
Subject: Re: Image question.

Posted by [8015](#) on Thu, 13 Oct 1994 15:41:45 GMT

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In article <1994Oct12.112035.26360@msuvx1.memphis.edu>,

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

> How can I read an image on the screen into an integer array and store it as
> a data file (im.dat) consisting of integer data. Plz somebody help me with
> this.
>
> Thanks.

If the image is already on the display, use the the TVRD() function.
Something like:

IDL> image = tvrd() ; options for size and 24-bit may be included here

IDL> s = size(image) ; get the size of the image array

IDL> intimage = intarr(s(1), s(2)) ; create an int array using sizes

The '*' below allow you to fill the intimage array rather than recreate it

IDL> intimage(*,*) = image(*,*)

IDL> openw, lun, 'im.dat', /get_lun ; open the output file

IDL> writeu, lun, intimage ; write the image to the output file

IDL> free_lun, lun ; free the lun

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
