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Subject: Re: How does IDL locate netCDF?

Posted by [russell.grew](#) on Wed, 05 Nov 2008 08:38:55 GMT

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Oh Hai,

[Imagine seeing you here!]

FWIW I have used netCDF data from the GIMA magnetometer array and it worked out of the box with Gentoo. I have sci-libs/netcdf installed via portage.

Using ncdf\_open and then ncdf\_varget etc worked fine.

Also,

```
IDL> print, ncdf_exists()
% Compiled module: NCDF_EXISTS.
% Loaded DLM: NCDF.
    1
IDL>
```

Drop me an email [or hack my PC] if you wish to converse further.

Cheers.

Russ.

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Subject: Re: How does IDL locate netCDF?

Posted by [David Green](#) on Wed, 05 Nov 2008 13:34:35 GMT

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On Nov 5, 3:38 am, RussellGrew <russell.g...@gmail.com> wrote:

```
>
> FWIW I have used netCDF data from the GIMA magnetometer array and it
> worked out of the box with Gentoo. I have sci-libs/netcdf installed
> via portage.
```

Hey Russ, I too in the past have had the netCDF dlm work out of the box. And I did check some other installations here and they all also work without issue. I am running Fedora 9 (yes I know), and have installed the netCDF libs using both yum and a manual build. However, even after a reinstall of IDL I have had no luck in getting the dlm to load, or even recognise I have netCDF. Furthermore, I have not been able to figure out how IDL knows if your system supports netCDF or not. Perhaps FC9 has put netCDF in a non standard place, I'll compare the locations of the libs on various other machines and see what

appears. Oh, my netCDF libs seem to work fine when using them to write from Fortran too.

Dav.

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Subject: Re: How does IDL locate netCDF?

Posted by [David Green](#) on Wed, 05 Nov 2008 15:31:55 GMT

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On Nov 4, 5:40 pm, David Green <david.lindsay.gr...@gmail.com> wrote:

> Hi all, I would like to use IDL to read some netCDF data files.  
> However, I cannot seem to get IDL to recognise that I have the netCDF  
> libraries installed on my system. If someone could tell me how IDL  
> decides if netCDF is supported, or how to get `ncdf_exists()` to return  
> true that would be great since right now it returns false. Is there  
> and environment variable I need to set, or does the netCDF lib have to  
> be in a particular place, I have been unable to find documentation on  
> this issue. I'm running IDL 6.4 on linux (32bit).  
>  
> Thanks,  
> David.

Yes, no need to worry about this any more, turns out the dlm path had been reset to include some user made dlms and the default idl dlm path had been left out so it was not searching the appropriate idl/bin/bin.linux.x86 for the dlm files.

Thanks.

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Subject: Re: How does IDL locate netCDF?

Posted by [R.Bauer](#) on Wed, 05 Nov 2008 16:01:56 GMT

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Hi David

Does `help,/dlm` show a netCDF lib ?

It does not help to install the netCDF library separatly. You need the builtin dlm module.

There was an update related to netCDF if I remember right.

cheers  
Reimar

David Green schrieb:

> On Nov 5, 3:38 am, RussellGrew <russell.g...@gmail.com> wrote:  
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>  
> Dav.  
>

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