
Subject: problem in reading unformatted data from a FORTRAN file

Posted by [DK](#) on Mon, 22 Jun 2015 13:48:05 GMT

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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:

```
-----  
  
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!

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

Posted by [Paul Van Delst\[1\]](#) on Mon, 22 Jun 2015 14:23:35 GMT

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What error did you get?

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

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

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.
