

Project Explorer

CWE526_Info_Exposure_Environment_Variables__basic_08

CWE526_Info_Exposure_Environment_Variables__basic_09

CWE526_Info_Exposure_Environment_Variables__basic_10

CWE526_Info_Exposure_Environment_Variables__basic_11

CWE526_Info_Exposure_Environment_Variables__basic_12

CWE526_Info_Exposure_Environment_Variables__basic_13

CWE526_Info_Exposure_Environment_Variables__basic_14

CWE526_Info_Exposure_Environment_Variables__basic_15

CWE526_Info_Exposure_Environment_Variables__basic_16

CWE526_Info_Exposure_Environment_Variables__basic_17

CWE526_Info_Exposure_Environment_Variables__basic_18

CWE526_Info_Exposure_Environment_Variables__basic_20_m

CWE534_Info_Exposure_Debug_Log__w32_char_01

CWE534_Info_Exposure_Debug_Log__w32_char_02

CWE534_Info_Exposure_Debug_Log__w32_char_03

CWE534_Info_Exposure_Debug_Log__w32_char_04

CWE534_Info_Exposure_Debug_Log__w32_char_05

CWE534_Info_Exposure_Debug_Log__w32_char_06

CWE534_Info_Exposure_Debug_Log__w32_char_07

Outline

Task List

std_testcase.h

CWE526_Info_Exposure_Environment_Variables__basic_10.c

...

io.c

CWE526_Info_Exposure_Environment_Variables__basic_10.c

```
19
20 void CWE526_Info_Exposure_Environment_Variables__basic_10_bad()
21 {
22     if(globalTrue)
23     {
24         /* FLAW: environment variable exposed */
25         printLine(getenv("PATH"));
26     }
27 }
28
29 #endif /* OMITBAD */
30
31 #ifndef OMITGOOD
32
33 /* good1() uses if(globalFalse) instead of if(globalTrue) */
34 static void good1()
35 {
36     if(globalFalse)
37     {
38         /* INCIDENTAL: CWE 561 Dead Code, the code below will never run */
39     }
40 }
41
42 #endif
```

Problems

Tasks

Search

Console

0 errors, 2 warnings, 0 others

Description	Resource	Path	Location
Information Exposure Bug Detected	io.c	/CWE526_Info_Exposure_Environment_Va	line 13
localizer not-in-place Quick fix available	CWE526_Info_Exposur	/CWE526_Info_Exposure_Environment_Va	line 25

localizer not-in-place Quick fix available

```
19
20 void CWE526_Info_Exposure_Environment_Variables__basic_10_bad()
21 {
22     if(globalTrue)
23     {
24         /* FLAW: environment variable exposed */
25         printLine(getenv("PATH"));
26
27
28
29
30
31
32
33
34
35
36
37
38
```

Quick fix available

Problem description: localizer not-in-place Quick fix available



Refactoring

Select the option below



- ☐ Earliest quick fix(s)
- ☒ Latest quick fix(s)

