




 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


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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

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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

Extensions and implementations should not be redundant

Analyze your code

Code Smell

Minor ?

clumsy

All classes extend Object implicitly. Doing so explicitly is redundant.

Further, declaring the implementation of an interface *and* one if its parents is also redundant. If you implement the interface, you also implicitly implement its parents and there's no need to do so explicitly.

Noncompliant Code Example

```
public interface MyFace {
    // ...
}

public interface MyOtherFace extends MyFace {
    // ...
}

public class Foo
    extends Object // Noncompliant
    implements MyFace, MyOtherFace { // Noncompliant
    //...
}
```

Compliant Solution

```
public interface MyFace {
    // ...
}

public interface MyOtherFace extends MyFace {
    // ...
}

public class Foo implements MyOtherFace {
    //...
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1939

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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>