Subject: Re: reading past leading and training bytes
Posted by peter.albert@gmx.de on Fri, 07 Jul 2006 06:47:06 GMT
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Hi Jason,

my previous poster's resonse using the f77_unformatted keyword is most likely the correct solution to your current problem, but a general solution for skipping any number of bytes would be:

IDL> openw, lun, filename, /get_lun
IDL> skip_it = bytarr(4) ; replace 4 by the actual number of bytes you'd like to skip
IDL> readu, lun, skip_it

after that, the file pointer is at the correct position to read the "real" dataset. Well, that was how I read in those fortran-geenrated files all the time. While writing this, the idea comes to my head that it might have benn smarter to just use

IDL> openw, lun, filename, /get_lun
IDL> point_lun, lun, 4

instead. Might be worth a try ...

Cheers,

Peter

glaciologist schrieb:

> I'm using readu to read a 101 X 55 (2D) binary file
>
> The file has leading and trailing 4 byte tags (00 00 56 CC in
> hexadecimal).
>
> How to skip past these??!
>
> I use this code, which successfully reads in array, but first column
> gets scrambled!~
>
> readu,1,data
> byteorder,data,/xdrtof ; byteswap needed
>

> data are output by Linux Fedora 4 Portland Group FORTRAN executable
> with -byteswapio flag set on compile
>
> With thanks!
>
> Jason Box
