Subject: Re: reading binary files
Posted by Vince Oliver on Tue, 19 Jun 2007 14:16:32 GMT
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we are maybe on the good way. I wrote this

OpenR, lun, data, /Get_Lun, /F77_UNFORMATTED

```
specnr=2
nlen=7323
n=2*nlen
specoff=(n+1)*specnr*4l ; this is letter L not number 1
spectra = Assoc(lun, Fltarr(n),specoff)

aSpectra = spectra[0]

for i = 0l, 10, 2 do begin
      print, aSpectra[i], aSpectra[i+1]
endfor
```

the output is:

```
1.00407e-021 8.20937e-041
8.20937e-041      91.0000
2.39148e-009      94.0000
3.81471e-009      96.0000
5.10172e-009      98.0000
2.44573e-008      100.000
```

Should be like

```
91.  2.39147746E-09
94.  3.81470944E-09
96.  5.10172171E-09
....
```

> From where these 3 numbers are on the begining? I can put

```
for i = 3l, 10, 2 do begin
      print, aSpectra[i], aSpectra[i+1]
endfor
```

but the point is that I miss 3 last numbers at the end because of these numbers.

On Jun 19, 3:06 pm, Wox <nom...@hotmail.com> wrote:
>> I have no experience with this, but what happens if you use (e.g. for
>> 3rd spectrum):
>
>> specnr=2
>> nlen=7323
>> n=2*nlen+1
>> specoff=n*specnr*4
>> spectra = Assoc(lun, Fltarr(n),specoff)
>
> Sorry, this:
>
> specnr=2
> nlen=7323
> n=2*nlen
> specoff=(n+1)*specnr*4
> spectra = Assoc(lun, Fltarr(n),specoff)
>
> I assume here that the data is: DWORD|fltarr(n)|DWORD|fltarr(n)...
