
Subject: Re: Is there a command which could tell a CDF file is good or not?

Posted by [David Fanning](#) on Sun, 19 Apr 2009 21:49:26 GMT

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litongmu@gmail.com writes:

> I am trying to run a code to deal with 1200 CDF files. However, some
> of them are not good files. When I use certain CDF commands to open or
> read them. IDL will return a error message and stop running. Now the
> problem is I have so many files. And I do not know which are good,
> which are bad. They all look the same size. But I can only tell when
> the code stop running. Therefore, I have to rerun the code again after
> deleting the bad file it picked out. So is there any command in IDL
> which could tell whether a CDF file is good or not. The important
> feature is that it can return results based on the judge. And it will
> not stop a program from running.

This is a general, and annoying, problem with all the IDL scientific data formats. See, for example, this article:

http://www.dfanning.com/fileio_tips/nohdf.html

It appears to have to do with the underlying C libraries that have been incorporated into IDL. But you are not the only one who has run into exactly this problem.

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.")

Subject: Re: Is there a command which could tell a CDF file is good or not?

Posted by [R.Bauer](#) on Mon, 20 Apr 2009 09:21:16 GMT

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litongmu@gmail.com schrieb:

> Hi all,

>

> I am trying to run a code to deal with 1200 CDF files. However, some
> of them are not good files. When I use certain CDF commands to open or
> read them. IDL will return a error message and stop running. Now the
> problem is I have so many files. And I do not know which are good,
> which are bad. They all look the same size. But I can only tell when

> the code stop running. Therefore, I have to rerun the code again after
> deleting the bad file it picked out. So is there any command in IDL
> which could tell whether a CDF file is good or not. The important
> feature is that it can return results based on the judge. And it will
> not stop a program from running.
> Thanks in advance.
>
> Sincerely

can you share one of the "broken" files.

We have had some trouble in the past by a broken hard disk. Only small sections of the netCDF file were corrupted.

cheers
Reimar
