Bug 000002 – System crash

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Status: solved Reported: 2013-03-18 16:00 EDT by LIAO Shun

Product: Code-Similarity Assigned to: YUAN Siyan

Component:

Version: unspecified

Platform: PC Microsoft Windows 7

Importance: critical

LIAO Shun 2013-03-18 16:00 EDT

When I followed the instructions in the readme file: input two paths of the file into the program. The program simply crashed.

The error message as follow:

=======================================================================================

>java -jar cs.jar

Please enter original name:H:\original.c

Please enter target name:H:\target.c

LineByLine Comparar : 66.67%

Exception in thread "main" java.lang.StringIndexOutOfBoundsException: String index out of range: 3

at java.lang.String.charAt(String.java:658)

at java.util.regex.Matcher.appendReplacement(Matcher.java:762)

at edu.hkcity.cs.Utility.replace(Utility.java:208)

at edu.hkcity.cs.FuncByFuncComparar.compare(FuncByFuncComparar.java:64)

at edu.hkcity.cs.Input.getInput(Input.java:92)

at edu.hkcity.cs.Main.main(Main.java:13)

=======================================================================================

The input files are in the appendix.

[Solved]YUAN Siyan 2013-03-23 19:25 EDT

It seems that the stack is overflowed when executing Utility::replace() function. After check the stack status during execution and the input source, the error occurs when handling the special escaping character, “\”. The Problem solved by erasing the “\” from the input string.

EOF

Appendix:

original.c  
<<< START

int main() {

printf("Hello World\n");

}

<<<EOF

target.c  
<<< START

int main() {

printf("Sorry World\n");

}

<<<EOF