

Re: LAPACK

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John Lansberry wrote:

> <chapolincolorado@gmx.net> wrote in message
> news:5e34840.0410051355.553e0c9a@posting.google.com...
>
>>what do I have to do for installing LAPACK on a pc with windows XP???
>>can't find any user-guides.....
>>thanks a lot
>
>
> I'm not exactly sure what your problem is, but maybe this will help:
>
> 1. You need a Fortran compiler, unless you want to use CLAPACK.
>
> 2. Get LAPACK from netlib: <http://netlib.org/lapack/index.html>. There are
> several ZIP files out there for Windows, including lapack-pc.zip,
> lapack-pc-df.zip and lapack-pc-wfc.zip. Pick one that most closely matches
> your Fortran compiler.
>
> 3. You can try using the supplied makefiles to build and test, but I tend to
> use my development environment (Visual Studio for me) to create a static
> library that I can then link into any program that needs it.
>
> 4. The speed of LAPACK is very dependent on the quality of your BLAS. The
> reference implementation from netlib will work, but you will not get the
> "best" performance.
>
> 5. If you really intend on making a lot of use of LAPACK, buy a Fortran
> compiler that comes with BLAS/LAPACK, such as Compaq Visual Fortran. CVF is
> no longer in development, however. Intel Visual Fortran is the replacement,
> but you need to purchase the Intel MKL library to get BLAS/LAPACK.
>
> 6. If you are not married to Windows XP, you can try the switch to Linux,
> and then you might be able to get good BLAS/LAPACK libraries for free. I
> believe even Intel supplies free versions of its compilers and MKL for
> non-commercial use.
>
>

Yeah that's true, I have intel compilers installed in my linux box and

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its running very well. so maybe you can consider installing a linux,
that will save u a lot of troubles.