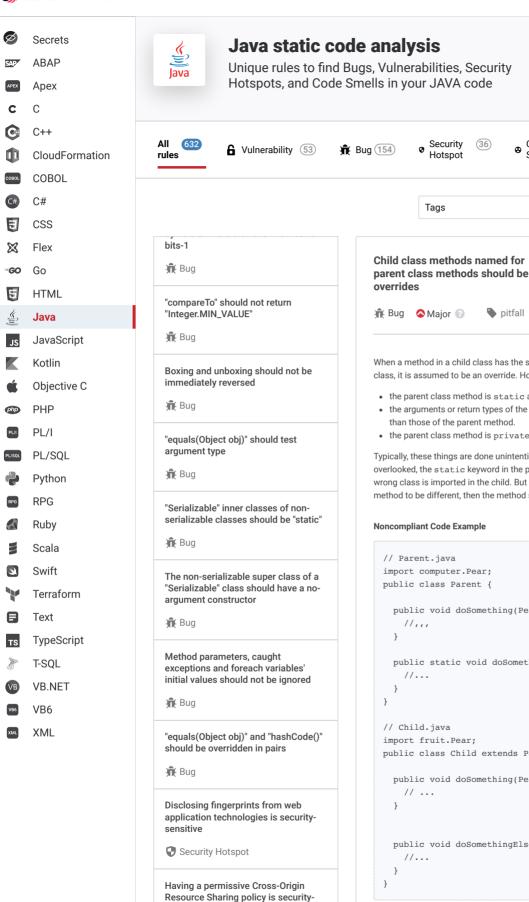


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Analyze your code



Security Hotspot

Security Hotspot

sensitive

Delivering code in production with

debug features activated is security-

Search by name. Tags Child class methods named for

⊗ Code

Smell

(389)

When a method in a child class has the same signature as a method in a parent class, it is assumed to be an override. However, that's not the case when:

• the parent class method is static and the child class method is not.

pitfall

- the arguments or return types of the child method are in different packages than those of the parent method
- the parent class method is private.

Security

Hotspot

(36)

Typically, these things are done unintentionally; the private parent class method is overlooked, the ${\tt static}$ keyword in the parent declaration is overlooked, or the wrong class is imported in the child. But if the intent is truly for the child class method to be different, then the method should be renamed to prevent confusion.

Noncompliant Code Example

```
// Parent.iava
import computer.Pear;
public class Parent {
 public void doSomething(Pear p) {
 public static void doSomethingElse() {
    //...
// Child.java
import fruit.Pear;
public class Child extends Parent {
 public void doSomething(Pear p) { // Noncompliant; this i
 public void doSomethingElse() { // Noncompliant; parent m
    //...
```

Compliant Solution

```
// Parent.java
import computer.Pear;
public class Parent {
  public void doSomething(Pear p) {
```

Searching OS commands in PATH is security-sensitive

Security Hotspot

Allowing both safe and unsafe HTTP methods is security-sensitive

Security Hotspot

Creating cookies without the "HttpOnly" flag is security-sensitive

Security Hotspot

Creating cookies without the "secure" flag is security-sensitive

Security Hotspot

```
public static void doSomethingElse() {
    //...
}
// Child.java
import computer.Pear; // import corrected
public class Child extends Parent {
  public void doSomething(Pear p) { // true override (see i
    //,,,
  public static void doSomethingElse() {
}
```

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