sonar

RULES

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

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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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Tags

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

## Track lack of copyright and license headers

Analyze your code

Code Smell

Blocker

Each source file should start with a header stating file ownership and the license which must be used to distribute the application.

This rule must be fed with the header text that is expected at the beginning of every file.

### Compliant Solution

```
/*
 * SonarQube, open source software quality management tool.
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 */
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1451

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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>                             |
| <div>Track uses of "@SuppressWarnings" annotations</div> <div> Code Smell</div>                |