Mike,
Have you tried copying cygwin1.dll to the system32 or DLM directory?
Otherwise you could try recompiling with Visual or Intel C++ compiler.
Also, wasn't there an option -mno-cygwin to produce code that runs
without cygwin.

As I am writing this, I just saw the commetn on their web site:
- IDL DLM interface under Windows XP crashes IDL. Formerly worked
under
  Win2k. May need to link with MSVC++ 7.0 instead of Cygwin/GCC.

If you don't use J2000 or the heliospheric coordinate systems, this may
be the point where I give you another plug for my idl_geopack dlm
(available at the code bank). Runs under Linux and Windows (including
XP), and there is a version for IDL 6.3 for Windows, which requires
recompilation due to renaming of IDL32.DLL/LIB to IDL.DLL/LIB.

Good luck,
Haje

Mike Wallace wrote:
> Hi Everyone,
>
> I am trying to use the CXFORM module
> (http://windsor.gsfc.nasa.gov/selected_software/coordinate_tr ansform) on
> a WinXP box, but can't get it to work. I tried downloading the
> pre-built binary and compiling from source, but neither approach worked.
>   In both cases I get an error when I load the DLM: "This application
> has failed to start because cygwin1.dll was not found. Re-installing
> the application may fix this problem." FWIW, "help, 'cxform', /dlm"
> displays correct results. I already had cygwin installed on my system
> and the library is present. I tried a couple different random ideas,
> but I haven't yet found a way to get IDL to find the cygwin1.dll. Any
> ideas?
>
> -Mike
>
>
> P.S. The library works fine under Linux. :-)