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... 🔍

Code Smell

Use a testable date/time provider.

Code Smell

Property names should not match get methods

Code Smell

Locales should be set for data types

Code Smell

Literals should not be passed as localized parameters

Code Smell

Operators should be overloaded consistently

Code Smell

Method signatures should not contain nested generic types

Code Smell

Enumeration members should not be named "Reserved"

Code Smell

"System.Uri" arguments should be used instead of strings

Code Smell

Collection properties should be readonly

Code Smell

Disposable types should declare finalizers

Code Smell

String URI overloads should call "System.Uri" overloads

Code Smell

URI properties should not be strings

"params" should be used on overrides

Analyze your code

⊘ Code Smell   ⬖ Major ⍰   Quick Fix ⍰   🏷 confusing

Overriding methods automatically inherit the `params` behavior. To ease readability, this modifier should be explicitly used in the overriding method as well.

Noncompliant Code Example

```
class Base
{
  public virtual void Method(params int[] numbers)
  {
    ...
  }
}
class Derived : Base
{
  public override void Method(int[] numbers) // Noncompliant
  {
    ...
  }
}
```

Compliant Solution

```
class Base
{
  public virtual void Method(params int[] numbers)
  {
    ...
  }
}
class Derived : Base
{
  public override void Method(params int[] numbers)
  {
    ...
  }
}
```

Available In:

sonarlint | sonarcloud | sonarqube

Code Smell

URI return values should not be strings

Code Smell

URI Parameters should not be strings

Code Smell

Custom attributes should be marked with "System.AttributeUsageAttribute"

Code Smell

Assemblies should explicitly specify COM visibility