Subject: Re: reading binary files
Posted by Paul Van Delst[1] on Tue, 19 Jun 2007 15:28:38 GMT
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Vince Oliver wrote:
> paul, when I do
>
> spectra = ASSOC(lun,{RecBegin:0L, Data:FLTARR(2,n), RecEnd:0L})
> spectrum = spectra[0]
> print, spectrum
>
> I endeed 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

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Paul van Delst Ride lots.
CIMSS @ NOAA/NCEP/EMC Eddy Merckx