
Subject: Re: Installing IDL 6.1 on debian linux 3
Posted by [Paul Van Delst\[1\]](#) on Mon, 01 Aug 2005 16:46:52 GMT
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Mathieu Malaterre wrote:

> ...So I installed everything in the default directory to avoid any
> exotic problem.
>
<snip>
>
> Could someone tell me what to set in VENDOR ? Or if I need to define
> some kind of magic environment variable to get the license manager just
> to start.

I don't think you should be modifying anything in the VENDOR entries of your license file.

Do you know how to start the license manager daemon manually? And shut it down?

Once you've figured that out, you can start the daemon by modifying, or getting your sysadmin to modify, you "local start up" script. I dunno where it is or what it is called in debian, but on RH you can either:

a) modify the script /etc/rc.d/rc.local to perform the start up (not as root though, remember), or
b) stick the lmgrd startup commands in their own script (on my system it's called lmgrd.rc) in the directory /etc/rc.d/init.d

I used to do (a), back when I did my own installs, but now I do (b) since my sysadmins do the install and the lmgrd startup is not just for IDL licenses.

All the details (for supported platforms at least) are in the IDL documentation that comes with the CD - that's where I got the info (and I'm a total non-sysadmin-y type :o)

BTW, the only time I ever needed root access to do any of this was to edit my rc.local script. And, before I handed all this stuff over to the sysadmins, I think they put me on the sudo list so I could edit that file as regular old me (but I could be wrong). I've installed IDL on a whole bunch of systems (IBM RS6K's, Sun SPARCstations, and linux boxes all with various flavours of Red Hat

[v6.1-7.something, and now Enterprise v3 and v4]) but I always made sure the system was one supported by RSI. I never had a problem. Also, what do the RSI tech support folks say about your problems? Even though Debian may not be on the official support list (is it? I don;t know) I'm sure they would have some idea.

paulv

--

Paul van Delst
CIMSS @ NOAA/NCEP/EMC

Subject: Re: Installing IDL 6.1 on debian linux 3
Posted by [Rick Towler](#) on Mon, 01 Aug 2005 18:13:02 GMT
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Mathieu Malaterre wrote:

> ...So I installed everything in the default directory to avoid any
> exotic problem.
>
> Now I am stuck on the license thing -again-. I thought I found the
> solution while searching on google for:
>
> "The license daemon has found no vendor daemons to start"
> -> http://pfcguide.com/_newsgroups/msgbody.asp?id=%3C3f445d41%40forums-2-dub%3E&no=126&group=sybase.public.dbxray
>
> <...>
> add the following line to your license file
> VENDOR SYBASE
> <...>
>
> I tried that:
>
> \$ /usr/local/rsi/idl_6.1/bin/lmgrd -c /usr/local/rsi/license/license.dat
> <...>
> 12:10:21 (lmgrd) lmgrd tcp-port 1700
> 12:10:21 (lmgrd) Starting vendor daemons ...
> 12:10:21 (lmgrd) license daemon: execute process failed:
> (/usr/local/rsi/idl_6.1/bin/bin.linux.x86/SYSBASE) -T testserver 9.2 3
> -c /usr/local/rsi/license/license.dat
> 12:10:21 (lmgrd) license daemon: system error code: No such file or
> directory
> <...>
>
> So now I understand VENDOR is being replaced, therefore I tried :
> VENDOR idl_lmgrd
>
> I get now:
> <...>
> 12:13:23 (lmgrd) Starting vendor daemons ...
> 12:13:23 (lmgrd) Started idl_lmgrd (internet tcp_port 37749 pid 29664)
> 12:13:23 (idl_lmgrd) FLEXlm version 9.21
> 12:13:24 (idl_lmgrd) FEATURESET incorrect in license file
> 12:13:24 (idl_lmgrd) license file is /usr/local/rsi/license/license.dat
> 12:13:24 (idl_lmgrd) Exiting
> <...>
>
> Could someone tell me what to set in VENDOR ? Or if I need to define
> some kind of magic environment variable to get the license manager just
> to start.

>
> Thanks a lot,
> Mathieu

Sheesh. This really shouldn't be so hard...

Do you have any other programs installed that use FlexLM? Why did you put in that VENDOR SYBASE line? Are you running SYBASE? It has been a while but if you have multiple products which use FlexLM you merge the license files so that you have one lmgrd process which then spawns the vendor daemons for each FlexLM licensed product. But if you're only running IDL you're trying too hard and need to step back, take a breath, and start fresh.

As others have pointed out, there is very little you need to edit in your license file. You can edit the server name and lmgrd daemon port found on the SERVER line but you can't edit the MAC. You can also edit the path and port on the DAEMON line but the path must point to the daemon specified (in this case "idl_lmgrd"). You can't edit INCREMENT or FEATURESET lines.

As for "vendor being replaced" I don't understand. You didn't post the error you received before you started mucking around with inserting a VENDOR field but my guess is that your problem had nothing to do with it (unless maybe you have multiple FlexLM products installed).

-Rick

Subject: Re: Installing IDL 6.1 on debian linux 3
Posted by [Michael Wallace](#) on Mon, 01 Aug 2005 18:26:59 GMT
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I don't mean to sound belittling, but have you picked up the phone and called RSI's tech support? They have guys there who's entire job is to figure out problems like this. While Debian isn't officially supported, I have found that they will try to help as best as they are able.

> ...So I installed everything in the default directory to avoid any
> exotic problem.
>
> Now I am stuck on the license thing -again-. I thought I found the
> solution while searching on google for:
>
> "The license daemon has found no vendor daemons to start"
> -> http://pfcguide.com/_newsgroups/msgbody.asp?id=%3C3f445d41%40forums-2-dub%3E&no=126&group=sybase.public.dbxray
>

```
> <...>
> add the following line to your license file
> VENDOR SYBASE
> <...>
```

This particular message has no relationship to IDL. There are many programs that use the same kind of licensing structure that IDL does. Because you find something about the license manager for another program doesn't mean that you can apply the same solution to IDL. The above message is about the SYBASE database, not IDL.

The license file that RSI sends you should just work if you installed IDL into the default location under /usr/local. If you didn't install there, the only thing you should ever need to change is the path to the IDL executable directory in the DAEMON line. That's it.

```
> I tried that:
>
> $ /usr/local/rsi/idl_6.1/bin/lmgrd -c /usr/local/rsi/license/license.dat
> <...>
> 12:10:21 (lmgrd) lmgrd tcp-port 1700
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> Could someone tell me what to set in VENDOR ? Or if I need to define
> some kind of magic environment variable to get the license manager just
> to start.
```

Don't add VENDOR. At least my license files didn't come with a VENDOR line. If yours did, leave that line alone. It's not the source of your

problem. Again, the tech guys at RSI should be able to figure this out much quicker than what any of us can. You might want to give them a call.

-Mike

Subject: Re: Installing IDL 6.1 on debian linux 3

Posted by [Mathieu Malaterre](#) on Mon, 01 Aug 2005 21:14:11 GMT

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> Don't add VENDOR. At least my license files didn't come with a VENDOR
> line. If yours did, leave that line alone. It's not the source of your
> problem. Again, the tech guys at RSI should be able to figure this out
> much quicker than what any of us can. You might want to give them a call.

Ok the solution was to contact the support team. I send them the license.dat file.

Apparently you cannot ask your supervisor to send you the license through email otherwise you get blank space at places you should not. Also looks like the license file need to be in dos format.

I am not touching this file again -ever-

Thanks everybody and sorry for the noise,
Mathieu
