




 Secrets


 ABAP


 Apex


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 C++


 CloudFormation


 COBOL


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 Flex


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 **Java**


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 Python


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 Scala


 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

Classes should not be empty

Analyze your code

Code Smell

Minor

clumsy

There is no good excuse for an empty class. If it's being used simply as a common extension point, it should be replaced with an `interface`. If it was stubbed in as a placeholder for future development it should be fleshed-out. In any other case, it should be eliminated.

Noncompliant Code Example

```
public class Nothing { // Noncompliant
}
```

Compliant Solution

```
public interface Nothing {
}
```

Exceptions

Empty classes can be used as marker types (for Spring for instance), therefore empty classes that are annotated will be ignored.

```
@Configuration
@EnableWebMvc
public final class ApplicationConfiguration {

}
```

Available In:

sonarlint

sonarcloud

sonarqube

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