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Subject: Re: NetCDF4 problem

Posted by [Paul Van Delst\[1\]](#) on Thu, 07 Apr 2016 17:45:30 GMT

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On 04/07/16 13:03, Michael Galloy wrote:

> On 4/7/16 8:36 am, Paul van Delst wrote:

>> On 04/07/16 09:52, deathknight wrote:

>>> Hi,

>>>

>>> I'm using IDL 7.1. How can I read the NetCDF4 files using this version  
>>> of IDL?

>>

>> NetCDF4 support wasn't added until v8.0 so the best (only?) way is to  
>> upgrade your IDL install.

>

> I think that is correct.

>

>> Similarly, HDF5 support wasn't added until v8.3 (?) so that route is a  
>> no go.

>

> HDF5 support has been in IDL since 5.6:

Oops! I was going by the version of addition of the H5\_LIST() procedure  
in the documentation.

(I often use H5\_PARSE() to read random netCDF4 files that I want to have  
a look at and...checking the docs....yep, it was introduced in v5.6.  
Embarrassed cough...)

Thanks for the correction.

> [http://harrisgeospatial.com/docs/H5\\_OPEN.html](http://harrisgeospatial.com/docs/H5_OPEN.html)

>

> I would read the NetCDF 4 file using the HDF 5 routines. If you want  
> simpler routines than the low level interface, check out my HDF 5 routines:

>

> <https://github.com/mgalloy/mglib/tree/master/src/hdf5>

>

> The routine to use is MG\_H5\_GETDATA. You will need the files in that  
> directory (plus at least objects/idl\_object\_\_define.pro to run on IDL 7.1).

Apologies to the OP for the incorrect info regarding HDF5 support in IDL  
v7.1.

cheers,

paulv

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