




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


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 C#


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 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


 Text


 TypeScript

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Java static code analysis

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

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String operations should not rely on the default system locale

Code Smell

Comments should not be located at the end of lines of code

Code Smell

Track uses of "CHECKSTYLE:OFF" suppression comments

Code Smell

Loggers should be "private static final" and should share a naming convention

Code Smell

Track uses of "NOPMD" suppression comments

Code Smell

Packages should have a javadoc file 'package-info.java'

Code Smell

The members of an interface or class declaration should appear in a pre-defined order

Code Smell

Abstract class names should comply with a naming convention

Code Smell

Strings literals should be placed on the left side when checking for equality

Code Smell

Files should contain an empty newline at the end

Code Smell

Source code should be indented consistently

Code Smell

Unused "private" methods should be removed

Analyze your code

Code Smell

Major

Quick Fix

unused

private methods that are never executed are dead code: unnecessary, inoperative code that should be removed. Cleaning out dead code decreases the size of the maintained codebase, making it easier to understand the program and preventing bugs from being introduced.

Note that this rule does not take reflection into account, which means that issues will be raised on private methods that are only accessed using the reflection API.

Noncompliant Code Example

```
public class Foo implements Serializable
{
    private Foo(){        //Compliant, private empty constructor
    public static void doSomething(){
        Foo foo = new Foo();
        ...
    }
    private void unusedPrivateMethod(){...}
    private void writeObject(ObjectOutputStream s){...} //Com
    private void readObject(ObjectInputStream in){...} //Comp
}
```

Compliant Solution

```
public class Foo implements Serializable
{
    private Foo(){        //Compliant, private empty constructor
    public static void doSomething(){
        Foo foo = new Foo();
        ...
    }

    private void writeObject(ObjectOutputStream s){...} //Com
    private void readObject(ObjectInputStream in){...} //Comp
}
```

Exceptions

This rule doesn't raise any issue on annotated methods.





Available In:
sonarlint | sonarcloud | sonarqube

https://rules.sonarsource.com/java/RSPEC-1144

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<p>A close curly brace should be located at the beginning of a line</p> <p> Code Smell</p>
<p>Close curly brace and the next "else", "catch" and "finally" keywords should be on two different lines</p> <p> Code Smell</p>
<p>Close curly brace and the next "else", "catch" and "finally" keywords should be located on the same line</p> <p> Code Smell</p>
<p>An open curly brace should be located at the beginning of a line</p> <p> Code Smell</p>