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Subject: CLAPACK and IDL

Posted by [johnpeterkelly@gmail.com](mailto:johnpeterkelly@gmail.com) on Fri, 31 Mar 2006 21:08:14 GMT

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I'm writing a program in C which is called from IDL using the `call_external` routine. I'd like to run a CLAPACK routine from the C program to find some eigenvalues and eigenvectors, however, everytime I try to call and CLAPACK functions I get a segmentation fault. I know that I can use the built in IDL functions for this, but I'd really rather not pass my data back to IDL at this point, since I have more processing to do in C.

I've written some standalone testing programs that use the same CLAPACK functions and they run just fine. When I use the exact same code through the `call_external` function, I get a seg fault.

Any thoughts?

--John

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