

# Re: minidump analysis

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-12/msg00529.html>

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- *From:* Droopy <[droopytoonospam@xxxxxxxxxxxxx](mailto:droopytoonospam@xxxxxxxxxxxxx)>
  - *Date:* 02 Dec 2005 10:17:41 GMT
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Droopy <[droopytoonospam@xxxxxxxxxxxxx](mailto:droopytoonospam@xxxxxxxxxxxxx)> wrote in  
[news:Xns971FABF87217Cdroopytoonospamhotm@xxxxxxxxxxxxx](mailto:news:Xns971FABF87217Cdroopytoonospamhotm@xxxxxxxxxxxxx):

> Hi,  
>  
> I wrote a C# application that seems to run quite well in our room.  
> Now, it is also running in another room and it crashes from time to  
> time. There is the following error in the LogEvent :  
>  
> "Faulting application IPRRrouting.exe, version 1.10.50.19217, faulting  
> module kernel32.dll, version 5.1.2600.2180, fault address 0x000107f8."  
>  
> A previous crash (on another PC) lead to following error :  
>  
> "Faulting application IPRRrouting.exe, version 1.10.50.19217, faulting  
> module mssock.dll, version 5.1.2600.2180, fault address 0x00002c61."  
>  
> A window asking to send error to Microsoft appears and a minidump is  
> generated.  
>  
> I tried to analyse this minidump but it does not give me many clue  
> about the problem. The only thing I see is "Stack buffer overflow" but  
> is it really the source of the problem and if yes, what is the code  
> that lead to this error ?  
>  
> Here is the output from WinDbg :  
>  
>  
> Microsoft (R) Windows Debugger Version 6.1.0017.2  
> Copyright (c) Microsoft Corporation. All rights reserved.  
>  
>  
> Loading Dump File [C:\tmp\Tobo\WER5181.dir00\IPRRouting.exe.mdmp]  
> User Mini Dump File: Only registers, stack and portions of memory are  
> available  
>  
> Windows XP Version 2600 (Service Pack 2) MP (2 procs) Free x86  
> compatible Product: WinNt, suite: SingleUserTS

