
Subject: Installing IDL 6.1 on debian linux

Posted by [Mathieu Malaterre](#) on Mon, 25 Jul 2005 20:25:14 GMT

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Hello,

I am in the process of installing IDL on a debian/GNU Linux system. I solved to problem reported here:

<http://groups-beta.google.com/group/comp.lang.idl-pvwave/msg/f146fc9bb5645d04>

By copying the entire cdrom into /tmp/ then executing xinstall.sh from /tmp.

But now I cannot get the license to be read properly:

```
$ idl
```

```
                                IDL Version 6.1 (linux
x86 m32). (c) 2004, Research Systems, Inc.
% LICENSE MANAGER: Server node is down or not responding
  See the system administrator about starting the server, or
  make sure the you're referring to the right host (see LM_LICENSE_FILE)
Feature:    idl
Hostname:    UNUSED
License path: /opt/rsi/idl_6.1/./license/license.dat:/opt/rsi/license -
/*.*.lic
FLEXlm error: -96,7. System Error: 2 "No such file or directory"
For further information, refer to the FLEXlm End User Manual,
available at "www.macrovision.com"..
License file:
/opt/rsi/idl_6.1/./license/license.dat:/opt/rsi/license/*.*.lic
```

If I do a :

```
$ ls -al /opt/rsi/idl_6.1/./license/license.dat
                                -rw-r--r--  1 mathieu
mathieu 738 2005-07-25 16:11 /opt/rsi/idl_6.1/./license/license.dat
```

so the file is there.

How does one start this 'LICENSE MANAGER' thing ?

Thanks,
Mathieu

Ps: the path where hardcoded to /usr/local so I manually changed them to

/opt/.

Subject: Re: Installing IDL 6.1 on debian linux
Posted by [Mathieu Malaterre](#) on Thu, 28 Jul 2005 14:16:30 GMT
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Nigel Wade wrote:

> Mathieu Malaterre wrote:

> ater.

>

>> Well I tried again multiple times cannot get passed this damned license
>> thing. I switched to a win32 box and after a few tries I got it working...

>>

>> Mathieu

>

>

> Did you bother to read the "Installing and Licensing IDL" manual, which
> tells you exactly how to do this?

>

I spent 2 days working on that. This is completely pure waste on time.

1. Even executing xinstall.sh does not work unless you copy the cdrom tree to another directory

2. Installation lets you install anywhere you want for idl, but the license has a hardcoded /usr/local (even if you can manually change this path, this does not look safe or intuitive)

3. The license manager thing is installed in a redhat manner which is completely different from debian, and there is not a chance this will work out of the box, so *yes* I have to start lmgrd manually.

I always send the log output of my problems, and no I am not making up anything just to complain.

Mathieu

Subject: Re: Installing IDL 6.1 on debian linux
Posted by [Michael Wallace](#) on Thu, 28 Jul 2005 14:56:13 GMT
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> I spent 2 days working on that. This is completely pure waste on time.

You are aware that Debian is NOT an officially supported platform?

Remember that when you try to branch out to something unsupported there will be most likely be little gotchas and maybe big problems along the way. And also remember that most of us use one of the supported platforms, so the help we can give is limited.

- > 1. Even executing xinstall.sh does not work unless you copy the cdrom
- > tree to another directory

This is a Debian issue. I believe that you simply don't have the correct permissions on the directory where the CD is mounted.

- > 2. Installation lets you install anywhere you want for idl, but the
- > license has a hardcoded /usr/local (even if you can manually change this
- > path, this does not look safe or intuitive)

What specifically are you referring to? The DAEMON line of the license file? If so, the path on that line is simply the full path to the IDL binary directory. You can freely change that path to wherever that directory is.

- > 3. The license manager thing is installed in a redhat manner which is
- > completely different from debian, and there is not a chance this will
- > work out of the box, so *yes* I have to start lmgrd manually.

There is a script that comes with IDL that will start up the license manager. You will need to manually add the script to your boot up programs (the Debian equivalent of Redhat's init.d directories). Finally, you will need to edit the script if IDL is not installed under /usr/local as you seem to imply.

-Mike

Subject: Re: Installing IDL 6.1 on debian linux
Posted by [Foldy Lajos](#) on Thu, 28 Jul 2005 15:00:26 GMT
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Hi Mathieu,

On Thu, 28 Jul 2005, Mathieu Malaterre wrote:

- > 1. Even executing xinstall.sh does not work unless you copy the cdrom
- > tree to another directory

if you mount the cdrom through a desktop icon, the underlying mount

command usually has the noexec flag, so xinstall.sh will not run.

solution: (from SuSE experience, but may be relevant to Debian, too):

- use 'source xinstall.sh' (tcsh) or '. xinstall.sh' (bash)
this will not run xinstall.sh directly, but asks the shell to run it

or

- mount manually the CD (as root), eg. mount /dev/cdrom /mnt, then
/mnt/xinstall.sh should run

regards,
lajos

Subject: Re: Installing IDL 6.1 on debian linux
Posted by [Nigel Wade](#) on Thu, 28 Jul 2005 15:54:22 GMT
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Mathieu Malaterre wrote:

```
> Nigel Wade wrote:
>> Mathieu Malaterre wrote:
>> ater.
>>
>>> Well I tried again multiple times cannot get passed this damned license
>>> thing. I switched to a win32 box and after a few tries I got it
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>>> Mathieu
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>> Did you bother to read the "Installing and Licensing IDL" manual, which
>> tells you exactly how to do this?
>>
>
> I spent 2 days working on that. This is completely pure waste on time.
>
> 1. Even executing xinstall.sh does not work unless you copy the cdrom
> tree to another directory
```

Others have dealt with this.

```
>
> 2. Installation lets you install anywhere you want for idl, but the
> license has a hardcoded /usr/local (even if you can manually change this
```

> path, this does not look safe or intuitive)

Possibly covered in the section "Modifying the License File". What problem did you encounter which this section didn't cover?

>

> 3. The license manager thing is installed in a redhat manner which is
> completely different from debian, and there is not a chance this will
> work out of the box, so *yes* I have to start lmgrd manually.

How about the section "Starting the License Manager" and the sub-section "Linux" where it tells you how to start the license manager and how to configure it to start at boot time? Did you try this, and in what way did it fail?

--

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