
Subject: NC_check_name error when using NCDF_VARDEF
Posted by [Jason Webster](#) on Mon, 16 Apr 2012 17:42:51 GMT
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Hello All,

I am trying to write out some data in IDL 8.0.1 and keep encountering the following error:

```
idl: string.c:177: NC_check_name: Assertion `name != ((void *)0)' failed.
```

which results in IDL aborting. I have checked to ensure my dimensions are the correct sizes and I have not mistyped anything. The error is occurring when the program reaches "varvid=NCDF_VARDEF(fnid,variable,[lonid,latid,timid,memid],/FLOAT)". Here is the code for writing out the file:

```
fid=NCDF_CREATE('/Volumes/Disk2/Data/Volcanic_Impact/
atmos_'+variable(i)+'_el_chichon.nc',/CLOBBER)

lonid=NCDF_DIMDEF(fid,'longitude',nx)
latid=NCDF_DIMDEF(fid,'latitude',ny)
timid=NCDF_DIMDEF(fid,'time',48)
memid=NCDF_DIMDEF(fid,'member',17)

lonvid=NCDF_VARDEF(fid,'longitude',[lonid],/FLOAT)
latvid=NCDF_VARDEF(fid,'latitude',[latid],/FLOAT)
timvid=NCDF_VARDEF(fid,'time',[timid],/FLOAT)
memvid=NCDF_VARDEF(fid,'member',[memid],/FLOAT)

varvid=NCDF_VARDEF(fid,variable,[lonid,latid,timid,memid],/F LOAT)

NCDF_CONTROL,fid,/ENDEF

NCDF_VARPUT,fid,lonvid,lon
NCDF_VARPUT,fid,latvid,lat
NCDF_VARPUT,fid,timvid,vtime
NCDF_VARPUT,fid,memvid,INDGEN(17)
NCDF_VARPUT,fid,varvid,vimpact

NCDF_CLOSE,fid
```

I would greatly appreciate any assistance or insight.

Sincerely,

Jason
