
Subject: Re: Problem when reading many HDF-EOS file
Posted by [Maarten\[1\]](#) on Tue, 04 Jul 2006 08:33:37 GMT
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Roni Drori wrote:

> 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)

Others have pointed out that there may be a memory leak in the IDL routines themselves. Things to try:

- Circumvent the EOS layer, and use the HDF-4 routines directly. If the leak is in the EOS routines, this might solve your problem.

- The HDF-5 routines do not have this problem, at least not under Linux. Depending on the volume of the data, h4toh5 may be able to provide you with a suitable alternative.

I've used the HDF-5 routines to perform approximately 60000 file open/close operations in a single run without issues under Linux. IDL 6.2 under Windows gave trouble well before that number was reached.

Maarten
