
Subject: Re: reading HDF with HDF_SD_START()
Posted by [David Fanning](#) on Mon, 08 Oct 2007 03:57:32 GMT
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fanxing_gis@163.com writes:

> i'm sorry to state the occasion when the error listed above occurs.
> write a programme to view the HDF data structue including scientific
> data set,global attributes and attributes of SD.To do that i start a
> new IDL session and open the HDF file with hdf_sd_stat(),it worked
> well, all the SDs were listed in widget_list using hdf_get_info(),here
> i click each of the SDS the attributes or the information of the SDS
> could be showed in a text widget, at the beginning it is run well,but
> repeat the process several times the programme was halted and the
> error message is printed:
>
> HDF_SD_START: Unable to start the HDF-SD interface.
> Execution halted at: \$MAIN\$
> in the same session i write the follow code in command line,and the
> same error message printed as above.
>
> IDL> a=dialog_pickfile()
> IDL> hdfd=hdf_sd_start(a)
> after that,i try the fileinfo() function, it's worked well,the result
> is as follows:
> ** Structure <11534e0>, 7 tags, length=36, data length=36, refs=1:
> NAME STRING 'D:\AST_09T_003080820010402180000000.hdf'
> EXIST LONG 1
> READ LONG 1
> WRITE LONG 1
> HDF LONG 1
> NETCDF LONG 0
> SIZE LONG 14324417
> if i describe that clearly ,i hope you kind guys could help me

Well, here is my guess. I think the variable you are passing to HDF_SD_START in your widget program is not what you think it is. But this is only a guess. I do think the chances of it being a programming error is the most likely probability. I'd start checking *all* your assumptions.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
