Secrets

ABAP

Apex

C

C++

CloudFormation

COBOL

C#

CSS

Flex

Go

HTML

Java

JavaScript

Kotlin

Objective C

PHP

PL/I

PL/SQL

Python

RPG

Ruby

Scala

Swift

Terraform

Text

TypeScript

T-SQL

VB.NET

VB6

XML

C# static code analysis

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

All rules `409`	🔒 Vulnerability `34`	🐛 Bug `76`	🛡 Security Hotspot `28`	⊙ Code Smell `271`	🔧 Quick Fix `52`

Tags ⌄   Search by name... 🔍

"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

Interfaces should not be empty

[**Analyze your code**]

⊙ Code Smell   ◈ Minor ⓘ

Empty interfaces are usually used as a marker or a way to identify groups of types. The preferred way to achieve this is to use custom attributes.

Noncompliant Code Example

```
using System;

namespace MyLibrary
{
    public interface MyInterface // Noncompliant
    {
    }
}
```

Compliant Solution

```
using System;

namespace MyLibrary
{
    public interface MyInterface
    {
        void Foo();
    }
}
```

Available In:

sonarlint ⊙ | **sonar**cloud ☁ | **sonar**qube 📶

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