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C# static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your C# code

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"protected" members
Code Smell
Underscores should be used to make large numbers readable
Code Smell
"ToString()" calls should not be redundant
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

Extension methods should not extend "object"

Analyze your code

Code Smell Minor ?

Creating an extension method that extends object is not recommended because it makes the method available on every type. Extensions should be applied at the most specialized level possible, and that is very unlikely to be object.

Noncompliant Code Example

```
using System;

namespace MyLibrary
{
    public static class MyExtensions
    {
        public static void Foo(this object o) //Noncompliant
        {
            // ...
        }
    }
}
```

Available In:
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