## Subject: Re: reading f77\_unformatted and writing it as ascii file Posted by David Fanning on Tue, 21 Dec 2004 23:13:07 GMT

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## Jaehyung Yu writes:

```
> I downloaded f77_unformatted data file and tried to extract the information
  to ascii format.
 However, the output file I extracted has only one value of "0".
>
  The dataset is 1400x1400 float array. I used the following lines. Can
  somebody help me what I did wrong?
>
  Thank you in advance.
>
> IDL> file = 'bal_flux.bas_smooth35'
> IDL> openr, lun, file, /f77_unformatted, /get_lun
> IDL > nx = 0L & ny = 0L
> IDL> readu, lun, nx, ny
> IDL> print, nx, ny
       1400
                 1400
> IDL> bal_flux = fltarr(nx, ny)
> IDL> help, bal_flux
    BAL_FLUX
                     FLOAT
                               = Array[1400, 1400]
> IDL> free lun, lun
> IDL> outfile = 'outfile.txt'
> IDL> openw, lun_out, outfile, /get_lun
> IDL> printf, lun_out, bal_flux
> IDL> free_lun, lun_out
> Your help is very important and urgent to me.
```

Uh, I think you forgot to read the data into your bal\_flux array. You have made it the right size (and you have filled it with zeros), but you didn't read the data out of the file. You probably need another READU in there somewhere. :-)

Cheers,

## David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/