
Subject: LAPACK routines

Posted by [guido](#) on Thu, 20 Nov 2008 09:19:59 GMT

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Has anyone ever imported the LAPACK routines to IDL?

Does anyone know a good way to import/compile them in IDL?

Because I need these routines:

DGEES DGGES ZGEES ZGGES DGEBAL ZGEBAL DGEBAK ZGEBAK

And the LAPACK routines of IDL can not do what I have to do (Schur decomposition of matrix and pencils, matrix and pencil balancing).

Thanks

Guido

Subject: Re: LAPACK routines

Posted by [Haje Korth](#) on Thu, 20 Nov 2008 13:28:11 GMT

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Yes, I do and so would you if you would RTM (I avoid the F because that would be rude). Seriously, this is all described in the IDL documentation and usable demo code is included in the IDL distro (check <IDL_DIR>/external and subdirectories). So all you have to do is take that code (I recommend the call_external method for beginners) and swap the demo routine for any of those mentioned by you. This will take some time but I doubt that you find anyone writing this for you for free.

Good luck,

Haje

"guido" <guido.agapito@gmail.com> wrote in message

news:f8536b56-12ab-49d0-88a6-a0eb0d6e150e@j38g2000yqa.google groups.com...

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