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Subject: ERROR 31

Posted by [John Sofiadis](#) on Tue, 11 Oct 2016 21:52:56 GMT

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i have written a program in order to read a nc file..i am sure tha the path is correct,complile is ok,but when it runs occurs an error,called error-31,at third line(the line where i command opening thw nc file)..???thanks in advance

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Subject: Re: ERROR 31

Posted by [Michael Galloy](#) on Thu, 13 Oct 2016 04:13:47 GMT

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On 10/11/16 3:52 PM, John Sofiadis wrote:

> i have written a program in order to read a nc file..i am sure tha  
> the path is correct,complile is ok,but when it runs occurs an  
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> thw nc file)..???thanks in advance  
>

I'm not sure what it really means, but the netCDF C header defines the following:

```
#define NC_SYSERR (-31)
```

That seems pretty vague. Does the file exist? Is it really a netCDF file?

Update: I tried to open a non-existent file:

```
IDL> id = ncdf_open('test.nc')  
% Loaded DLM: NCDF.  
% NCDF_OPEN: Unable to open the file "test.nc". (NC_ERROR=-31)
```

Mike

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Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: ERROR 31

Posted by [Phillip Bitzer](#) on Thu, 13 Oct 2016 13:43:59 GMT

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On Wednesday, October 12, 2016 at 11:13:50 PM UTC-5, Michael Galloy wrote:

> On 10/11/16 3:52 PM, John Sofiadis wrote:  
>> i have written a program in order to read a nc file..i am sure tha

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>> the nc file)..??? thanks in advance
>>
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> Update: I tried to open a non-existent file:
>
> IDL> id = ncdf_open('test.nc')
> % Loaded DLM: NCDF.
> % NCDF_OPEN: Unable to open the file "test.nc". (NC_ERROR=-31)
>
> Mike
```

<http://imgtfy.com/?q=idl+netcdf+error+31>

Are you really sure the path is correct?

I've found that things like '~' for the home directory are not resolved by the ncdf routines.

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