
Subject: Can't run idlde (7.0) on fedora 9
Posted by [JJ](#) on Tue, 26 Aug 2008 19:19:52 GMT
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I have a new linux box running fedora core 9. I have IDL 7.0 installed. IDL works fine, but when I try to run IDLDE, I receive the following error message:

```
Failed to load idl_jdml from /usr/local/itt/idl70/idlde/bin.linux.x86
(Use default IDL)
```

I read somewhere that this problem might be fixed by one of these:

```
yum install libstdc++.so.5
yum install compat-libstdc++-33
```

But I am still getting the same problem.

The platform is 64 bit. I'm pretty sure I installed the correct version of IDL.

Any help appreciated.

Thanks.

-Jonathan

Subject: Re: Can't run idlde (7.0) on fedora 9
Posted by [gsever](#) on Wed, 27 Aug 2008 20:24:48 GMT
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Hi,

Thanks for the response.

I couldn't browse your link and just did a google search found this:
5395:Firefox 3, XULRunner and IDL Help issue?

I couldn't find a patch link there either. Are we talking about the same problem?

I will be glad if you check this topic once more.

On Aug 27, 12:52 pm, bok...@itvvis.com wrote:

```
> On Aug 26, 8:24 pm, gsever <gokhanse...@gmail.com> wrote:
>
>
```

>
 >> Hi,
 >
 >> I was having a problem while I tried to launch IDL Workbench or Help
 >> window. My problem was with libxul and while I am at loading screen I
 >> was getting hotspot java virtual machine error.
 >
 >> I am a beginner in in Linux (I use RHEL 5.2) and also new in IDL. It
 >> took me a couple of hours to resolve these issues. Finally I get rid
 >> of the bug by uninstalling xulrunner and I had to install Firefox 3.0
 >> (it was a dependent file to xulrunner) It works fine but I downgraded
 >> my Firefox to v1.5.something. I think either producer of Xulrunner or
 >> IDL should release a patch about this problem.
 >
 >> I think for your case, best case would to ask a direct help from the
 >> IDL people.
 >
 >> On Aug 26, 2:19 pm, JJ <j...@cornell.edu> wrote:
 >
 >>> I have a new linux box running fedora core 9. I have IDL 7.0
 >>> installed. IDL works fine, but when I try to run IDLDE, I receive the
 >>> following error message:
 >
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 >>> (Use default IDL)
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 >>> I read somewhere that this problem might be fixed by one of these:
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 >>> yum install libstdc++.so.5
 >>> yum install compat-libstdc++-33
 >
 >>> But I am still getting the same problem.
 >
 >>> The platform is 64 bit. I'm pretty sure I installed the correct
 >>> version of IDL.
 >
 >>> Any help appreciated.
 >
 >>> Thanks.
 >
 >>> -Jonathan- Hide quoted text -
 >
 >> - Show quoted text -
 >
 > We have released a patch for this issue that is discussed in IDL Tech
 > Tip 4395 XULRunner patch for IDL 7.0:
 >
 > <http://www.ittvis.com/services/techtip.asp?db=INT&ttid=4395>

>
> The Tech Tip describes the issue and provides a link where you can
> download the patch.
>
> Regards,
>
> Bill Okubo
> IDL Product Manager
> ITT Visual Information Solutions
> bok...@ittvis.com
>
> www.ittvis.com/idl

Subject: Re: Can't run idlde (7.0) on fedora 9
Posted by [David Fanning](#) on Wed, 27 Aug 2008 20:52:07 GMT
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gsever writes:

> I couldn't browse your link and just did a google search found this:
> 5395:Firefox 3, XULRunner and IDL Help issue?
>
> I couldn't find a patch link there either. Are we talking about the
> same problem?

I had the same experience following the link. I wasn't
able to find the patch, either, although I did get on
to what appeared to be the ITTVIS technical support page.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Can't run idlde (7.0) on fedora 9
Posted by [JJ](#) on Thu, 28 Aug 2008 14:11:02 GMT
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The link did not work for me either. Perhaps this is another
manifestation of the ITTVIS web site being a bit broken (and Bill may

also have mistyped the tip#). As Bill Okubo wrote on a different thread yesterday: "We completely overhauled the ITT VIS website over the weekend and some things are still not working correctly."

Anyway, I did file a request with ITTVIS tech support yesterday and received this quick reply from one of the tech support folks:

```
> We've been running into issues with some 64-bit Linux distributions
> that are caused by the system not including some of the 32-bit
> libraries that the IDL 7.0 Workbench requires (even 64-bit IDL).
> You can track down which libraries are missing by cd-ing to the
> /usr/local/itt/idl70/idlde/bin.linux.x86 directory, and then issuing
> this command at the shell prompt:
>
> ldd libidl_jdml.so
>
> Please forward the results of this command to me, and I can tell
> you whether any of the missing libraries are required for the IDL
> Workbench. Usually then it is simply a matter of installing the
> missing libraries for your system.
>
> It may also be helpful for me to see the results of the following
> command in IDL:
>
> o=obj_new('idl_idlbridge')
>
> I'll look for this information for you. Hopefully it will quickly
> point out for us what is missing.
```

I returned the information yesterday at about 1pm, but have yet to hear back.

