 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
 A 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

```
"for...in" loops should filter
                                                 Analyze your code
properties before acting on them
Rug Major 🕝
The for...in statement allows you to loop through the names of all of the
properties of an object. The list of properties includes all those properties that were
inherited through the prototype chain. This has the side effect of serving up
functions when the interest is in data properties. Programs that don't take this into
account can fail.
Therefore, the body of every for...in statement should be wrapped in an if
statement that filters which properties are acted upon. It can select for a particular
type or range of values, or it can exclude functions, or it can exclude properties from
the prototype.
Noncompliant Code Example
  for (name in object) {
       doSomething(name); // Noncompliant
Compliant Solution
  for (name in object) {
    if (object.hasOwnProperty(name)) {
       doSomething(name);
Exceptions
Loops used to clone objects are ignored
  for (prop in obj) {
    a[prop] = obj[prop]; // Compliant by exception
 Available In:
 sonarlint ⊕ | sonarcloud ↔ | sonarqube
```

⊗ Code

Smell

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Search by name.

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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