
Subject: Re: Reading fortran

Posted by [R.G. Stockwell](#) on Fri, 28 Nov 2008 22:24:25 GMT

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"Andres" <panblosky@gmail.com> wrote in message

news:2ee32df7-524b-4cc9-901f-40ec0fe87288@f40g2000pri.google groups.com...

> Hi all,

>

> perhaps it is an easy one, but I am having problems reading the

> following in IDL:

>

> open(11,file='file_name',form='unformatted')

> rewind 11

> do i3=1,np3

> write(11) ((delta(i1,i2,i3),i1=1,np1),i2=1,np2)

> end do

> close(11)

wild guess, but i'd say it looks like you are writing

a 3D array in binary, and i'll guess it is a floating point number array.

so in IDL do

```
datain = fltarr(np1, np2, np3)
```

```
openr,1,'filename'
```

```
readu,1,datain
```

```
close,1
```

This won't work, cause you'll have to figure out

byteswapping, and dimension order.

So, make a fake file in fortran so you know what the

data is (numbers like $\text{delta}[1,1,1] = 111$, $\text{delta}[4,8,5] = 485$ etc.)

and see what you get. Then simply debug it into existence.

Cheers,

bob
