




 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

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 VB.NET

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 XML



## Java static code analysis

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

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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

### Multiple loops over the same set should be combined

Analyze your code

Code Smell

Minor ?

performance

When a method loops multiple over the same set of data, whether it's a list or a set of numbers, it is highly likely that the method could be made more efficient by combining the loops into a single set of iterations.

#### Noncompliant Code Example

```
public void doSomethingToAList(List<String> strings) {
    for (String str : strings) {
        doStep1(str);
    }
    for (String str : strings) { // Noncompliant
        doStep2(str);
    }
}
```

#### Compliant Solution

```
public void doSomethingToAList(List<String> strings) {
    for (String str : strings) {
        doStep1(str);
        doStep2(str);
    }
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-3047

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<div>Migrate your tests from JUnit4 to the new JUnit5 annotations</div> <div> Code Smell</div>
<div>Track uses of disallowed classes</div> <div> Code Smell</div>
<div>Track uses of "@SuppressWarnings" annotations</div> <div> Code Smell</div>