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Subject: Re: Using IDL's Linkimage call

Posted by [rivers](#) on Fri, 29 Sep 1995 07:00:00 GMT

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In article <449efn\$lu5@aplinfo.jhuapl.edu>, Martha-Kusterer-S1C <kuster> writes:

> I want to speed up some code running in VMS, that makes extensive use of  
> Call\_External to access FORTRAN routines. I would like to find examples that  
> use the linkimage call to access FORTRAN routines. My main concern is how to  
> pass the variables since the example in the IDL manual does not have any  
> parameters, or even very much of an example! Has anyone used it? Is it  
> significantly faster than using CALL\_EXTERNAL?

I do not think that LINKIMAGE is significantly faster than CALL\_EXTERNAL. I use both. What makes you think that CALL\_EXTERNAL is slow? Have you benchmarked a call to CALL\_EXTERNAL which does something trivial? I really don't think there is much overhead in CALL\_EXTERNAL, I know that I can call it at least 100 times per second.

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