Subject: Re: Problems with IDL 6.0 on Red Hat Enterprise Linux
Posted by Liam Gumley on Thu, 18 Mar 2004 17:19:12 GMT

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Well, I should have done a bit more digging. Apparently when the default
shell is tcsh, you need to set LD_LIBRARY_PATH, e.g.

% setenv LD_LIBRARY_PATH /usr/lib

and the problem goes away.

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/

"Liam Gumley" <pip_book@mailinator.com> wrote in message
news:c3ckbdrcj1@news.doit.wisc.edu...
> Hey folks,
>
> We just installed IDL 6.0 on a Dell box running Red Hat Enterprise Linux
> (Intel 32-bit):
>
> $ uname -a
> Linux xxxx 2.4.21-9.0.1.ELsmp #1 SMP Mon Feb 9 22:26:51 EST 2004 i686 i686
> i386 GNU/Linux
>
> However I get the following error when I try and start the IDL demo:
>
> % Embedded IDL: Research Systems, Inc., IDL Demo.
> % Restored file: DEMO.
> % Error loading sharable executable.
>   Symbol: IDL_Load, File =
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/idl_xmlsax.so
>   libstdc++-libc6.2-2.so.3: cannot open shared object file: No such file
or
> directory
> % Error occurred at: DEMOOBJ__DEFINE
> %   OBJ_NEW
> %   DEMO
> % $MAIN$
> % Execution halted at: $MAIN$
>
> Does anyone have any suggestions? I thought I'd try the group before I
> contact RSI.
>
> Cheers,
> Liam.

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>
>

Subject: Re: Problems with IDL 6.0 on Red Hat Enterprise Linux
Posted by Nigel Wade on Thu, 18 Mar 2004 17:38:35 GMT
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Liam Gumley wrote:
> Hey folks,
>
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> (Intel 32-bit):
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> Linux xxxx 2.4.21-9.0.1.ELsmp #1 SMP Mon Feb 9 22:26:51 EST 2004 i686 i686
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> Cheers,
> Liam.
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> http://www.gumley.com/
>
>

In RH9 and FC1 that library is in compat-libstdc++-7.3-2.96.118.i386.rpm
I don't have RHEL, but there's a good chance the RPM will be the same.

Not that the demo is likely to work, though...

--
Nigel Wade, System Administrator, Space Plasma Physics Group,
        University of Leicester, Leicester, LE1 7RH, UK
E-mail :   nmw@ion.le.ac.uk
Phone :   +44 (0)116 2523548, Fax : +44 (0)116 2523555

Subject: Re: Problems with IDL 6.0 on Red Hat Enterprise Linux
Posted by Foldy Lajos on Thu, 18 Mar 2004 17:54:56 GMT

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On Thu, 18 Mar 2004, Liam Gumley wrote:

> Hey folks,
>
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> (Intel 32-bit):
>
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> % Execution halted at: $MAIN$
>
> Does anyone have any suggestions? I thought I'd try the group before I
> contact RSI.
>
> Cheers,
> Liam.
> Practical IDL Programming
> http://www.gumley.com/
>

Hi,

I don't use RHEL, but I guess the problem is that IDL was compiled against a different standard C++ library. On SuSE 9.0, this problem is solved by a 'compatibility' RPM, which contains different versions of the standard C++ library. Probably RHEL has something similar. As a dirty trick, you can try

 ln -s /usr/lib/libstdc++.so.5 /usr/lib/libstdc++-libc6.2-2.so.3

regards,
lajos