
Subject: Re: Q: raw data conversion

Posted by [8015](#) on Tue, 20 Sep 1994 17:04:02 GMT

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In article <1994Sep19.110600.24425@msuvx1.memphis.edu>,

PAVAN VEMULAKONDA <pvemulakonda@cc.memphis.edu> wrote:

> I have some image data files with plain integer values of the pixel intensity.

> I want to convert them into any of the following formats tiff,gif,jpeg etc.

> How can I do that. How can I read the raw integer data as an image data in IDL.

> Plz help me with this problem.

>

> thanks

I assume you know the size of the file in X,Y dimensions. Let's say the file is 1024(X) x 768(Y). The commands should be:

IDL> ifile = "name of your input file" ; input integer file

IDL> ofile = "name of your output file" ; output gif file

IDL> image = intarr(1024, 768) ; create array for storing data

IDL> openr, lun, ifile, /get_lun ; open the input file

IDL> readu, lun, image ; read the input file into the data array

IDL> free_lun, lun ; free the file lun

IDL> write_gif, ofile, bytscl(image) ; not sure if bytscl() is needed

For tiff files, sub tiff_write for write_gif. For jpeg, sub write_jpeg for write_gif. Look in the "data_io" and "routines" categories in the help section for other formats.

Mike Schienle

Hughes Santa Barbara Research Center

8015@sbsun0010.sbrc.hac.com

75 Coromar Drive, M/S B28/87

Voice: (805)562-7466 Fax: (805)562-7881

Goleta, CA 93117
