Subject: Re: Error opening NetCDF - file
Posted by Paul Van Delst[1] on Mon, 20 Jul 2015 13:11:02 GMT
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On 07/15/15 11:51, Kai Heckel wrote:
> Hello!
>
> I am currently working on a time series including multiple NetCDF's.
> My procedure includes a call to a "read_netcdf"-script. The first
> line there is "ncdf_open". This is usually no problem but very few
> files are causing an error here saying 'Unable to open the file "..."
> (NC_ERROR=-101)'. When I try to open these NetCDF's in the BEAM
> software I get the message 'No appropriate reader found'.
>
>
> So I guess somethings wrong with the header of these NetCDF's? I have
> no clue and would be glad if you could help me out here.

What version of IDL do you have?

 From Lajos's reply it would appear you have a netCDF4 file - which uses
HDF5 to handle the hard stuff that classic netCDF couldn't.

Newer versions of IDL "understand" netCDF4. So, if you have an old(er)
version of IDL, that may be your problem. (If, indeed, it isn't what
Lajos indicated - you are trying to read a regular HDF5 file)

I use the IDL netCDF browser to read netCDF3-and-4 datafiles with no
problems.

cheers,

paulv

p.s.

IDL> print, !version
{ x86_64 linux unix linux 8.3 Nov 15 2013   64   64}