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Subject: Re: giving input to fortran program using spawn in IDL

Posted by [vino](#) on Fri, 26 Sep 2008 08:41:54 GMT

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On Sep 24, 6:05 pm, ramm...@gmail.com wrote:

> Dear all,

>

> I have some programs written in fortran-77. I want to run them

> in

> the IDL editor. I tried using spawn command. Which is good only if I

> am not worry about input to fortran from IDL itself. The result from

> spawn can be split according our fortran program.

>

> But I am creating some data from IDL, which is required for

> fortran

> as input. I search on the web and tried myself. But I could not make

> it.

Hi I dealt with this issue a couple of months ago. I too wanted to transfer an array data from IDL to Fortran for processing and pass it back.

I simply wrote an outfile from IDL, which fortran uses as an input parameter file. And it worked well for me.

Here is what i did:

forprint,result,text='data.prt',/silent,/nocomment ;The variable result contains the array that are the inputs of fortran and these ;are stored in a file data.prt.

spawn,['./fortran.f'],/noshell, result ;Here the variable result contains the output from fortran. I used the no shell keyword to ;increase the speed.

Hope it was useful,

regards,

vino

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