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Subject: passing IDL string to Fortran90?

Posted by [biophys](#) on Fri, 28 Apr 2006 07:17:07 GMT

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Hi, Folk

I've been using quite often with `call_external()` to let F90 do the number crunching. And I'm happy to see it speeds my data processing quite a lot. Recently I found that F90 loads binary data from file 3~4 times faster than IDL. However it seems clueless to me how to pass a IDL string to Fortran90. Can anybody here give me some hints? Thanks a lot!

bp

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Subject: Re: passing IDL string to Fortran90?

Posted by [biophys](#) on Fri, 28 Apr 2006 19:38:33 GMT

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Ok, I came up with a not so decent solution to my problem. A little silly, but it works!

In IDL I pass the string, which is actually a filename, as two variables as `byte(filename)` and `strlen(filename)` with type `integer*1` and `integer*4` and in fortran convert it back to `char(*)` with the intrinsic `char()` function.

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