Subject: Re: reading binary file with READ_BINARY
Posted by David Fanning on Thu, 17 Oct 2013 13:46:16 GMT
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mishooax@gmail.com writes:

> I am trying to read a binary file in IDL containing a simple 2D array of 360x180 values. For
reference, the binary file can be found here:
>
>   http://transcom.project.asu.edu/download/transcom03/smoothma p.fix.2.bin
>
> Here is what the readme for this .bin says:
>
> The file 'smoothmap.fix.2.bin' contains a single real, binary
> array dimensioned 360 x 180. The array contains the numbers 1
> through 22, denoting each of the 22 basis functions in the
> TransCom 3 experiment. This file was written on an SGI Origin
> 2000 hosting UNIX.
>
> How can I read in this file correctly?

I would read it like this.

```
file = 'smoothmap.fix.2.bin
OpenR, lun, file, /Get, /Swap_If_Little_Endian
data = FltArr(260, 180)
ReadU, lun, data
Free_Lun, lun
```

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")