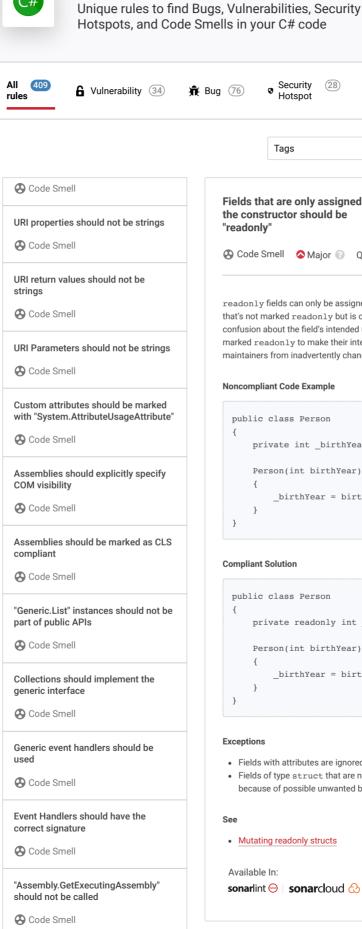
O Quick 52 Fix







Arguments of public methods should

C# static code analysis

```
Q
           Tags
                                         Search by name.
Fields that are only assigned in
the constructor should be
                                              Analyze your code
"readonly"
confusing
readonly fields can only be assigned in a class constructor. If a class has a field
that's not marked readonly but is only set in the constructor, it could cause
confusion about the field's intended use. To avoid confusion, such fields should be
marked readonly to make their intended use explicit, and to prevent future
maintainers from inadvertently changing their use.
Noncompliant Code Example
  public class Person
      private int _birthYear; // Noncompliant
      Person(int birthYear)
            _birthYear = birthYear;
  }
Compliant Solution
  public class Person
      private readonly int birthYear;
      Person(int birthYear)
           _birthYear = birthYear;
  }
Exceptions
 • Fields with attributes are ignored.
 • Fields of type struct that are not primitive or pointer types are also ignored
   because of possible unwanted behavior.
 · Mutating readonly structs
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```

Security

Hotspot

(28)

be validated against null
Code Smell

Value types should implement
"IEquatable<T>"
Code Smell

Finalizers should not be empty
Code Smell

"[ExpectedException]" should not be used
Code Smell

"this" should not be exposed from constructors

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