




 Secrets


 ABAP


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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

Fields should not be initialized to default values

Analyze your code

Code Smell

Minor ?

convention finding

The compiler automatically initializes class fields to their default values before setting them with any initialization values, so there is no need to explicitly set a field to its default value. Further, under the logic that cleaner code is better code, it's considered poor style to do so.

Noncompliant Code Example

```
public class MyClass {  
  
    int count = 0; // Noncompliant  
    // ...  
  
}
```

Compliant Solution

```
public class MyClass {  
  
    int count;  
    // ...  
  
}
```

Exceptions

final fields are ignored.

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-3052

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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>