

---

Subject: Re: Read\_grib under IDL 7.0

Posted by [ray.laymon064](#) on Thu, 06 Nov 2008 16:41:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Nov 5, 9:01 pm, Andrew Cool <[andrew.c...@dsto.defence.gov.au](mailto:andrew.c...@dsto.defence.gov.au)> wrote:

> On Nov 5, 2:12 pm, ray.laymon...@gmail.com wrote:

>

>

>

>> All,

>

>> Solution should be easy but I couldn't figure out and couldn't find

>> the solution in the user forum. I would appreciate any help.

>

>> I have been using the read\_grib.pro scripts of Andy Pursch (over

>> ittvis user community downloads). For the past year I didn't have

>> problem running it under IDL 6.3. Since the read\_grib package contains

>> 5 scripts, I have been compiling each script via "resolve\_routine"

>> commend before calling "read\_grib.pro" in my scripts.

>

>> So far, I didn't have any problem, but when I tried to run the same

>> script under IDL7.0 I had an error saying

>

>> Stat = IDL\_GRIB(file, Count = LCount)

>>                                   ^

>> % Syntax error.

>> At: /home/usr/bin/read\_grib.pro, Line 612

>

>> Stat = IDL\_GRIB(File, Image, Dump = GetRecords[I], \$

>>                                   ^

>> % Syntax error.

>> At: /home/usr/bin/read\_grib.pro, Line 631

>> % Compiled module: READ\_GRIB.

>> % Attempt to call undefined procedure/function: 'READ\_GRIB'.

>> % Execution halted at: \$MAIN\$                   96 /home/usr/bin/

>> read\_the\_grib\_file.pro

>

>> And when I run the same script under IDL 6.3, (without editing a dot),

>> it runs without any problem.

>> Could anyone possibly help me what would be the reason?

>

>> Cheers,

>> Ray

>

> You do remember that there are DLL and DLM files that need to be

> copied into the appropriate

> folders, e.g. C:\RS\IDL63\bin\bin.x86 on a Windows box?

>  
> That's why the READ\_GRIB function is failing - it can't find the DLL/  
> DLM files.  
>  
> Check out the Help that comes in the IDL\_GRIB zip file.  
>  
> Andrew

Yes, I did copy the idl\_grib.dlm and idl\_grib.so files  
under /usr/local/itt/idl/bin/bin.linux.x86 (running under linux)..  
at first I also thought about these two files, but still didn't work.

One thing I learned is I really didn't need the resolve\_routine  
command (thx David).

Actually I also copied all necessary grib scripts under the working  
directory.

Library path looks fine. I copied the necessary .dlm & .so files.. I  
don't  
understand why I can read the files under v6.3 but still not under  
v7.0..

Thanks all,  
Ray

---