




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


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 Kotlin


 Objective C


 PHP


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 PL/SQL


 Python


 RPG


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 Swift


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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

Redundant modifiers should not be used

Analyze your code

Code Smell

Minor ?

finding clumsy

The methods declared in an interface are public and abstract by default. Any variables are automatically public static final. Finally, class and interface are automatically public static. There is no need to explicitly declare them so.

Since annotations are implicitly interfaces, the same holds true for them as well.

Similarly, the final modifier is redundant on any method of a final class, private is redundant on the constructor of an Enum, and static is redundant for interface nested into a class or enum.

Noncompliant Code Example

```
public interface Vehicle {  
  
    public void go(int speed, Direction direction); // Noncom
```

Compliant Solution

```
public interface Vehicle {  
  
    void go(int speed, Direction direction);
```

Available In:

sonarlint

sonarcloud

sonarqube

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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>