
Subject: Re: reading hdf files

Posted by [loebasboy](#) on Wed, 29 Oct 2008 13:06:49 GMT

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On 29 okt, 12:10, David Fanning <n...@dfanning.com> wrote:

> TimLS writes:

>> Has anyone else had problems reading hdf files? I'm using a program
>> that uses a variety of the H5* routines in IDL version 6.2.. I read
>> one of my data files and the program takes around 5 seconds. I read a
>> couple more files and suddenly it takes an age to read. The solution I
>> adopt is to shutdown IDL and re-start at the point that I'd got to.
>> Programming purists may disapprove but it works for me as all I'm
>> doing with the data is writing it out to another format. Presumably
>> there is some kind of memory allocation problem going on, but what can
>> I do about it?

>

> I think your best bet might be to read this article:

>

> <http://www.catb.org/~esr/faqs/smart-questions.html>

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

You should notice that it is important to close al file_id and datasets_id you've used as such:

```
file_id = H5F_OPEN(file)
dataset_id = H5D_OPEN(file_id, nr_bands_str)
nr_bands = H5D_READ(dataset_id)
H5D_CLOSE, dataset_id
H5F_CLOSE, file_id
```

In this way there is no memory leakage. If this does not help I must refer you to the link David provided.
