



## VERACODE

## ⚠ Caution

## Breaking Flaws Identified in code!

Fixes for src/main/java/com/veracode/verademo/controller/ResetController.java:

Falws found for this file:

CWE 117 - Improper Output Neutralization for Logs - Severity 3 on line 193 for Issue 1158

CWE 117 - Improper Output Neutralization for Logs - Severity 3 on line 132 for Issue 1159

CWE 117 - Improper Output Neutralization for Logs - Severity 3 on line 109 for Issue 1134

CWE 117 - Improper Output Neutralization for Logs - Severity 3 on line 194 for Issue 1147

CWE 117 - Improper Output Neutralization for Logs - Severity 3 on line 159 for Issue 1154

Fix suggestions:

```
--- src/main/java/com/veracode/verademo/controller/ResetController.java
+++ src/main/java/com/veracode/verademo/controller/ResetController.java
@@ -26,6 +26,9 @@
 import java.io.File;
 import java.io.FileReader;
 import java.io.IOException;
+import org.apache.commons.text.StringEscapeUtils;
+import org.apache.commons.lang3.StringUtils;
+import java.net.URLEncoder;

@Controller
@Scope("request")
@@ -186,7 +189,7 @@
        usersStatement = connect.prepareStatement(
            "INSERT INTO users (username, password, password_hint, created_at, las
        for (int i = 0; i < users.length; i++) {
-            logger.info("Adding user " + users[i].getUserName());
+            logger.info("Adding user " + StringUtils.normalizeSpace(users[i].getUserName())
            usersStatement.setString(1, users[i].getUserName());
            usersStatement.setString(2, users[i].getPassword());
            usersStatement.setString(3, users[i].getPasswordHint());
@@ -129,7 +132,7 @@
        String blabber = users[i].getUserName();
        String listener = users[j].getUserName();

-        logger.info("Adding " + listener + " as a listener of " + blab
+        logger.info("Adding " + StringEscapeUtils.escapeJava(listener)

        listenersStatement.setString(1, blabber);
        listenersStatement.setString(2, listener);
@@ -156,7 +159,7 @@
        long vary = rand.nextInt(30 + 24 + 3600);

        String username = users[randomUserOffset].getUserName();
-        logger.info("Adding a blab for " + username);
+        logger.info("Adding a blab for " + StringUtils.normalizeSpace(username));

        blabsStatement.setString(1, username);
        blabsStatement.setString(2, blabContent);
@@ -190,8 +193,8 @@
        // get the number of seconds until some time in the last 30 days.
        long vary = rand.nextInt(30 + 24 + 3600);

-        logger.info("Adding a comment from " + username + " on blab ID " + Str
-        logger.info("Adding another comment from " + username + " on blab ID "
+        logger.info("Adding a comment from " + StringEscapeUtils.escapeJava(us
+        logger.info("Adding another comment from " + username + " on blab ID "
        commentsStatement.setInt(1, 1);
        commentsStatement.setString(2, username);
        commentsStatement.setString(3, comment);
```

