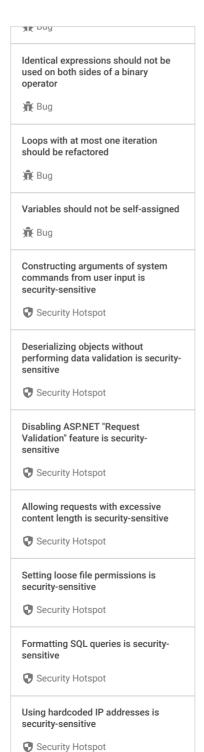


```
C# static code analysis
        Unique rules to find Bugs, Vulnerabilities, Security
        Hotspots, and Code Smells in your C# code
                                                                             O Quick 52
Fix
                                                           409
      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



"goto" statement should not be used

Code Smell

```
"[DefaultValue]" should not be
used when "
                                          Analyze your code
[DefaultParameterValue]" is meant
suspicious
The use of [DefaultValue] with [Optional] has no more effect than
[Optional] alone. That's because [DefaultValue] doesn't actually do
anything; it merely indicates the intent for the value. More than likely,
[DefaultValue] was used in confusion instead of
[DefaultParameterValue].
Noncompliant Code Example
 class MyClass
      public void DoStuff([Optional][DefaultValue(4)]int i, in
          Console.WriteLine(i);
     public static void Main()
      {
          new MyClass().DoStuff(); // prints 0
Compliant Solution
 class MyClass
      public void DoStuff([Optional][DefaultParameterValue(4)]
          Console.WriteLine(i):
      public static void Main()
      {
          new MyClass().DoStuff(); // prints 4
 Available In:
 sonarlint ⊕ | sonarcloud 🐼 | sonarqube
```

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"new Guid()" should not be used

Code Smell

Parameter validation in
"async"/"await" methods should be wrapped

Code Smell

Parameter validation in yielding methods should be wrapped

Code Smell

Events should have proper arguments

Code Smell