
Subject: Re: Unable to open HDF in IDL

Posted by [sjarn1](#) on Tue, 05 Aug 2003 23:17:44 GMT

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"Liam Gumley" <Liam.Gumley@ssec.wisc.edu> wrote in message
news:<bgoe53\$mqb\$1@news.doit.wisc.edu>...

> "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.
> Practical IDL Programming
> <http://www.gumley.com/>

By "end line" I meant "% Loaded DLM: HDF."

There is no further output from IDL. But rather than returning me to the IDL prompt, it just stays at that line.

If I enter each line individually, the problem occurs at the line:

```
file = hdf_sd_start('filexxx.HDF')
```

This happens regardless of the HDF file I use, although they all previously opened on a different machine.
Any further ideas?

Thanks
