
Subject: Re: reading binary files
Posted by [Vince Oliver](#) on Tue, 19 Jun 2007 16:10:24 GMT
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ok ... works seems to me. thanks for help. I copy paste the program
for the case somebody has similar problem

```
data = 'c:\users\spectra10.bin'
```

```
OpenR, lun, data, /Get_Lun, /F77_UNFORMATTED
```

```
n=7323
```

```
nmod = 10
```

```
spectra = ASSOC(lun,{RecBegin:0L, data:FLTARR(2,n), RecEnd:0L})
```

```
for i = 0, nmod-1 do begin  
  openw, out, strcompress('test'+string(i)+'.dat'), /get_lun  
  spectrum = spectra[i]  
  for j = 0, (size(spectrum.data))[2]-1 do begin  
    printf, out, spectrum.data[0,j], spectrum.data[1,j]  
  endfor  
  close, out  
  free_lun, out  
endfor
```

```
Close, lun
```

```
Free_Lun, lun
```

On Jun 19, 5:28 pm, Paul van Delst <Paul.vanDe...@noaa.gov> wrote:

> Vince Oliver wrote:

>> paul, when I do

>

>> spectra = ASSOC(lun,{RecBegin:0L, Data:FLTARR(2,n), RecEnd:0L})

>> spectrum = spectra[0]

>> print, spectrum

>

>> I ended have:

>

```

>> SPECTRUM      STRUCT  = -> <Anonymous> Array[1]
>> {    58584    91.0000 2.04773e-023
>>    94.0000 5.73142e-023
>>    96.0000 1.12218e-022
>>    98.0000 2.17056e-022
>>   100.000 4.00652e-022
>> ...}
>
>> How to get these elements?
>
> The structure components? Use the "." operator to resolve them. Try,
>
> IDL> help, spectrum.data
>
> For example:
>
> IDL> spectrum={rb:-999L, data:findgen(5)+10.0, re:-999L}
> IDL> print, spectrum
> {    -999    10.0000    11.0000    12.0000    13.0000    14.0000
>    -999}
> IDL> help, spectrum
> SPECTRUM      STRUCT  = -> <Anonymous> Array[1]
> IDL> help, spectrum.data
> <Expression>  FLOAT  = Array[5]
> IDL> print, spectrum.data
>    10.0000    11.0000    12.0000    13.0000    14.0000
> IDL> print, spectrum.rb, spectrum.re
>    -999    -999
>
> Check your IDL help for much more info on IDL structures.
>
> cheers,
>
> paulv
>
> --
> Paul van Delst      Ride lots.
> CIMSS @ NOAA/NCEP/EMC      Eddy Merckx- Hide quoted text -
>
> - Show quoted text -

```
