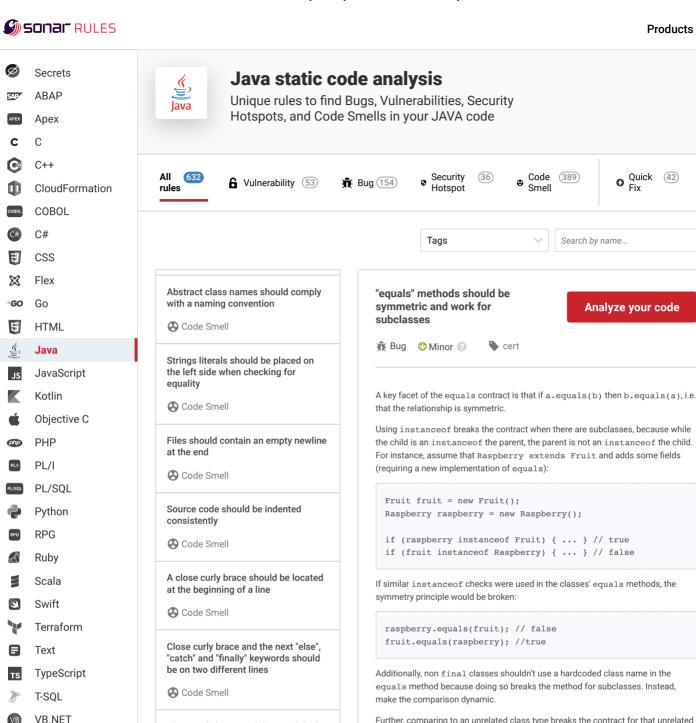
Products ~

O Quick 42

Q



Close curly brace and the next "else",

"catch" and "finally" keywords should

An open curly brace should be located

An open curly brace should be located

Tabulation characters should not be

Functions should not be defined with

a variable number of arguments

be located on the same line

at the beginning of a line

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at the end of a line

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used

Additionally, non-final classes shouldn't use a hardcoded class name in the equals method because doing so breaks the method for subclasses. Instead,

Further, comparing to an unrelated class type breaks the contract for that unrelated type, because while thisClass.equals(unrelatedClass) can return true, unrelatedClass.equals(thisClass) will not.

Noncompliant Code Example

```
public class Fruit extends Food {
private Season ripe;
public boolean equals(Object obj) {
  if (obj == this) {
     return true:
   if (obj == null) {
     return false:
  if (Fruit.class == obj.getClass()) { // Noncompliant; br
     return ripe.equals(((Fruit)obj).getRipe());
   if (obj instanceof Fruit ) { // Noncompliant; broken fo
     return ripe.equals(((Fruit)obj).getRipe());
  else if (obj instanceof Season) { // Noncompliant; symme
```

VB6

XML

Local-Variable Type Inference should be used

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Migrate your tests from JUnit4 to the new JUnit5 annotations

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Track uses of disallowed classes

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Track uses of "@SuppressWarnings" annotations

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```
//...
```

Compliant Solution

```
public class Fruit extends Food {
private Season ripe;
public boolean equals(Object obj) {
  if (obj == this) {
    return true;
  if (obj == null) {
    return false;
  if (this.getClass() == obj.getClass()) {
   return ripe.equals(((Fruit)obj).getRipe());
  }
  return false;
```

See

• CERT, MET08-J. - Preserve the equality contract when overriding the equals() method

Available In:



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