
Subject: Re: NC_check_name error when using NCDF_VARDEF

Posted by [Jason Webster](#) on Mon, 16 Apr 2012 18:32:52 GMT

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On Apr 16, 6:55 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

> In article <6dc97299-d161-46ec-b50d-b4ffd25e6...@z38g2000vbu.googlegroup s.com > ,

> Jason Webster <jason.r.webs...@gmail.com> wrote:

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>> Hello All,

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>> I am trying to write out some data in IDL 8.0.1 and keep encountering

>> the following error:

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>> 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(fid,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)

>

> Is "variable" a function?

>

>

>

>> 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)

```
>
> Should be?
>
> varvid=NCDF_VARDEF(fid,variable[i],[lonid,latid,timid,memid] ,/FLOAT)
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>
>> 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
>
> Ken Bowman
```