
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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