Subject: Re: reading multiple HDF files
Posted by David Fanning on Wed, 16 Jul 2008 15:21:02 GMT

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julia.walterspiel@gmail.com writes:

```
>
>>  Did you try closing the file, as in my last suggestion?
>>  This is pretty much what I expected without that close.
>>
>
>
> yes I did.
> I put the HDF_SD_END inside the loop and outside.
> Placing it outside gave me the 32-loops.
> Placing it inside gave me nothing but
> IDL> read_multiple_hdf
> Loaded DLM: HDF.
> Compiled module: HDF_SD_VARDIR.
>
> i'm sorry, this is my very first time I'm dealing with IDL, maybe I'm
> overlooking something completely obvious and simple?
```

Here is the code I used to test this. I can run as many as
I like with the HDF_SD_END in the code, but only 32 without
it. :-)

```
 ;############################################################## ##
PRO read_multiple_hdf

hdf_file_path='G:\data\96108_08.hdf'

 .******************************************************** *****
 ;
;********** Begin the for loop to read all selected hdf files ***

for I=0,100 do begin

   hdfid = HDF_SD_START(hdf_file_path)
   varnames = HDF_SD_VARLIST (hdfid)

   index = hdf_sd_nametoindex(hdfid,'ScanRate')
   if (index eq -1) then message, string(varnames)

   varid = hdf_sd_select(hdfid, index)

   HDF_SD_GETDATA, varid, data
   hdf_sd_endaccess, varid
   HDF_SD_END, hdfid
```

```
    Print, I
endfor
END
 ;############################################################## #######
--
```
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")