




 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 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

Redundant pairs of parentheses should be removed

Analyze your code

 Code Smell

 Major ?

 confusing

The use of parentheses, even those not required to enforce a desired order of operations, can clarify the intent behind a piece of code. But redundant pairs of parentheses could be misleading, and should be removed.

Noncompliant Code Example

```
int x = (y / 2 + 1); //Compliant even if the parenthesis a

if (a && ((x+y > 0))) { // Noncompliant
    //...
}

return ((x + 1)); // Noncompliant
```

Compliant Solution

```
int x = (y / 2 + 1);

if (a && (x+y > 0)) {
    //...
}

return (x + 1);
```

Available In:

sonarlint





sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1110

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<div>Local-Variable Type Inference should be used</div> <div> Code Smell</div>
<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>