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> Debug session time: Thu Dec 01 15:30:40 2005
> System Uptime: not available
> Process Uptime: 3 days 3:35:33.000
> Symbol search path is: srv*c:
> \symbols*http://msdl.microsoft.com/download/symbols
> Executable search path is:
> .....
> .. .....
> (1048.ad8): Stack buffer overflow - code c0000409 (!!! second chance
> !!!) eax=06fb0000 ebx=7c910331 ecx=00001000 edx=7c90eb94 esi=00001ebc
> edi= 00000000
> eip=7c90eb94 esp=08e3ae4c ebp=08e3aeb0 iopl=0  nv up ei ng nz
> ac po cy
> cs=001b ss=0023 ds=0023 es=0023 fs=003b gs=0000 efl=
> 00000297
> ntdll!KiFastSystemCallRet:
> 7c90eb94 c3 ret
> 0:011> !analyse -v
> No export analyse found
> 0:011> kd
> ntdll!KiFastSystemCallRet
> 08e3ae48 00000000
> 08e3ae4c 7c90e9c0 ntdll!ZwWaitForSingleObject+0xc
> 08e3ae50 7c8025db kernel32!WaitForSingleObjectEx+0xa8
> 08e3ae54 00001ebc
> 08e3ae58 00000000
> 08e3ae5c 08e3ae80
> 08e3ae60 00000000
> 08e3ae64 00000001
> 08e3ae68 7c910331 ntdll!RtlGetLastWin32Error
> 08e3ae6c 00000014
> 08e3ae70 00000001
> 08e3ae74 00000000
> 08e3ae78 00000000
> 08e3ae7c 00000010
> 08e3ae80 4d2fa200
> 08e3ae84 ffffffff
> 08e3ae88 7ffdc000
> 08e3ae8c 7ffab000
> 08e3ae90 08e3ae80
> 08e3ae94 08e3b004
>
> Here is the output for previous crash :
>
> Microsoft (R) Windows Debugger Version 6.1.0017.2
> Copyright (c) Microsoft Corporation. All rights reserved.
>
>
> Loading Dump File [C:\tmp\Tobo\WERe643.dir00\IPRRouting.exe.mdmp]
> User Mini Dump File: Only registers, stack and portions of memory are
> available
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```
>
> Windows XP Version 2600 (Service Pack 2) MP (2 procs) Free x86
> compatible Product: WinNt, suite: SingleUserTS
> Debug session time: Tue Nov 29 08:35:34 2005
> System Uptime: not available
> Process Uptime: 0 days 20:42:26.000
> Symbol search path is: srv*c:
> \symbols*http://msdl.microsoft.com/download/symbols
> Executable search path is:
> .....
> ..
> (814.830): Stack buffer overflow - code c0000409 (!!! second chance
> !!!) eax=07be0000 ebx=7c910331 ecx=00001000 edx=7c90eb94 esi=000017a8
> edi= 00000000
> eip=7c90eb94 esp=0ba7b2d4 ebp=0ba7b338 iopl=0  nv up ei ng nz
> ac po cy
> cs=001b  ss=0023  ds=0023  es=0023  fs=003b  gs=0000  efl=
> 00000297
> ntdll!KiFastSystemCallRet:
> 7c90eb94 c3 ret
> 0:054> !analyse -v
> No export analyse found
> 0:054> kd
> ntdll!KiFastSystemCallRet
> 0ba7b2d0 00000000
> 0ba7b2d4 7c90e9c0 ntdll!ZwWaitForSingleObject+0xc
> 0ba7b2d8 7c8025db kernel32!WaitForSingleObjectEx+0xa8
> 0ba7b2dc 000017a8
> 0ba7b2e0 00000000
> 0ba7b2e4 0ba7b308
> 0ba7b2e8 00000000
> 0ba7b2ec 00000001
> 0ba7b2f0 7c910331 ntdll!RtlGetLastWin32Error
> 0ba7b2f4 00000014
> 0ba7b2f8 00000001
> 0ba7b2fc 00000000
> 0ba7b300 00000000
> 0ba7b304 00000010
> 0ba7b308 4d2fa200
> 0ba7b30c ffffffff
> 0ba7b310 7ffde000
> 0ba7b314 7ff3d000
> 0ba7b318 0ba7b308
> 0ba7b31c 0ba7b48c
>
>
> I also tried to load the minidump in VisualStudio 2003.
>
> I got a first popup window with following text :
>
> "'IPRRouting.exe' does not contain debugging information. (No matching
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> binary found.) Click OK to debug anyway."  
>  
> I pushed the 'OK' button.  
> Then I got another popup window with following text :  
>  
> "Unhandled exception at 0x7c8107f8 in IPRRouting.exe.mdmp: 0xC0000409:  
> 0xc0000409."  
>  
> I pushed the 'Break' button.  
> Then I got another popup window with following text :  
>  
> "There is no source code available for the current location."  
> I pushed the 'OK' button.  
>  
> I can only see the following lines in Call Stack window :  
>  
> kernel32.dll!7c8107f8()  
> kernel32.dll!7c8107f8()  
>  
> With the previous crash, I saw these lines in Call Stack window :  
>  
> mswsock.dll!71a52c61()  
> mscorwks.dll!791f92c9()  
> mscorwks.dll!791f92c9()  
> mscorwks.dll!791dc00f()  
> mscorwks.dll!791dc017()  
> mscorwks.dll!791dbfa4()  
> mscorwks.dll!791def4f()  
> mscorwks.dll!791da717()  
> mscorwks.dll!791da434()  
> mscorwks.dll!791d6e17()  
> mscorwks.dll!791da320()  
> mscorwks.dll!791da330()  
> mscorwks.dll!791b517f()  
> mscorwks.dll!791da58a()  
> mscorwks.dll!791b517f()  
> mscorwks.dll!791da5f6()  
> mscorwks.dll!792e518c()  
> mscorwks.dll!791c8c38()  
> mscorwks.dll!792e525b()  
>  
>  
> Any help would be greatly appreciated, I don't know where to look for  
> this problem !  
> Thanks in advance for your help,  
>  
> Regards,  
>  
> Droopy.  
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May be there is a more appropriate group than this one ?

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- **Follow-Ups:**
  - ◆ **Re: minidump analysis**
    - ◇ *From:* Willy Denoyette [MVP]
  
- **References:**
  - ◆ **minidump analysis**
    - ◇ *From:* Droopy
  
- Prev by Date: **Re: Generics n-tier design question**
- Next by Date: **RE: socket -client**
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