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C# static code analysis

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

All rules 409

Vulnerability 34

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Increment (++) and decrement (--) operators should not be used in a method call or mixed with other operators in an expression



Increment (++) and decrement (--) operators should not be used in a method call or mixed with other operators in an expression



Use a testable date/time provider.



Property names should not match get methods



Locales should be set for data types



Literals should not be passed as localized parameters



Operators should be overloaded consistently



Method signatures should not contain nested generic types



Enumeration members should not be named "Reserved"



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



Collection properties should be readonly



Disposable types should declare finalizers



Events should be invoked

Analyze your code

Code Smell Major ? unused

Events that are not invoked anywhere are dead code, and there's no good reason to keep them in the source.

Noncompliant Code Example

```
class UninvokedEventSample
{
    private event Action<object, EventArgs> Happened; //Nonc

    public void RegisterEventHandler(Action<object, EventArgs> handler)
    {
        Happened += handler; //we register some event handle
    }

    public void RaiseEvent()
    {
        if (Happened != null)
        {
            // Happened(this, null); // the event is never t
        }
    }
}
```

Available In:

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 Code Smell

String URI overloads should call "System.Uri" overloads

 Code Smell

URI properties should not be strings

 Code Smell

URI return values should not be strings

 Code Smell

URI Parameters should not be strings

 Code Smell