
Subject: Re: problem in reading unformatted data from a FORTRAN file

Posted by [DK](#) on Mon, 22 Jun 2015 14:36:32 GMT

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> What error did you get?

>

>

> On 06/22/15 09:48, DK wrote:

>> The output in the FORTRAN file wrote like this:

>>

>> -----

>>

>> real, x(10, 722, 144)

>>

>> open(21, file='result.dat', form='unformatted')

>> ...(some calculation about x)

>> write(21) x

>> close(21)

>>

>> -----

>>

>>

>> and reading program in IDL is like this:

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>> -----

>>

>> data=fltarr(10,722,144)

>> openr, lun, 'result.dat', /get_lun, /f77_unformatted

>> readu, lun, data

>> free_lun,lun

>>

>> -----

>>

>>

>> But it looks like these code cannot read the file "result.dat" into

> the array "data". Where is the problem? Thanks!

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>>

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>>

No error. Just could not read the data in. There "0.000000" in the array "data" except the last part "data[:,*,143]". However, when the array was set to 2-Dimension in the FORTRAN file, the results will be OK.
