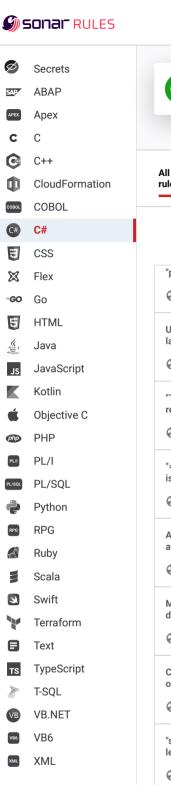
O Quick 52 Fix



```
Unique rules to find Bugs, Vulnerabilities, Security
               Hotspots, and Code Smells in your C# code
ΔII
    409
               6 Vulnerability (34)
                                       ♣ Bug (76)
rules
 "protected" members
 Code Smell
 Underscores should be used to make
 large numbers readable
 Code Smell
 "ToString()" calls should not be
 redundant
 A Code Smell
 "==" should not be used when "Equals"
 is overridden
 Code Smell
 An abstract class should have both
 abstract and concrete methods
 Code Smell
 Multiple variables should not be
 declared on the same line
 Code Smell
 Culture should be specified for "string"
 operations
 Code Smell
 "switch" statements should have at
 least 3 "case" clauses
 Code Smell
 break statements should not be used
 except for switch cases
 Code Smell
 String literals should not be duplicated
 Code Smell
 Files should contain an empty newline
 at the end
 Code Smell
```

Unused "using" should be removed

Code Smell

C# static code analysis

Security Hotspot

(28)

```
Tags
                                        Search by name..
Control flow statements "if",
"switch", "for", "foreach", "while",
                                             Analyze your code
"do" and "try" should not be nested
too deeply
Code Smell Critical
                                brain-overload
Nested if, switch, for, foreach, while, do, and try statements are key
ingredients for making what's known as "Spaghetti code".
Such code is hard to read refactor and therefore maintain.
Noncompliant Code Example
With the default threshold of 3:
  if (condition1) // Compliant - depth = 1
  {
    if (condition2) // Compliant - depth = 2
      for(int i = 0; i < 10; i++) // Compliant - depth = 3, no
        /* ... */
        if (condition4) // Noncompliant - depth = 4
          if (condition5) // Depth = 5, exceeding the limit, b
          return;
        }
    }
 Available In:
 sonarlint ⊕ | sonarcloud 👌 | sonarqube
```

⊘ Code Smell

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A close curly brace should be located at the beginning of a line

Code Smell

Tabulation characters should not be used

Code Smell

Methods and properties should be named in PascalCase

Code Smell

Track uses of in-source issue suppressions

Code Smell