
Subject: Re: IDL 7 on Ubuntu

Posted by [Rick Towler](#) on Thu, 20 Dec 2007 23:19:35 GMT

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Thanks Haje (and Doug).

I'm sure you saved me (and many others) a bunch of head scratching.

Now I'll get to use it until NOAA implements the Federal Desktop Core Configuration which will ban all "unauthorized" operating systems from the network (I believe using NAP) which includes just about all linux distros, Windows 2000, and even OS X. Don't worry, Vista gets the thumbs up. Microsoft worked closely with NIST in developing the FDCC. Funny how that works out.

Not to wander OT, but I'm curious. Any other federal types know of the impending changes? (I don't think this is just DOC.) It hasn't been talked about much outside of IT and management here.

-r

Haje Korth wrote:

> Alright, Doug solved this one. If you do the default install of Ubuntu 7.10,
> library libstdc++.so.5 is not installed. You need to use the package manager
> to install it separately. Now it works just fine!
>
> Thanks to ITTVIS,
> Haje
>
>
> "Haje Korth" <haje.korth@nospam.jhuapl.edu> wrote in message
> news:fkdqdm\$64r\$1@aplnetnews.jhuapl.edu...
>> Hi,
>> I have installed IDL 7 on an Ubuntu 7.10 virtual machine running in
>> parallels on my Mac. While the command line version runs just fine, the
>> DE unfortunately crashes. I need to sort out whether this is a VM issue
>> or an Ubuntu problem. So, question here: Does anyone have experience with
>> running IDL 7 on Ubuntu 7.10? Are there issues? Does it work?
>>
>> The error message is attached below. Especially the line "Can't load IA
>> 32-bit .so on a IA 32-bit platform" sounds absurd.
>>
>> Haje
>>
>>
>> Configuration info
>>

```

>> IDL : /usr/local/itt/idl70/idlde/./bin/bin.linux.x86 (Use default
>> IDL)
>>
>> BML : /usr/local/itt/idl70/idlde/bin.linux.x86 (Use default IDL)
>>
>> DML : /usr/local/itt/idl70/idlde/bin.linux.x86 (Use default IDL)
>>
>> JDML: /usr/local/itt/idl70/idlde/bin.linux.x86 (Use default IDL)
>>
>>
>> com.rsi.jdml.LibraryLoadException: Failed to load idl_jdml from
>> /usr/local/itt/idl70/idlde/bin.linux.x86
>>
>> at
>> com.rsi.jdml.PlatformSupport.loadNeededLibrary(PlatformSupport.java:170)
>>
>> at
>> com.rsi.jdml.PlatformSupport.loadLibraries(PlatformSupport.java:371)
>>
>> at com.rsi.jdml.DMLAccess.initializeDML(DMLAccess.java:178)
>>
>> at
>> com.rsi.idltd.core.IDLProcessManager.initializeDML(IDLProcessManager.java:236)
>>
>> at
>> com.rsi.idltd.core.IDLProcessManager.createIDLProcess(IDLProcessManager.java:105)
>>
>> at
>> com.rsi.idltd.core.IDLDTCorePlugin$PostCoreBundleStartJob.run(IDLDTCorePlugin.java:242)
>>
>> at org.eclipse.core.internal.jobs.Worker.run(Worker.java:55)
>>
>> Caused by: java.lang.UnsatisfiedLinkError:
>> /usr/local/itt/idl70/idlde/bin.linux.x86/libidl_jdml.so: Can't load IA
>> 32-bit .so on a IA 32-bit platform
>>
>> at java.lang.ClassLoader$NativeLibrary.load(Native Method)
>>
>> at java.lang.ClassLoader.loadLibrary0(ClassLoader.java:1751)
>>
>> at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1647)
>>
>> at java.lang.Runtime.load0(Runtime.java:769)
>>
>> at java.lang.System.load(System.java:968)
>>

```

```
>>  at
>>  com.rsi.jdml.PlatformSupport.loadExplicitLibrary(PlatformSupport.java:127)
>>
>>  at
>>  com.rsi.jdml.PlatformSupport.loadNeededLibrary(PlatformSupport.java:161)
>>
>>  ... 6 more
>>
>>
>
>
```
