Subject: write_png missing on my mac (6.4)
Posted by Brian Larsen on Thu, 06 Sep 2007 00:41:30 GMT

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IDLers, (I think it didnt go through before, sorry if it did)

I am hoping I just have a configuration error or something of the like
and I hope that someone else also had the problem and then knows how
to fix it.

I have just put 6.4 on my new macbok pro (vroom, vroom) and near as I
can tell write_png is just missing. I assume this is not a .pro file
but I have looked and don't see it. Where have I lost it? Some
setting I forgot on install? Some dynamic lib issue?

IDL Version 6.4, Mac OS X (darwin i386 m32). (c) 2007, ITT Visual
Information Solutions

a few things I have tried
[balarsen@LarsenLaptop]/Applications/itt> find . * | grep write_png
nothing

IDL> write_png
% Attempt to call undefined procedure/function: 'WRITE_PNG'.
% Execution halted at: $MAIN$
Same with good arguments.

Any ideas? Or other routines I should see if I have?

Cheers,

Brian

 -- --------------------
Brian Larsen
Boston University
Center for Space Physics

Subject: Re: write_png missing on my mac (6.4)
Posted by M. Katz on Fri, 07 Sep 2007 14:25:47 GMT

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Curiously, on MacOSX with IDL 6.3 I cannot find the write_png.pro file
I expected to be in .../lib/.
However, write_png is working fine from the command line.

So I wonder where it's supposed to be. I did notice that there's a
/Applications/rsi/idl_6.3/bin/bin.darwin.ppc/idl_png.dlm and a
similar .so
Maybe they get their functionality from another means.
Have you contacted ITT?
Best,
M.

Subject: Re: write_png missing on my mac (6.4)
Posted by Maarten[1] on Fri, 07 Sep 2007 15:13:37 GMT
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Hi,

I would not expect that find command to do much good.

On Sep 6, 12:41 am, Brian Larsen <balar...@gmail.com> wrote:

> a few things I have tried
> [balarsen@LarsenLaptop]/Applications/itt> find . * | grep write_png
> nothing

On Linux I get (our idl is installed in /d/appl/rsi/idl/):
$ find /d/appl/rsi/idl/ -name 'write_*'
/d/appl/rsi/idl/lib/write_jpeg2000.pro
/d/appl/rsi/idl/lib/write_bmp.pro
/d/appl/rsi/idl/lib/write_gif.pro
/d/appl/rsi/idl/lib/write_image.pro
/d/appl/rsi/idl/lib/write_nrif.pro
/d/appl/rsi/idl/lib/write_pict.pro
/d/appl/rsi/idl/lib/write_ppm.pro
/d/appl/rsi/idl/lib/write_spr.pro
/d/appl/rsi/idl/lib/write_srf.pro
/d/appl/rsi/idl/lib/write_sylk.pro
/d/appl/rsi/idl/lib/write_wav.pro
/d/appl/rsi/idl/lib/write_wave.pro

As you can see there is no file write_png.* here either (idl 6.3). On
the other hand, the command is available and works. Contact ITT to get
help, probably a configuration issue.

Best,

Maarten

Subject: Re: write_png missing on my mac (6.4)
Posted by Brian Larsen on Fri, 07 Sep 2007 16:05:32 GMT

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OK,

this is fixed with help from Jim P. from itt (thanks a lot). The
issue was a rouge setting of IDL_DLM_PATH in my .cshrc. I removed
that and all is well and fixed.

Brian

 -- --------------------
Brian Larsen
Boston University
Center for Space Physics

Subject: Re: write_png missing on my mac (6.4)
Posted by rkombiyil on Sun, 09 Sep 2007 00:22:32 GMT

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On Sep 7, 11:25 pm, "M. Katz" <MKatz...@yahoo.com> wrote:
> Curiously, on MacOSX with IDL 6.3 I cannot find the write_png.pro file
> I expected to be in .../lib/.
> However, write_png is working fine from the command line.
> So I wonder where it's supposed to be. I did notice that there's a
> /Applications/rsi/idl_6.3/bin/bin.darwin.ppc/idl_png.dlm and a
> similar .so
> Maybe they get their functionality from another means.
> Have you contacted ITT?
> Best,
> M.

Aha, there it is :) The wrapper (write_image) communicates with the
png library, which's been packaged into a dlm, so they can be accessed
from within IDL, like native commands. I suspected this might be the
case, but actually looked only inside the /lib.