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Subject: netcdf and hdf together

Posted by [queiny](#) on Mon, 07 Aug 2006 22:50:25 GMT

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I am trying to read in data from a HDF file and put the results input a NetCDF file. The NetCDF file has one dimension and it is unlimited. While I only have ~5000 data points, the output NetCDF has 7474 records as shown by 'ncdump -h'. And the data in the NetCDF file look reasonable, I just don't know where the extra data are from. I printed out the # of record when writing, it is correct.

I have tried debug the program for a while. Can anyone point me to the right track? Or can anyone answer me the following wild questions.

Can we use both HDF and NetCDF in the same file? I used different file id and variable id for NetCDF and HDF files.

Can a NetCDF file has only one dimension and it is unlimited? ( I have done this in FORTRAN.)

Do I need to use long integer for the dimension, or turns on other compile options?

Many thanks,

Q

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