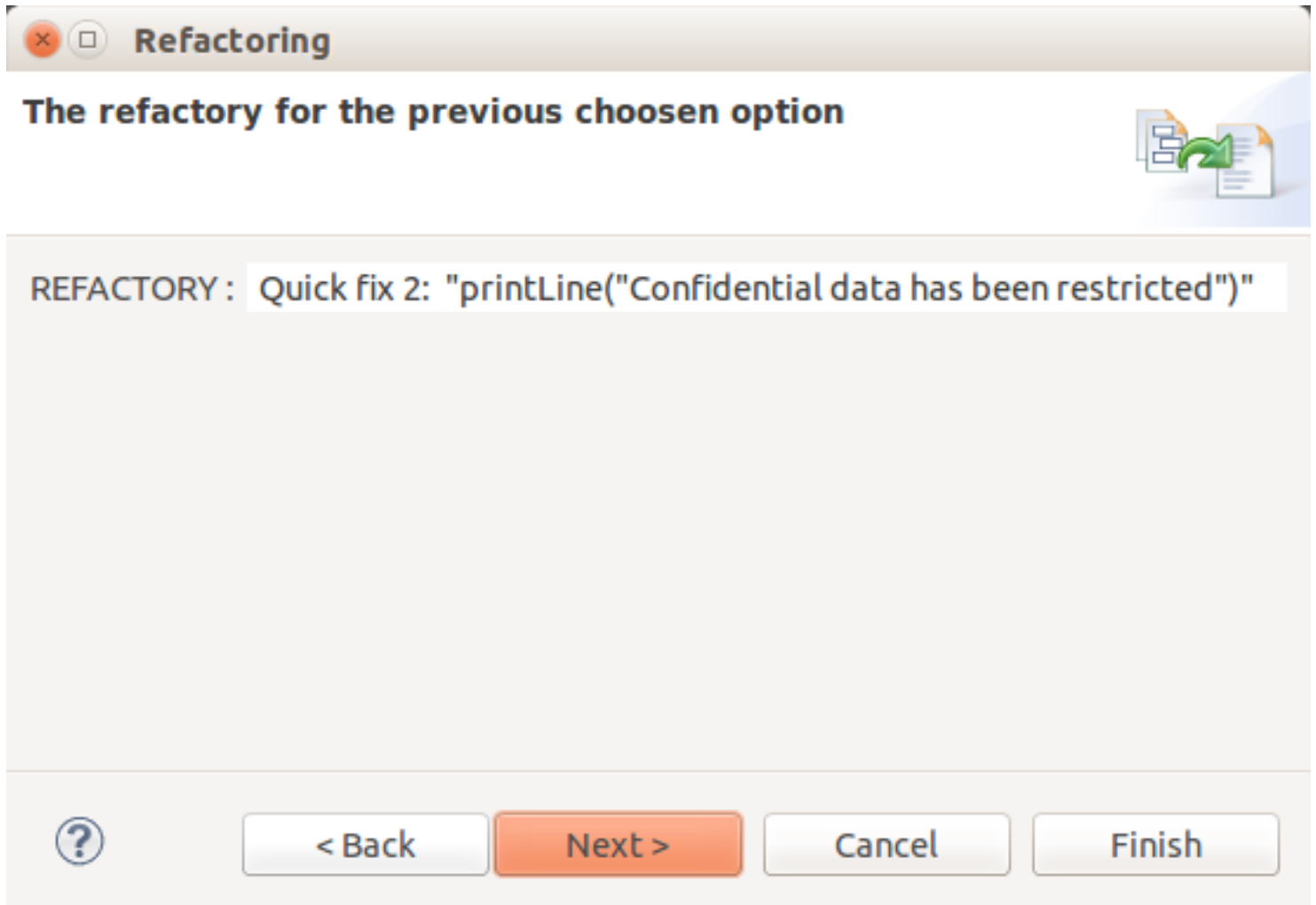


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Cancel

Finish



Refactoring

The following changes are necessary to perform the refactoring.

Changes to be performed

☒ CWE526_Info_Exposure_Environment_Variables_basic_10.c - CWE526_Info_Exposure_Environment_Variables_basic_10/src

CWE526_Info_Exposure_Environment_Variables_basic_10.c

Original Source

```
21{
22    if(globalTrue)
23    {
24        /* FLAW: environment variable exposed */
25        printLine(getenv("PATH"));
26    }
27}
28
29#endif /* OMITBAD */
30
31#ifndef OMITGOOD
32
```

Refactored Source

```
21{
22    if(globalTrue)
23    {
24        /* FLAW: environment variable exposed */
25        printLine("Confidential data has been restricted");
26    }
27}
28
29#endif /* OMITBAD */
30
31#ifndef OMITGOOD
32
```



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Cancel

Finish