Subject: Re: moving within a file Posted by Martin Schultz on Wed, 04 Mar 1998 08:00:00 GMT View Forum Message <> Reply to Message

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Gerhard D. Rappold wrote:
> Hello IDL users.
> I'm just a beginner of IDL and want do know how I could read an open
> file (or a part of it) severeal times. If you have openend the file
  (e.g. StrArr(6, 100) to read the file you do:
     data = StrArr(6,100)
>
     readf, data
>
> if you now want to read the 3 colume without starting over and doing the
>
     Free lun,
>
     openF, lun, etc.
>
  again.
  How can you do it?
  thanks
> Gerhard
since you are reading in a string array, you can convert this to numbers
by calling
   READS,data(i),var1,var2,var3,...
(or you can download D. Foster's GET_TOKEN.PRO from
   ftp://bial8.ucsd.edu/pub/software/idl/share/idl_share.tar.gz
If you really need to (re)position your file pointer,
   res = fstat(ilun) ; get fileinfo structure
   filepos = res.cur_ptr
   point lun, ilun, filepos ; set file pointer
(filepos must be LONG!)
Martin.
Dr. Martin Schultz
```

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Subject: Re: moving within a file Posted by davidf on Wed, 04 Mar 1998 08:00:00 GMT

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Gerhard D. Rappold (rappold@zedat.fu-berlin.de) writes:

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- > (e.g. StrArr(6, 100) to read the file you do:

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> readf, data

>

> if you now want to read the 3 colume without starting over and doing the

> Free\_lun,

- > openF, lun, etc.
- > again.
- > How can you do it?

If you just want to "rewind" the file (or go some other place in it), you can use the POINT\_LUN procedure. For example, if you want to rewind a file to its beginning, you can type this:

Point\_Lun, lun, 0

If what you are asking is how do you read the 3rd column in that 6 by 100 string array, then I would do it like this:

col3 = Reform(data[2,\*])

You can find other tips about reading and writing data in IDL on my web page.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/