
Subject: IDL Bug: (Re: Read HDF format file)

Posted by [Helge.Rebhan](#) on Thu, 05 Mar 1998 08:00:00 GMT

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In article <MPG.f65bc901a73c503989733@news.frii.com>, davidf@dfanning.com
(David Fanning) wrote:

> Sophie Fabre (sfabre@onecert.fr) writes:

>

>> I have a file in HDF format.

>> What are the functions in IDL language that will allow me to read this

>> file ?

>

BTW, I found a strange bug in IDL 5.0 on the Macintosh with respect to HDF.

If your 'working folder' is not pointing to the partition where your HDF file
is located any IDL-HDF routines fail to recognize the HDF format !!!!!

If you change your default folder everything is working fine !-(

Anybody had the same experience ?

Servus, Helge

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Subject: Re: IDL Bug: (Re: Read HDF format file)

Posted by [mgs](#) on Fri, 06 Mar 1998 08:00:00 GMT

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In article <Helge.Rebhan-0603981507580001@vrnc10.jw.estec.esa.nl>,
Helge.Rebhan@REMOVE-THIS.gmx.net (Helge Rebhan) wrote:

> In article <mgs-0503981912550001@sc17-16-22.thegrid.net>,

> mgs@sd.cybernex.net (Mike Schienle) wrote:

>

>>

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> For example: I cannot write an HDF File to "HR DATA:" (root partition)
> But I'm able to write to "HR DATA:tmp:"
> Maby something related to the spaces in the root pathname ???

Very likely the problem. That may be a problem for UNIX as well. You can put spaces in UNIX file and directory names, but you don't see it done on a regular basis as with a Mac.

--
Mike Schienle
mgs@sd.cybernex.net
Interactive Visuals
<http://ww2.sd.cybernex.net/~mgs/>

Subject: Re: IDL Bug: (Re: Read HDF format file)
Posted by [Helge.Rebhan](#) on Fri, 06 Mar 1998 08:00:00 GMT
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In article <mgs-0503981912550001@sc17-16-22.thegrid.net>,
mgs@sd.cybernex.net (Mike Schienle) wrote:

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Servus, Helge

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Subject: Re: IDL Bug: (Re: Read HDF format file)
Posted by [richard.adams](#) on Thu, 19 Mar 1998 08:00:00 GMT
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In article <mgs-0603982303080001@sc23-17-167.thegrid.net>,
mgs@sd.cybernex.net (Mike Schienle) wrote:

> In article <Helge.Rebhan-0603981507580001@vrnc10.jw.estec.esa.nl>,
> Helge.Rebhan@REMOVE-THIS.gmx.net (Helge Rebhan) wrote:
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> --
> Mike Schienle Interactive Visuals
> mgs@sd.cybernex.net http://www2.sd.cybernex.net/~mgs/

I have been fighting with the same problem but have only just found that it has been discussed here. In my experience it does not seem to relate just to the working directory or its partition - directories shallower than the application directories give erroneous results as do other disks. It seems not to be just a 'programming' problem, since the same HDF file moved around to different directories is variably readable or unreadable. Also the space-in-name hypothesis seems not to hold since changing the disk name does not save the situation, too bad :-(Interestingly, a file looks ok if it is re-read during the same session in IDL but is not usable if you restart the application. Has there been any more progress here. It certainly makes using HDF files on a Mac difficult which is too bad since they are just what I need right now.

Richard.

--
Richard Adams
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Subject: Re: IDL Bug: (Re: Read HDF format file)
Posted by [Helge.Rebhan](#) on Fri, 20 Mar 1998 08:00:00 GMT
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In article <richard.adams-1903981816150001@mac-baker.physiol.ox.ac.uk>, richard.adams@physiol.ox.ac.uk (Richard Adams) wrote:

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> certainly makes using HDF files on a Mac difficult which is too bad since
> they are just what I need right now.

My only workaround is: Before accessing any HDF File I call the 'Set
Working Path '

menu a set the path to my data directory. But: If you someone inbetween
load a IDL .pro File from another disk the working folder is switched back to
this location, so repeat the whole procedure before again accessing a
HDF-File :-(

This is just one glimpse of my overall bad impression of the Mac portation
of IDL.

More than 3 years I was hoping for major improvements from IDL 3.6 -> 5.0.
But poor memory allocation, no direct printing and other things are still
unsolved problems.

So we decided that it is not worthwhile to spent the money for future updates
of IDL on the Mac. Nevertheless the bugs are not that severe and when you have
'wasted' your time to find the workarounds you can live with IDL on the Mac.

Servus, Helge

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