Subject: Re: Z-Buffer
Posted by sigut on Thu, 13 Feb 1997 08:00:00 GMT
View Forum Message <> Reply to Message

In article <330206B8.41C67EA6@astrosun.tn.cornell.edu>
           John-David Smith <jdsmith@astrosun.tn.cornell.edu> writes:

> ... but it doesn't address the following larger issue:
> suppose what you needed to put into postscript was *actually* generated
> from some image command, and not a plotting command. For a specific
> example, suppose you had a galaxy survey with three dimension (ra, dec,
> and redshift) as an image, and you wanted to overlay axes. Getting the
> axes registered to the image is difficult, it seems to me, because of
> this dichotomy between plot and image positioning paradigms.

In 2d you can do something like:

```
;
;  raster.script
;

@get_stars.script  ; this reads in a byte array (480,512)

a=intarr(2,2)
!p.title='Feb 21 00:54:38 1992'

set_plot,'ps'

device,xoffset=4

if float(!d.x_size)/!d.y_size lt float(480)/512 then $
   !p.region=[0,0,1,512.*(float(!d.x_size)/480./float(!d.y_size ))] $
else $
  !p.region=[0,0,  480.*(float(!d.y_size)/512./float(!d.x_size)),1]

tv,b

plot,a,/nodata,/noerase,xrange=[0,1],yrange=[0,1], $
xmargin=[0,0],ymargin=[0,0],ticklen=-.02,xstyle=8

device,/close
set_plot,'x'
```

For 3-dim I just don't see quite clearly how your image is defined,
what axes do you want and where do you want them. How about an email
with details?

George

--
```
 --------------------------------------------------------------- ------------------
```
George M.Sigut, ETH Informatikdienste, Anwenderunterstuetzung, CH-8092 Zurich
Swiss Federal Institute of Technology,   Computing Services,   User Support
email: sigut@awu.id.ethz.ch   Phone: +41 1 632 5763   Fax: +41 1 632 1312
>>>>>>>>> in case of email problems send the mail to "sigut@acm.org" <<<<<<<<<
```
 --------------------------------------------------------------- ------------------
```