Subject: Re: BINARY FILES
Posted by mole6e23 on Fri, 13 Oct 2000 07:00:00 GMT
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Silly me -

Of course, you need to divide by the size of each element when using the
fstat function to get the array size:

array = fltarr(stat.size / 4) ;; 4 bytes to a float

Todd

> I always use the fstat routine, which gets a bunch of information about
> the file, but the only one I ever use is the size field:
>
> ;-----
> openr,lun,'file.dat',/get_lun
> stat = fstat(lun)
>
> array = fltarr(stat.size)
>
> readu,lun,array
>
> free_lun, lun
> ;----
>
> Alternatively, if you're on UNIX, you can use the /nostdio keyword which
> lets you just read willy nilly until the end of the file, and then get the
> transfer count from the readu procedure. It's not a good way of doing
> things, in my opinion, but it works:
>
> ;; Allocate a much bigger array than you need
> array = fltarr(1e5)
> openr,lun,'file.dat',/get_lun,/nostdio
> readu,lun,array,transfer_count=count
> array = temporary(array)[0:count-1]
> free_lun, lun