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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

Comparators should be "Serializable"

Analyze your code

Code SmellCritical?serialization pitfall

A non-serializable Comparator can prevent an otherwise-Serializable ordered collection from being serializable. Since the overhead to make a Comparator serializable is usually low, doing so can be considered good defensive programming.

Noncompliant Code Example

```
public class FruitComparator implements Comparator<Fruit> {
    int compare(Fruit f1, Fruit f2) {...}
    boolean equals(Object obj) {...}
}
```

Compliant Solution

```
public class FruitComparator implements Comparator<Fruit>, Serializable {
    private static final long serialVersionUID = 1;

    int compare(Fruit f1, Fruit f2) {...}
    boolean equals(Object obj) {...}
}
```

Available In:

sonarlint | sonarcloud | sonarqube

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https://rules.sonarsource.com/java/RSPEC-2063

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