Security

Hotspot

Tags

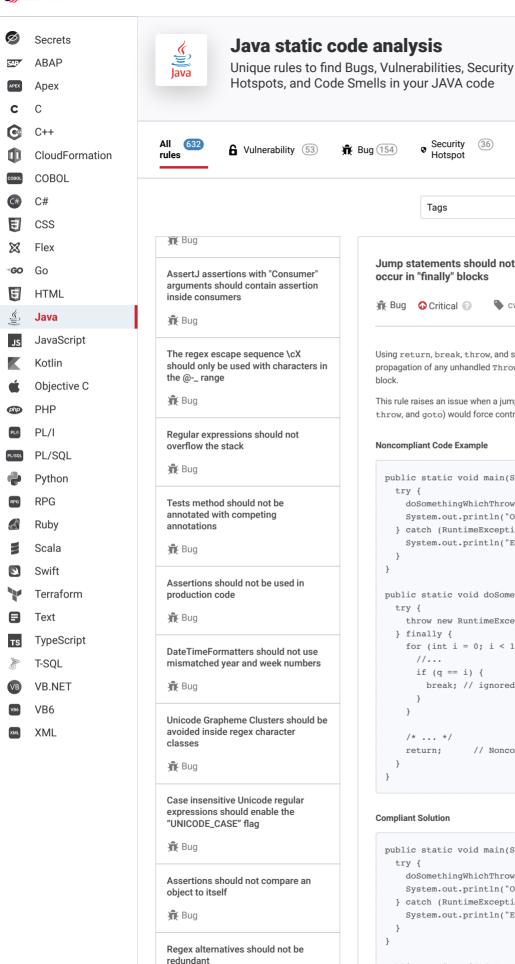
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Products ~

O Quick 42 Fix

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```
Jump statements should not
                                            Analyze your code
occur in "finally" blocks
Rug Oritical O
                        cwe error-handling cert
Using return, break, throw, and so on from a finally block suppresses the
propagation of any unhandled Throwable which was thrown in the try or catch
This rule raises an issue when a jump statement (break, continue, return,
throw, and goto) would force control flow to leave a finally block.
Noncompliant Code Example
 public static void main(String[] args) {
   try {
     doSomethingWhichThrowsException();
      System.out.println("OK"); // incorrect "OK" message is
   } catch (RuntimeException e) {
      System.out.println("ERROR"); // this message is not sho
 public static void doSomethingWhichThrowsException() {
      throw new RuntimeException();
   } finally {
      for (int i = 0; i < 10; i ++) {
       //...
        if (q == i) {
          break; // ignored
      /* ... */
      return;
                    // Noncompliant - prevents the RuntimeExcep
Compliant Solution
```

public static void main(String[] args) {

doSomethingWhichThrowsException();

System.out.println("ERROR"); // "ERROR" is printed as e

public static void doSomethingWhichThrowsException() {

System.out.println("OK");

} catch (RuntimeException e) {

throw new RuntimeException();

try {

try {

} finally {

}

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R Bug

Alternatives in regular expressions

should be grouped when used with anchors

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AssertJ methods setting the assertion context should come before an assertion

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AssertJ configuration should be applied

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JUnit5 test classes and methods should not be silently ignored

👬 Bug

```
for (int i = 0; i < 10; i ++) {
 //...
 if (q == i) {
   break; // ignored
/* ... */
```

## See

- MITRE, CWE-584 Return Inside Finally Block
- CERT, ERR04-J. Do not complete abruptly from a finally block

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