Subject: Re: problem reading Fortran binary file
Posted by David Fanning on Thu, 25 Mar 2010 17:42:17 GMT

bing999 writes:

> Does anybody know what i did wrong? :)

Maybe you forgot the F77_UNFORMATTED keyword on
the OPENR statement .

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Subject: Re: problem reading Fortran binary file
Posted by penteado on Thu, 25 Mar 2010 18:50:24 GMT

This is what you were asking, but I think the way you are reading it,
your Nphot_tab will have the elements messed up in it. Both IDL and
Fortran are row major, so when you read the data, the leftmost
dimension should vary the fastest. Also I think you could use just:


```
nrej = 0L
n = 0L
my_file = 'bfile.bin'
openr,unit,myfile,/get_lun,/f77_unformatted
readu,unit, nrej,n
Nphot_tab = dblarr(nrej,n)
readu,unit,Nphot_tab
free_lun,unit
```

You should also make sure that the data types match. Is your fortran
array data made of 64-bit reals? Are the fortran nrej and n 32 bit
integers?

Subject: Re: problem reading Fortran binary file
Posted by penteado on Thu, 25 Mar 2010 18:51:31 GMT

On Mar 25, 3:50 pm, pp <pp.pente...@gmail.com> wrote:
> This is what you were asking, but I think the way you are reading it,

I meant to say "this is not what you were asking".