

































-  Secrets
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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

Double Brace Initialization should not be used

Analyze your code

Bug

Minor

leak

Because Double Brace Initialization (DBI) creates an anonymous class with a reference to the instance of the owning object, its use can lead to memory leaks if the anonymous inner class is returned and held by other objects. Even when there's no leak, DBI is so obscure that it's bound to confuse most maintainers.

For collections, use `Arrays.asList` instead, or explicitly add each item directly to the collection.

Noncompliant Code Example

```
Map source = new HashMap(){ // Noncompliant
    put("firstName", "John");
    put("lastName", "Smith");
};
```

Compliant Solution

```
Map source = new HashMap();
// ...
source.put("firstName", "John");
source.put("lastName", "Smith");
// ...
```

Available In:

sonarlint | sonarcloud | sonarqube

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https://rules.sonarsource.com/java/RSPEC-3599

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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>
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