
Subject: Re: IDL reading grib data on 64bit-machine
Posted by [Nigel Wade](#) on Wed, 09 Jun 2010 12:33:11 GMT
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On Wed, 09 Jun 2010 05:07:05 -0700, jkeller wrote:

> I used to work with the 32bit-GRIB data reading library provided in the
> IDL community code library (
> <http://www.itvvis.com/UserCommunity/CodeLibrary.aspx>) and everything
> worked fine.
>
> As I upgraded my system to a new computer and 64bit Linux, the routine
> does not work anymore. Certainly, I could convert the data to binary or
> netcdf. However, the GRIB routine from the code library was the more
> elegant solution and I would like to know, if there is a 64bit version
> or if I can start IDL in 32 bit mode.
>
> Sincerely,
> Jan

You can certainly run 32bit IDL on your 64bit Linux - provided you have the necessary 32bit libraries installed. Some distros. include both in a default install, others require you to install them explicitly. If you can run any 32bit executable then you are probably ok.

AFAIK the IDL Linux distribution contains both the 64bit and 32bit versions, and installs both. If your IDL installation directory contains bin/bin.linux.x86/ then you already have it. To run it add the flag -32 to the idl command. I don't know how you'd run it from the IDE because I don't use idlde.

So, just try the command "idl -32" and see if it works...

--

Nigel Wade
