Subject: Re: Add a new variable to netCDF file?
Posted by David Fanning on Tue, 25 Oct 2011 13:53:58 GMT

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Paul van Delst writes:

> 0) Open the existing file for writing (NCDF_OPEN)
> 1) Put the netcdf file in DEFINE mode (NCDF_CONTROL)
> 2) If required, define new dimensions (NCDF_DIMDEF)
> 3) Define the new variable (NCDF_VARDEF)
> 4) Repeat 2-3 as necessary for multiple dimensions/variables.
> 5) Put the netcdf in DATA mode (NCDF_CONTROL)
> 6) Write the new variable data to the file (NCDF_VARPUT)
> 7) Repeat 7 as necessary for multiple variables.
> 8) Close the file (NCDF_CLOSE)

My memory is shaking on this topic, but I thought it
was not possible to add a variable to a netCDF file.
Although I seem to remember some provision
for this in the latest version of netCDF. My memory
is so fuzzy, I have no confidence in it, but I recall
this being an issue with *some* version of the scientific
data sets.

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")