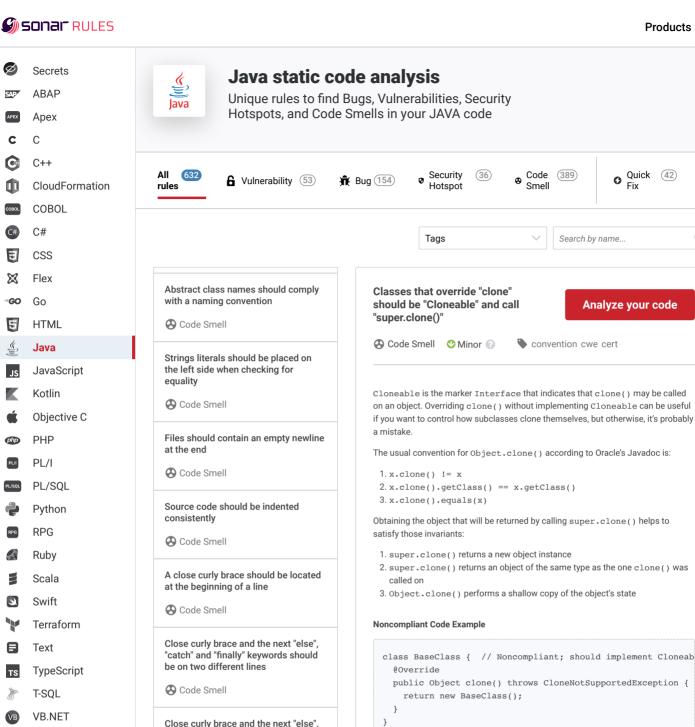


Products ✓

O Quick 42 Fix



"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

Code Smell

Code Smell

at the end of a line

Code Smell

Code Smell

Code Smell

used

```
class BaseClass { // Noncompliant; should implement Cloneab
  public Object clone() throws CloneNotSupportedException {
class DerivedClass extends BaseClass implements Cloneable {
  /* Does not override clone() */
  public void sayHello() {
    System.out.println("Hello, world!");
class Application {
  public static void main(String[] args) throws Exception {
    DerivedClass instance = new DerivedClass():
    ((DerivedClass) instance.clone()).sayHello();
```

Compliant Solution

```
class BaseClass implements Cloneable {
  public Object clone() throws CloneNotSupportedException {
    return super.clone();
```

VB₆

XML

Local-Variable Type Inference should be used

Code Smell

Migrate your tests from JUnit4 to the new JUnit5 annotations

Code Smell

Track uses of disallowed classes

Code Smell

Track uses of "@SuppressWarnings" annotations

Code Smell

```
class DerivedClass extends BaseClass implements Cloneable {
    /* Does not override clone() */

    public void sayHello() {
        System.out.println("Hello, world!");
    }
}

class Application {
    public static void main(String[] args) throws Exception {
        DerivedClass instance = new DerivedClass();
        ((DerivedClass) instance.clone()).sayHello();
    }
}
```

See

- MITRE, CWE-580 clone() Method Without super.clone()
- CERT, MET53-J. Ensure that the clone() method calls super.clone()

Available In:

sonarlint ⊖ | sonarcloud 👌 | sonarqube

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved.

Privacy Policy