

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

XML

Java static code analysis

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

All rules632

Vulnerability53

Bug154

Security Hotspot36

Code Smell389

Quick Fix42

Tags ▾

Search by name... 🔍

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

Method parameters should be declared with base types

Analyze your code

Code Smell

Minor

api-design

For maximum reusability, methods should accept parameters with as little specialization as possible. So unless specific features from a child class are required by a method, a type higher up the class hierarchy should be used instead.

Noncompliant Code Example

```
public void printSize(ArrayList<Object> list) { // Collecti
    System.out.println(list.size());
}

public static void loop(List<Object> list) { // java.lang.It
    for (Object o : list) {
        o.toString();
    }
}
```

Compliant Solution

```
public void printSize(Collection<?> list) { // Collection c
    System.out.println(list.size());
}

public static void loop(Iterable<?> list) { // java.lang.It
    for (Object o : list) {
        o.toString();
    }
}
```

Exceptions

Parameters in non-public methods are not checked, because such methods are not intended to be generally reusable. `java.lang.String` parameters are excluded, because `String` is immutable and can not be always substituted for more generic type. Parameters used in any other context than method invocation or enhanced for loop are also excluded.

Available In:

sonarlint

sonarcloud

sonarqube

https://rules.sonarsource.com/java/RSPEC-3242

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1/2

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