




 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

Empty statements should be removed

Analyze your code

Code Smell

Minor

Quick Fix

cert unused

Empty statements, i.e. `;`, are usually introduced by mistake, for example because:

- It was meant to be replaced by an actual statement, but this was forgotten.
- There was a typo which lead the semicolon to be doubled, i.e. `;;`.

Noncompliant Code Example

```
void doSomething() {  
    ;  
}  
  
void doSomethingElse() {  
    System.out.println("Hello, world!");  
    ...  
}
```

Compliant Solution

```
void doSomething() {}  
  
void doSomethingElse() {  
    System.out.println("Hello, world!");  
    ...  
    for (int i = 0; i < 3; i++) ; // compliant if unique state  
    ...  
}
```

See

- [CERT, MSC12-C](#) - Detect and remove code that has no effect or is never executed
- [CERT, MSC51-J](#) - Do not place a semicolon immediately following an if, for, or while condition
- [CERT, EXP15-C](#) - Do not place a semicolon on the same line as an if, for, or while statement





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https://rules.sonarsource.com/java/RSPEC-1116

1/2

<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>