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Subject: Re: Z-Buffer - partial solution

Posted by [nolf](#) on Tue, 11 Feb 1997 08:00:00 GMT

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Regarding John-David Smith <jdsmith@astrosun.tn.cornell.edu> problem with the Z-buffer device, I offer a partial solution. These modifications to D. Fanning's example will line up the axes correctly (at least they do on my X-terminal):

```
TVLCT, [255, 0], [255, 255], [0,0], 1
data = DIST(40,40)
thisDevice = !D.NAME
SET_PLOT, 'Z'
DEVICE, Set_Resolution=[300,300]
SURFACE, data, Color=1
picture = TVRD()
```

> add these 2 lines

> x = !x.window

> y = !y.window

```
SET_PLOT, thisDevice
WINDOW, XSize=300, YSize=300
TV, picture
```

> modify this line

```
SURFACE, data, /NoErase, /NoData, Color=2, position=[x(0),y(0),x(1),y(1)]
~~~~~
```

I say this is only a partial solution because the axes labels don't line up exactly, but I've spent enough time on this.

Scott Nolf

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