

Secrets

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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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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

Classes without "public" constructors should be "final"

Analyze your code

Code Smell Minor design

Classes with only private constructors should be marked final to prevent any mistaken extension attempts.

Noncompliant Code Example

```
public class PrivateConstructorClass { // Noncompliant
    private PrivateConstructorClass() {
        // ...
    }

    public static int magic(){
        return 42;
    }
}
```

Compliant Solution

```
public final class PrivateConstructorClass { // Compliant
    private PrivateConstructorClass() {
        // ...
    }

    public static int magic(){
        return 42;
    }
}
```

Available In:

sonarlint sonarcloud sonarqube

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https://rules.sonarsource.com/java/RSPEC-2974

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