
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)...
