Subject: Re: Read binary data
Posted by Spon on Wed, 16 Jul 2008 16:13:25 GMT
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On Jul 16, 4:50 pm, xiao zhang <littledd...@gmail.com> wrote:
> HI~ every one ~
> I am trying to read a binary file which is 17920168 bytes and the
> first 168 bytes of it is header infromation, The rest of it is
> 800*800*14 two bytes integer. (like a 3 dimention array.) Can any
> one help me to read it out ? There should not be so many zeros in it,
> but i tried several times it still shows a lot of zero.
>   Thanks~

OpenR, Lun, MyFile, /Get_Lun
Point_Lun, Lun, 168
MyData = Intarr(800, 800, 14, /NoZero)
ReadU, Lun, MyData
Free_Lun, Lun

OR:

MyData = Read_Binary(MyFile, Data_Type = 2, Data_Start = 168, $
  Data_Dims = [800, 800, 14])

The advantage of the first method is that it's fast. The advantage of
the second method is that if you're running into little/big endian
issues, you can simply set the endian keyword as needed.

Here's a helpful article if you're not sure:
http://www.dfanning.com/tips/endian_machines.html

Regards,

Chris