
Subject: Re: HDF5 crash on macOS

Posted by [Carsten Lechte](#) on Thu, 11 Mar 2010 22:44:44 GMT

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MC wrote:

> When I query the file (H5F_IS_HDF5(fname)) all is OK but the moment I
> try to get a handle (file_id = H5F_OPEN(fname)) IDL generates a
> fatal error and dies completely (needing me to kill it).

I remember having a similar problem with IDL 6.4. There are two API versions for HDF5: 1.6.x and 1.8.x. The help file for IDL 6.4 states that it uses HDF5 library version 1.6.3.

IDL simply crashed when trying to read a file written by version 1.8.x of the HDF5 library (the file was generated by a C program in my case). Maybe this is a worthwhile line of inquiry for you.

chl

Subject: Re: HDF5 crash on macOS

Posted by [MC](#) on Fri, 12 Mar 2010 13:56:31 GMT

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On Mar 12, 11:44 am, Carsten Lechte <c...@toppoint.de> wrote:

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> HDF5 library (the file was generated by a C program in my case). Maybe this is
> a worthwhile line of inquiry for you.
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While the HDF5 file was produced by a very recent version of the HDF library with SciPy, I really don't think something as simple as getting a handle (H5F_OPEN) to the data should ever cause such a catastrophic crash (but then again I'm an 'old school' programmer)... Has anyone else been able to open recent HDF5 in IDL 7 or do I need to pay for a new license to fix this bug (or even abandon IDL and learn Python and its extensions)?

Cheers

Subject: Re: HDF5 crash on macOS

Posted by [David Fanning](#) on Fri, 12 Mar 2010 14:36:45 GMT

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MC writes:

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- > library with SciPy, I really don't think something as simple as
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- > Has anyone else been able to open recent HDF5 in IDL 7 or do I need to
- > pay for a new license to fix this bug (or even abandon IDL and learn
- > Python and its extensions)?

There may well be good reasons to learn Python and its extensions, but this probably isn't one of them. It is a tough, thankless task to incorporate someone else's buggy, poorly documented code into your own. The fact that ITTVIS has attempted it at all is testament to their commitment to their customer's needs. These are just the usual growing pains of working on the edge of new software development. I'm not saying they don't make mistakes. I'm just saying that in this case, I would be willing to cut them a LOT of slack. No one in their right mind would be willing to make old versions of their software compatible with future changes of a library they don't control.

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.")
