
Subject: Re: Image question.

Posted by [zawodny](#) on Thu, 13 Oct 1994 17:58:01 GMT

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In article <37jkfp\$17p@hacgate2.hac.com> 8015@sbsun0010.sbrc.hac.com (Mike Schienle) writes:

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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
```

Sure this works, but why do so much work when the following will suffice:

```
IDL> openw, lun, 'im.dat', /get_lun ; open the output file
IDL> writeu, lun, fix(tvrd()) ; write the image to the output file
IDL> close,lun ; close the output file
IDL> free_lun, lun ; free the lun
```

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