




 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

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Java static code analysis

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

All rules 632

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Bug 154

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Code Smell 389

Quick Fix 42

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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

A close curly brace should be located at the beginning of a line

Code Smell

Close curly brace and the next "else", "catch" and "finally" keywords should be on two different lines

Code Smell

Close curly brace and the next "else", "catch" and "finally" keywords should be located on the same line

Code Smell

An open curly brace should be located at the beginning of a line

Code Smell

An open curly brace should be located at the end of a line

Code Smell

Tabulation characters should not be used

Code Smell

Functions should not be defined with a variable number of arguments

Code Smell

Local variables should not shadow class fields

Analyze your code

Code Smell

Major ?

cert suspicious pitfall

Overriding or shadowing a variable declared in an outer scope can strongly impact the readability, and therefore the maintainability, of a piece of code. Further, it could lead maintainers to introduce bugs because they think they're using one variable but are really using another.

Noncompliant Code Example

```
class Foo {
    public int myField;

    public void doSomething() {
        int myField = 0;
        ...
    }
}
```

See

- [CERT, DCL01-C](#) - Do not reuse variable names in subscopes
- [CERT, DCL51-J](#) - Do not shadow or obscure identifiers in subscopes

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1117

1/2

Local-Variable Type Inference should be used  Code Smell
Migrate your tests from JUnit4 to the new JUnit5 annotations  Code Smell
Track uses of disallowed classes  Code Smell
Track uses of "@SuppressWarnings" annotations  Code Smell