Subject: SOLVED - When I try to do the exe on computer I get has encountered a problem
Posted by silverx on Fri, 03 Jun 2011 18:07:00 GMT
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I created a couple of programs. I can run them on the vista machine I created the program, and then when I try on another computer running XP SP3, they run fine, but if I try and run them on yet another computer also running XP SP2, but I upgraded to SP3 as well it gives me:

 xxx.exe has encountered a problem and needs to close. We are sorry for the inconvenience. Send Error Report, or Don't Send.

While I can see the data that it has with the I can't copy it to even send to any one. The data doesn't stay around long enough for me to even copy it.

I have attached the code, and the exe in a zip file. This is a stripped down system information example to just get a few simple items and put in a prompt box to view the information.

Is there anything I can do to make it easier to find the issue on the one system that my programs are not working?

The simple gui01 does work on it just fine, as I did try that on the machine.

I did try it on a windows 7 system, and they did run fine. I only have limited access to the windows 7 system as it is strictly remote access and not very fast.

Thanks

David

File Attachments
1) mysysinfo.zip, downloaded 600 times

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by koldo on Sat, 04 Jun 2011 07:22:44 GMT
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Hello SilverX

I have compiled your sample. As XSysInfo package is not included, I added SysInfo package and changed <XSysInfo/XSysInfo.h> to <SysInfo/SysInfo.h>.

In my PC it compiles and runs perfectly.

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by silverx on Sat, 04 Jun 2011 07:31:30 GMT
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I am added zip for the xsysinfo.h and that. The reason I used it is the sysinfo package gives me a error code about an entry point not found, and will not compile. So I had to modify it to not include those items, and only include the functions I need.

As I say I can get it to work just fine on 3 out of 4 machines just fine.

I don't know why on the one machine it doesn't run.

File Attachments
1) xsysinfo.zip, downloaded 529 times

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by koldo on Sat, 04 Jun 2011 08:45:40 GMT
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Hello SilverX

AFAIK the problem you detected was solved in this post. Changes were uploaded to Bazaar.

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by silverx on Sat, 04 Jun 2011 12:42:34 GMT
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Yes, I know it was fixed, but that was after I stripped it down to just what I needed.

Further on the issue, I found the statement that it is having the problem with. I got IDA disassembler, and using the address from the information I found the instruction. Also the IDA disassembler allows you to run the code, and it gave me the illegal instruction on the same instruction.

It is in the Upp::StdConvertDouble code.

I also compiled and linked the code for bombs.exe and it runs fine on all of the computers including the one that I am having the issue with my program with.

I then used the IDA disassembler on bombs.exe and found the same code.

Interesting, it is not the same code. My uses MOVSD which is the illegal instruction.

Attached is a zip with 2 files in it. one with bombs.txt, which is the code from bombs.exe the other mysysinfo.txt from code of my program.

Not sure why the code is different for this function, as both were compiled and linked on the same computer. And I didn't change any linking option between them.

Any possible reason for this difference in the compiled code?

smaller part of code from mysysinfo

```
mov     ecx, $S20
or      ecx, 1
mov     $S20, ecx
mov     [ebp+var_4], 0
push    0
movsd   xmm0, ds:qword_8DB838
xorpd   xmm0, oword ptr ds:__mask@@NegDouble@
sub     esp, 8
movsd   [esp+1Ch+var_1C], xmm0
sub     esp, 8
fld     ds:qword_8DB838
fstp    [esp+24h+var_24]
mov     ecx, offset unk_AFE170
call    j_Upp__ConvertDouble__ConvertDouble
push    offset  _Upp__StdConvertDouble____2____dynamic_atexit_destructor_for __x__ ;
_onexit_t
call    atexit
add     esp, 4
mov     [ebp+var_4], 0FFFFFFFFh
```

The code from bombs for the same part of the code

```
mov     ecx, $S20
or      ecx, 1
mov     $S20, ecx
mov     [ebp+var_4], 0
push    0
fld     ds:dbl_7845E8
fchs
sub     esp, 8
fstp    [esp+1Ch+var_1C]
sub     esp, 8
fld     ds:dbl_7845E8
fstp    [esp+24h+var_24]
mov     ecx, offset unk_947D28
call    j_Upp__ConvertDouble__ConvertDouble
push    offset  _Upp__StdConvertDouble____2____dynamic_atexit_destructor_for __x__ ;
```

```
_onexit_t
call    atexit
add     esp, 4
mov     [ebp+var_4], 0FFFFFFFFh
```

Just a few lines are different, it uses fstp instead of movsd.

Any idea's on why and how to get them to generate the same code?

David

File Attachments

1) codedif.zip, downloaded 507 times

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by silverx on Sat, 04 Jun 2011 14:17:10 GMT
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Good news I found the issue. I had it set to GUI SSE, and the processor on the one it is not working doesn't is very old.

I changed the setting to just GUI and rebuild it all, and then tried it, and it works. I also checked the code and it looked like the booms.exe.

So problem is solved.

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by koldo on Sun, 05 Jun 2011 05:03:35 GMT
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Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by nlneilson on Sat, 11 Jun 2011 09:33:48 GMT
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Hi David

I was just curious as to why you chose the IDA disassembler?

I tried that and it seems to break an .exe file down OK but haven't taken the time to try and understand it.

I have the latest sqlite but still can't open their Help file.

Subject: Re: When I try to do the exe on computer I get xx.exe has encountered a problem and needs to close.
Posted by silverx on Sat, 03 Sep 2011 13:01:06 GMT
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I use it as it is free. And it appears to do a an ok job for me. If someone knows of a better free one, then I will give it a try as well.

David
