Subject: Re: how to list variable names from netCDF file? Posted by Andy Loughe on Thu, 07 Dec 1995 08:00:00 GMT

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T.Osborn wrote:

>

> Can anyone help me with the following problem?

>

- > I am trying to write some IDL code to read in a number of netCDF files, without
- > knowing in advance the names of the variables in the file. Is there a routine
- > which can return the variable name of the Nth variable in the file?

>

- > Once open, I can use ncdf_inquire to find the number of variables, but
- > ncdf_varing says it can only return the name of a variable if you give it
- > the variable's id, which can be got from calling ncdf_varid. But ncdf_varid
- > requires the variables name! What I need is an equivalent of ncdf_attname,
- > which returns the name of the Nth attribute.

Maybe the documentation is causing you trouble (imagine that!). Here is a small example...

file = '/Datasets/nmc/uwnd.79.nc' ncid = NCDF_OPEN(file) result = NCDF_INQUIRE(ncid) num vars = result.NVARS for i = 0, num_vars-1 do print, ncdf_varing(ncid,i)

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