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Subject: Re: Problem when reading many HDF-EOS file

Posted by [saveio](#) on Wed, 05 Jul 2006 14:19:24 GMT

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Roni,

I'm tending to agree with kuyper on this one.

kuyper@wizard.net writes:

> Roni Drori wrote:

>> Hi,

>> I have an IDL program that reads many HDF-EOS file (using EOS\_GD\_OPEN

>> ....). When I'm reading more the ~100 files the program stops unable to

>> open more files.

>> What can be done to avoid this problem? (I'm reading simultaneously

>> only one file and then closing it with EOS\_GD\_close)

>

> If you never read more than one file at a time, I'd suspect a memory

> leak. The HDF-EOS functions contain lots of pairs of book-end

> functions: if you open something, you should close it. If you attach

> something, you should make sure to detach it, etc.. In general, the

> first one of each pair allocates resources (usually including memory),

> and the second function must be called to deallocate them; if it isn't,

> you have a resource leak. Check all of your calls to such functions,

> and make sure that they're matched up properly.

I had this problem with EOS\_GD\_ATTACH, in the documentation, there is not a link to the opposing call EOS\_GD\_DETACH. Make sure your swath and grid attaches are detached before closing the file. Although closing the file seems like it should clean up the open handles, it doesn't.

Hope this helps.

Matt

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