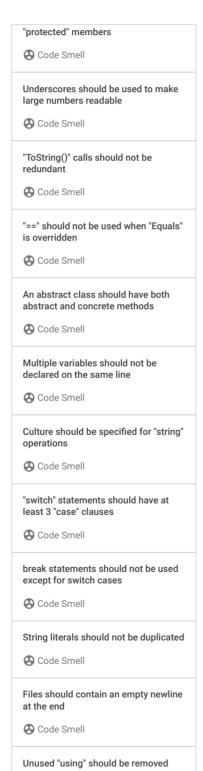


```
C# static code analysis
             Unique rules to find Bugs, Vulnerabilities, Security
             Hotspots, and Code Smells in your C# code
                                                                                         O Quick 52
Fix
                                                                     ⇔ Code Smell
ΔII
    409
                                                     Security
                                                              (28)
                                                  • Secu.
Hotspot
             6 Vulnerability (34)
                                   # Bug (76)
rules
                                                    Tags
                                                                                                        Q
                                                                              Search by name..
```

using System;

namespace MyLibrary



Code Smell

```
Non-abstract attributes should be
                                              Analyze your code
sealed
Code Smell Minor
                               performance
The .NET framework class library provides methods for retrieving custom
attributes. Sealing the attribute eliminates the search through the inheritance
hierarchy, and can improve performance.
This rule raises an issue when a public type inherits from System. Attribute, is
not abstract, and is not sealed.
Noncompliant Code Example
 using System;
  namespace MyLibrary
      [AttributeUsage(AttributeTargets.Class|AttributeTargets.
      public class MyAttribute: Attribute // Noncompliant
           private string nameValue;
           public MyAttribute(string name)
               nameValue = name;
           public string Name
                    return nameValue;
  }
Compliant Solution
```

[AttributeUsage(AttributeTargets.Class|AttributeTargets.

public sealed class MyAttribute: Attribute

public MyAttribute(string name)

private string nameValue;

nameValue = name;

public string Name

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

```
{
                 return nameValue;
}
Available In:
sonarlint ⊕ | sonarcloud & | sonarqube
```

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