

Hi,

I'm trying to modify with IDL 8.1 (i also tried 8.2) the values of a variable of a netcdf 4 file but it doesn't work. This variable is in a GROUP. I use the command 'ncdf_varput'

What is strange is that i can read with success the values of this variable with the command 'ncdf_varget'.

Here is an extract of my code :

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; Open the netcdf4 file in Write mode  
ncld=ncdf_open(ADF_file,/WRITE)  
  
; get the id of the group 'group1'  
cal_grpid = NCDF_NCIDINQ( ncld, 'group1' )  
  
; get the id of the variable 'dark offset'  
vName=['var1']  
vld=ncdf_varid(cal_grpid,vName[0])  
  
; read the variable (this works)  
ncdf_varget, cal_grpid,vld,var1_read  
print, var1_read[0:2,0:2,0:2]  
  
; create replacement variable  
var1_write=fltarr(dim1, dim2, dim3)+replace_value  
  
; write the new variable (this doesn't work)  
ncdf_varput, cal_grpid,vld, var1_write  
  
; Close the ADF file  
ncdf_close,ncld  
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```

Then if i look at the content of the file ADF_file with ncdump, the values of the variable 'var1' have not been replaced.

Then If i run again the same program there is an error message :

HDF5-DIAG: Error detected in HDF5 (1.8.4-patch1) thread 0:
#000: H5Dio.c line 245 in H5Dwrite(): file selection+offset not within extent

major: Dataspace
minor: Out of range

NOte that i verified that the file has the rights for writing (chmod ugo+w ADF_file).

Thank you for your help.
