

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

Types should be used in lambdas

Analyze your code

Code Smell

Major

convention java8

Shared coding conventions allow teams to collaborate effectively. While types for lambda arguments are optional, specifying them anyway makes the code clearer and easier to read.

Noncompliant Code Example

```
Arrays.sort(rosterAsArray,
    (a, b) -> { // Noncompliant
        return a.getBirthDay().compareTo(b.getBirthDay());
    }
);
```

Compliant Solution

```
Arrays.sort(rosterAsArray,
    (Person a, Person b) -> {
        return a.getBirthDay().compareTo(b.getBirthDay());
    }
);
```

Exceptions

When the lambda has one or two parameters and does not have a block this rule will not fire up an issue as things are considered more readable in those cases.

```
stream.map((a, b) -> a.length); // compliant
```

Available In:

sonarlint | sonarcloud | sonarqube

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<div>Track uses of disallowed classes</div> <div> Code Smell</div>
<div>Track uses of "@SuppressWarnings" annotations</div> <div> Code Smell</div>