




 Secrets


 ABAP


 Apex


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 C++


 CloudFormation


 COBOL


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 **Java**


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


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 VB.NET

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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

Unused labels should be removed

Analyze your code

Code Smell

Major ?

cert unused

If a label is declared but not used in the program, it can be considered as dead code and should therefore be removed.

This will improve maintainability as developers will not wonder what this label is used for.

Noncompliant Code Example

```
void foo() {
    outer: //label is not used.
    for(int i = 0; i<10; i++) {
        break;
    }
}
```

Compliant Solution

```
void foo() {
    for(int i = 0; i<10; i++) {
        break;
    }
}
```

See

- [CERT, MSC12-C](#) - Detect and remove code that has no effect or is never executed

Available In:

sonarlint

sonarcloud

sonarqube

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|   |
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| <div>Local-Variable Type Inference should be used</div> <div> Code Smell</div>                 |
| <div>Migrate your tests from JUnit4 to the new JUnit5 annotations</div> <div> Code Smell</div> |
| <div>Track uses of disallowed classes</div> <div> Code Smell</div>                             |
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