Subject: Re: Geopack magnetic field library
Posted by Haje Korth on Fri, 17 Jun 2005 16:17:52 GMT
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Rick,
yes, unix has just too many flavors. The main problem is though that I use the Intel Fortran compiler on Windows and Linux for the Fortran code. The advantage is that I can use the Windows code with all special DLL compile directives on Linux as well. The Linux version of the compiler just ignores these commands. I have no time to test this with different compilers. If you (or Mike) want to give other compilers a try send me an e-mail and we handle that off line. Once we have a working version, we can make that public.

Haje

"Rick Towler" <rick.towler@nomail.noaa.gov> wrote in message news:d8usqe$3bg$1@news.nems.noaa.gov...
>
>
> Michael Wallace wrote:
>> Haje Korth wrote:
>>
>>> Hi,
>>> Just in case anyone is interested, I have posted a Windows DLM at the
>>> RSI code bank that contains the complete set of routines from the
>>> Fortran Geopack magnetic field library by N. A. Tsyganenko
>>> (http://nssdc.gsfc.nasa.gov/space/model/magnetos/data-based/m odeling.html).
>>> It also includes all currently available models for the Earth's external
>>> magnetic field. This library is NOT an IDL recode of the original
>>> routines, which has been done in the past. C wrappers are used to access
>>> the Fortran routines instead. The library is pre-compiled.
>>
>>
>> Very very very cool, except the Windows part. Is there any reason why
>> you didn't post the Linux DLM as well? I only found that one by finding
>> your website with both DLMs on it. And what about getting the DLM for
>> other operating systems, like Solaris?
>
> Sheesh! Anything else you want? A precompiled version for HP/UX or AIX
> or VMS or CP/M? I'm kidding. But Haje might not have access to a
> slowlaris box with IDL installed to compile and test. And then is he
> supposed to offer 32-bit binaries? 64-bit? Then someone will complain
> that he used GCC instead of the sun compiler...
>
> -Rick