Subject: Re: Unable to open HDF in IDL
Posted by Liam E. Gumley on Tue, 05 Aug 2003 14:14:56 GMT
View Forum Message <> Reply to Message

"Roy" <sjarn1@student.monash.edu.au> wrote in message
news:7a599348.0308042335.51c08575@posting.google.com...
> Hello,
>
> I am using IDL 5.4 on linux. I was able to open my HDF files without
> any problems using the following program:
>
> PRO hdf,geo,rain
>
> file = hdf_sd_start('2A25.971231.535.5.HDF')
> indexa = hdf_sd_nametoindex(file, 'geolocation')
> indexb = hdf_sd_nametoindex(file, 'nearSurfRain')
> varida = hdf_sd_select(file, indexa)
> varidb = hdf_sd_select(file, indexb)
> hdf_sd_getdata, varida, geo
> hdf_sd_getdata, varidb, rain
> hdf_sd_endaccess, varida
> hdf_sd_endaccess, varidb
> hdf_sd_end, file
>
> return
> end
>
> However, I have now moved to a new computer attached to the same
> servers and now I cannot get past:
>
> % Compiled module: $MAIN$.
> % Compiled module: HDF.
> % Loaded DLM: HDF.
>
> IDL stops at the end line.
>
> I have checked out my HDF file and it appears to be fine
>
> Does anyone have any suggestions as to why this is happening?

What is the "end line"?
Can you post the full IDL output from the computer where the program fails?
Have you tried reading just one SDS?

The "return" statement in your program is not required by the way.

Cheers,
Liam.