




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


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 HTML


 **Java**


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


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 VB.NET

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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

Vulnerability 53

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Code Smell 389

Quick Fix 42

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Search by name... 🔍

⚙️ Code Smell

"==" and "!=" should not be used when "equals" is overridden

⚙️ Code Smell

⚙️ Code Smell

An abstract class should have both abstract and concrete methods

⚙️ Code Smell

⚙️ Code Smell

Sets with elements that are enum values should be replaced with EnumSet

⚙️ Code Smell

⚙️ Code Smell

String operations should not rely on the default system locale

⚙️ Code Smell

⚙️ Code Smell

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

⚙️ Code Smell

⚙️ Code Smell

Track uses of "CHECKSTYLE:OFF" suppression comments

⚙️ Code Smell

⚙️ Code Smell

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

⚙️ Code Smell

⚙️ Code Smell

Track uses of "NOPMD" suppression comments

⚙️ Code Smell

⚙️ Code Smell

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

⚙️ Code Smell

⚙️ Code Smell

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

⚙️ Code Smell

⚙️ Code Smell

Abstract class names should comply with a naming convention

### Enumeration should not be implemented

Analyze your code

⚙️ Code Smell

🔴 Major ?

🗑️ obsolete

From the official Oracle Javadoc:

NOTE: The functionality of this Enumeration interface is duplicated by the Iterator interface. In addition, Iterator adds an optional remove operation, and has shorter method names. New implementations should consider using Iterator in preference to Enumeration.

Noncompliant Code Example

```
public class MyClass implements Enumeration { // Non-Compliant
    /* ... */
}
```

Compliant Solution

```
public class MyClass implements Iterator { // Compliant
    /* ... */
}
```

Available In:

sonarlint





sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1150

1/2

 Code Smell
<b>Strings literals should be placed on the left side when checking for equality</b>  Code Smell
<b>Files should contain an empty newline at the end</b>  Code Smell
<b>Source code should be indented consistently</b>  Code Smell
<b>A close curly brace should be located</b>