Subject: Reading string data from binary f77 files? Posted by scott on Thu, 06 Jan 1994 18:17:50 GMT

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I have binary files of model output that are set up with a bunch of header info, including a list of the names of the fields contained in the file. The files are written in IEEE binary by fortran 77 programs. I can read everything just fine into IDL by opening the file code like

...
ARRAY1 = FLTARR(im,jm,lm)
OPENR, 1, 'model.output', /F77\_UNFORMATTED
READU, 1, ARRAY1
...

etc.

The only trouble seems to be in reading the strings which are supposed to be the names of the fields (titles for the plots I make with IDL). I have been trying variations on

title = StrArr(100) readu, 1, title

All I get is an array of 100 nulls.

Even reading a single character string like this:

name = '123' readu, 1, header

doesn't work.

Any ideas?

Thanks for your help. emailed or posted responses will be greatly appreciated.

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