I'd rather go for installing a patch or installing some libraries than removing stuff from my system that might require me to downgrade my version of Firefox. So, I'm waiting to hear back from ITTVIS.

I did find another mention of this on the ITT user forum where a person said they only had to remove the i386 versions of Xulrunner and some other things to make it work - and this did not impact functionality because they still had the 64-bit versions.

from: <https://ittvis.net/forum/message.asp?fmid=5465>

```
> I just wanted to add that I was having the exact same problem with
> RHEL 5.2 64 bit.
>
> I did:
>
```

> yum remove xulrunner.i386
>
> It ended up removing xulrunner.i386, devhelp.i386, & firefox.i386. It
> fixed the problem with the IDLDE failing to open. I still have the
> 64bit versions of these packages installed so I haven't lost any
> functionality or usability by doing this.

Waiting to hear back from ITTVIS

-Jonathan

On Aug 27, 4:52 pm, David Fanning <n...@dfanning.com> wrote:

> gsever writes:
>> I couldn't browse your link and just did a google search found this:
>> 5395:Firefox 3, XULRunner and IDL Help issue?
>
>> I couldn't find a patch link there either. Are we talking about the
>> same problem?
>
> I had the same experience following the link. I wasn't
> able to find the patch, either, although I did get on
> to what appeared to be the ITTVIS technical support page.
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Can't run idlde (7.0) on fedora 9
Posted by [JJ](#) on Thu, 28 Aug 2008 16:08:28 GMT
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ITTVIS helped me resolve my problem. Thanks.

If any of you are in the same boat. It seems like my problem was not with the Xulrunner library. I did finally find and install the "IDL 7.0 Linux Firefox 3 Update" see how to get it at (http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/60d083e2d085e251/c4b994c4f2bea8b1#c4b994c4f2bea8b1), which supposedly takes care of the xulrunner thing, and that had no effect on my issue.

I don't actually know if my idl-help was working or not before that,

but it worked fine after that patch, and IDLDE still failed to work.

Anyway, for me, following the instructions from ITTVIS, the results of cd-ing to the /usr/local/itt/idl70/idlde/bin.linux.x86 directory, and then issuing this command "ldd libidl_jdml.so" was the following:

```
linux-gate.so.1 => (0x00110000)
libidl_dml.so => not found
libidl.so.7.0 => not found
libidl_ops.so.7.0 => not found
libidl_ipcclient.so.7.0 => not found
libXp.so.6 => not found
libXpm.so.4 => not found
libXmu.so.6 => not found
libXext.so.6 => /usr/lib/libXext.so.6 (0x002c4000)
libXt.so.6 => not found
libSM.so.6 => /usr/lib/libSM.so.6 (0x002d4000)
libICE.so.6 => /usr/lib/libICE.so.6 (0x002dc000)
libX11.so.6 => /usr/lib/libX11.so.6 (0x002f6000)
librt.so.1 => /lib/librt.so.1 (0x003f7000)
libpthread.so.0 => /lib/libpthread.so.0 (0x00401000)
libgcc_s.so.1 => /lib/libgcc_s.so.1 (0x0041a000)
libdl.so.2 => /lib/libdl.so.2 (0x00428000)
libm.so.6 => /lib/libm.so.6 (0x0042d000)
libc.so.6 => /lib/libc.so.6 (0x00456000)
libstdc++.so.5 => /usr/lib/libstdc++.so.5 (0x005bf000)
libXau.so.6 => /usr/lib/libXau.so.6 (0x00678000)
libuuid.so.1 => /lib/libuuid.so.1 (0x0067b000)
libxcb-xlib.so.0 => /usr/lib/libxcb-xlib.so.0 (0x0067f000)
libxcb.so.1 => /usr/lib/libxcb.so.1 (0x00681000)
/lib/ld-linux.so.2 (0x009aa000)
libXdmcp.so.6 => /usr/lib/libXdmcp.so.6 (0x0069d000)
```

I figured I just needed to install the missing ones. When I did a yum install on libXp, libXpm, libXmu, libXt I just got the reply that those libraries were installed and up to date. But the trick was to do a "yum update" with the complete name of each of the missing libraries. For example: "yum update libXp.so.6". After that everything worked.

I still get "not found" for the libidl* packages, but apparently that's not important.

-Jonathan

Subject: Re: Can't run idlde (7.0) on fedora 9

Posted by [gsever](#) on Thu, 28 Aug 2008 19:41:58 GMT

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I applied the patch that is listed on Downloads page of ITTVIS / IDL for Linux / Xulrunner issue and my IDL Workbench works fine with Firefox 3.

Thanks very much for the replies.
