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 377 times