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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

"Iterator.next()" methods should throw "NoSuchElementException"

Analyze your code

BugMinor🔍error-handling unpredictable

By contract, any implementation of the `java.util.Iterator.next()` method should throw a `NoSuchElementException` exception when the iteration has no more elements. Any other behavior when the iteration is done could lead to unexpected behavior for users of this `Iterator`.

Noncompliant Code Example

```
public class MyIterator implements Iterator<String>{
    ...
    public String next(){
        if(!hasNext()){
            return null;
        }
        ...
    }
}
```

Compliant Solution

```
public class MyIterator implements Iterator<String>{
    ...
    public String next(){
        if(!hasNext()){
            throw new NoSuchElementException();
        }
        ...
    }
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-2272

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