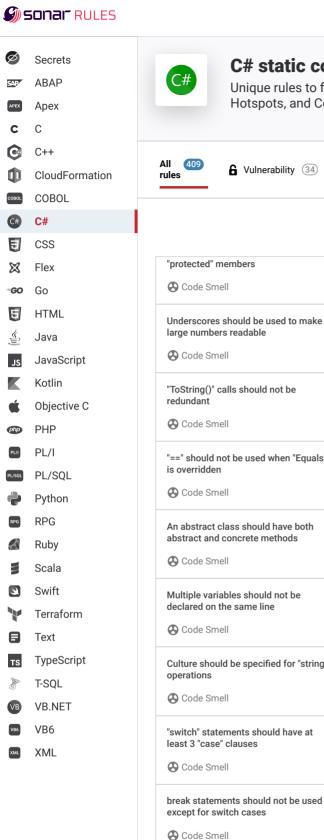
O Quick 52 Fix

Q



```
C# static code analysis
             Unique rules to find Bugs, Vulnerabilities, Security
             Hotspots, and Code Smells in your C# code
                                                                         409
                                                       Security
                                                                 (28)
             6 Vulnerability (34)
                                    # Bug (76)
                                                       Hotspot
                                                      Tags
                                                                                  Search by name..
"protected" members
                                           Redundant modifiers should not
A Code Smell
                                                                                       Analyze your code
                                           be used
Underscores should be used to make
                                           unused finding clumsy
large numbers readable
Code Smell
                                           Unnecessary keywords simply clutter the code and should be removed. Specifically:
"ToString()" calls should not be
                                            • partial on type declarations that are completely defined in one place
                                             • sealed on members of sealed classes

    unsafe method or block inside construct already marked with unsafe, or

Code Smell
                                               when there are no unsafe constructs in the block
                                            • checked and unchecked blocks with no integral-type arithmetic operations
"==" should not be used when "Equals"
is overridden
                                           Noncompliant Code Example
Code Smell
                                             public partial class MyClass // Noncompliant
An abstract class should have both
                                               public virtual void Method()
abstract and concrete methods
Code Smell
Multiple variables should not be
                                             public sealed class MyOtherClass : MyClass
declared on the same line
                                               public sealed override void Method() // Noncompliant
Code Smell
Culture should be specified for "string"
operations
Code Smell
                                           Compliant Solution
"switch" statements should have at
```

```
public class MyClass
 public virtual void Method()
public sealed class MyOtherClass : MyClass
 public override void Method()
  {
```

Available In:

String literals should not be duplicated

Files should contain an empty newline

Unused "using" should be removed

Code Smell

Code Smell

Code Smell

at the end

sonarlint ⊕ | sonarcloud ↔ | sonarqube

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

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