
Subject: Re: Converting data

Posted by [thompson](#) on Fri, 25 Jul 1997 07:00:00 GMT

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Neil Winrow <ncw@dl.ac.uk> writes:

> Can anyone please help me!
> I have written a small program to output a 3D graphical image from a set
> of data. The data represents the values in the positive quadrant (x=0,20
> and y=0,20 etc), but the complete output is symmetrical(or so I'm told).
> Is there anyway that I can output the complete data set by creating a
> new array of the values. This would be a great help, and save alot of
> grief.

Try this:

```
SZ = SIZE(IMAGE)
SYM_IMAGE = FLTARR(2*SZ(1)-1,2*SZ(2)-1)
SYM_IMAGE(SZ(1)-1,SZ(2)-1) = IMAGE
SYM_IMAGE(0,SZ(2)-1) = REVERSE(IMAGE,1)
SYM_IMAGE(SZ(1)-1,0) = REVERSE(IMAGE,2)
SYM_IMAGE(0,0) = REVERSE(REVERSE(IMAGE,1),2)
```

William Thompson
