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 RPG


 Ruby


 Scala


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 Terraform


 Text


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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

All rules 632

Vulnerability 53

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

"compareTo" results should not be checked for specific values

Analyze your code

Bug Minor Quick Fix unpredictable

While most compareTo methods return -1, 0, or 1, some do not, and testing the result of a compareTo against a specific value other than 0 could result in false negatives.

Noncompliant Code Example

```
if (myClass.compareTo(arg) == -1) { // Noncompliant
    // ...
}
```

Compliant Solution

```
if (myClass.compareTo(arg) < 0) {
    // ...
}
```

Available In:

sonarlint | sonarcloud | sonarqube

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https://rules.sonarsource.com/java/RSPEC-2200

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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>