## Subject: setting the path for READ\_DICOM Posted by pford on Sat, 09 Aug 2003 20:17:55 GMT

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## Greetings:

I need to read in a DICOM image. This obviously is trivial but I am hung up on getting the path set correctly. I am using IDL V6 on Mac OS X and X11. The file I want to open is

/Volumes/A/00130.DCM

I am trying to open it using the following:

Pro testdicom img = READ\_DICOM(FILEPATH('00130.DCM', SUBDIR=['Volumes', 'A'])) tvscl, img end

and I get the following error message:

READ\_DICOM: The file /usr/local/rsi/idl\_6.0/Volumes/A/00130.DCM is not in a supported DICOM format.

I have fooled around with !PATH, the preferences, openr, etc.

I want to avoid moving the file to /usr/local/rsi/idl\_6.0 because of its root privileges and invisibility.

OK, so what do I need to do to set the correct path?

**Thanks** 

Patrick Ford, MD pford@\*nospam\*bcm.tmc.edu

Subject: Re: setting the path for READ\_DICOM Posted by pford on Fri, 15 Aug 2003 02:03:14 GMT

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Ben Tupper <a href="mailto:blue">btupper@bigelow.org</a> wrote in message news:<a href="mailto:bbf7a1\$1@ID-189398.news.uni-berlin.de">btupper@bigelow.org</a> wrote in message news:<a href="mailto:bbf7a1\$1">btupper@bigelow.org</a> wrote in message news:<a href="mailto:bbf7a1\$1">btupper@bi

- > Patrick Ford wrote:
- >> On Sat, 9 Aug 2003 17:39:46 -0500, Kenneth P. Bowman wrote
- >> (in message <kpb-F32699.17394509082003@corp.supernews.com>):

>>

>>

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>>> In article <c857619b.0308091217.596409b3@posting.google.com>,
>>> pford@bcm.tmc.edu (Patrick Ford) wrote:
>>>
>>>
>>> /Volumes/A/00130.DCM
>>>>
>>>> I am trying to open it using the following:
>>>>
>>> img = READ_DICOM(FILEPATH('00130.DCM', SUBDIR=['Volumes', 'A']))
>>>> READ_DICOM: The file /usr/local/rsi/idl_6.0/Volumes/A/00130.DCM is not
>>>> in a supported DICOM format.
>>>
>>>
>>> img = READ_DICOM('/Volumes/A/00130.DCM')
>>> or
>>>
>>> img = READ_DICOM(FILEPATH('00130.DCM', SUBDIR=['Volumes', 'A'], $
         ROOT DIR= '/'))
>>>
>>>
>>> should do the trick.
>>>
>>> Ken Bowman
>>
>>
>> Thanks, that did the trick, However, in keeping in my long tradition of
>> breaking something else while I am trying to fix something, I now have a
>> problem with the DLM path.
>>
>> IDL> print, !DLM_PATH
   /usr/local/rsi/idl_6.0/bin/bin.darwin.ppc
>> which is corrrect but when I try and access a DLM file I get
>> % PFXOVER: Error loading sharable executable.
          Symbol: IDL Load, File = /Volumes/A/IDLtoPFgenLib.so
>>
          No such file or directory
>> % Execution halted at: CX
                                      123 /Volumes/A/Kling GA/pFord
    Folder/cx1a.pro
>>
>> I can get around this my putting a copy of IDLtoPFgenLib.so on /Volumes/A/
>> but how do I fix this?
>>
> Hello.
> I haven't had this problem and I am also on a mac IDL6.0. Can you confirm the
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> the library and the module definition file are in the !DLM\_PATH? You might try... > > HELP, /DLM > > to ensure that the dlm parts (\*.so and \*.dlm) are recognized/found? Don't > forget to reset your session (.full\_reset\_session) if you have modified the DLM > during a given session. using the help, /dlm after starting I get the following, (edited) \*\* PFGENLIB - Interface of IDL with Patrick Ford's code (not loaded) Version: 1.0, Build Date: JULY 2003, Source: Ronn Kling Path: /Volumes/A/IDLtoPFgenLib.so the others have the following path: Path: /usr/local/rsi/idl 6.0/bin/bin.darwin.ppc/filen name \ > > You might also try to manually force the dlm to load with > DLM\_LOAD, 'IDLtoPFgenLib' > but I would expect it to fail since the automatic loading fails. If the HELP > routine finds the DLM parts but it won't load, then it must be your external > code that has a problem (groan). > > Ben It is not the external code because it was working dandy prior to my fiddling around trying to get the DICOM file read and I got the DLM guru to do this for me. I have kludged it by putting copies into the path that it has, but I would really like to know what I did and how to fix it. Thanks. Regards

Patrick Ford, MD