Subject: Re: Would you help me out? data converting problem. Posted by Kevin Ivory on Tue, 21 Jul 1998 07:00:00 GMT

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Jouhahn Lee wrote:

> I have got unformatted raw experiment data obtained from the

The data is not unformatted = binary, it's what IDL calls 'free format'.

- > microscope. This is just
- > a string form of integer data. The data set was consist of 2048 integer
- > ascii numbers.
- > What I am trying to do is to make 64 x 32 image from that data file.
- > However, I could
- > not convert this file to 64x32 image file. I guess there might be quite
- > easy solution but

Here is a quick and dirty way of reading the file (no checks for complete file, data consistency, free logical units, etc.):

```
image = intarr(64, 32)
openr, 1, /get_lun, 'Aug104.dat'
readf, 1, image
close, 1
```

Now you have your data in a 64 x 32 integer array and you can do all the image processing you like. Look into the IDL book 'Building IDL applications', chapter 'Files and Input/Output' and the book 'Using IDL', chapter 'Image Display Routines'. (The books are available as PDF files on your installation CD and on RSI's ftp server.)

Best regards Kevin

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Kevin Ivory Tel: +49 5556 979 434 Max-Planck-Institut fuer Aeronomie Fax: +49 5556 979 240

Max-Planck-Str. 2 mailto:Kevin.lvory@linmpi.mpg.de

D-37191 Katlenburg-Lindau, GERMANY http://www.gwdg.de/~kivory2/