
Subject: Polyfill, z-buffer & postscript

Posted by [Isa Usman](#) on Mon, 27 Jan 2003 12:28:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

I am using polyfill to plot radar scans directly to postscript. The resulting files are quite big (~1MB) and I need to make them smaller. Is there a simple way?

I thought about using the z-buffer to do the plotting then saving it to postscript like this

```
loadct,13
!P.MULTI=[0,2,1]
set_plot,'Z'
erase,255
device,set_font='Helvetica',/TT_FONT
device,z_buffering=0
```

.....call to plotting routines (plot,polyfill)

```
a=tvrd(true=3)
close
```

```
set_plot,'ps'
device,/helvetica,/color,bits=8,/encapsulated,xsize=14.8,ysize=10.5
device,filename='test.eps'
tv,a,true=3
device,/close
```

```
!P.MULTI=0
```

....the resulting colors are all messed up.

Thanks in advance

Isa

Subject: Re: Polyfill, z-buffer & postscript

Posted by [Chris\[1\]](#) on Mon, 03 Feb 2003 02:47:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

It's been a long time since I used the postscript device (and I don't have my machine handy to double check), but I noticed you had the "bits=8" flag set in the device call when you are writing out true color (24 bit) data. Could this be the problem?

Chris

"Isa Usman" <eepisu@bath.ac.uk> wrote in message
news:b138lk\$1cju@newton.cc.rl.ac.uk...

```
> Hi,  
>  
> I am using polyfill to plot radar scans directly to postscript. The  
> resulting files are quite big (~1MB) and I need to make them smaller.Is  
> there a simple way?  
>  
> I thought about using the z-buffer to do the plotting then saving it to  
> postscript like this  
>  
> loadct,13  
> !P.MULTI=[0,2,1]  
> set_plot,'Z'  
> erase,255  
> device,set_font='Helvetica',/TT_FONT  
> device,z_buffering=0  
>  
> .....call to plotting routines (plot,polyfill)  
>  
> a=tvrd(true=3)  
> close  
>  
> set_plot,'ps'  
> device,/helvetica,/color,bits=8,/encapsulated,xsize=14.8,ysize=10.5  
> device,filename='test.eps'  
> tv,a,true=3  
> device,/close  
>  
> !P.MULTI=0  
>  
> ....the resulting colors are all messed up.  
>  
> Thanks in advance  
>  
> Isa  
>  
>
```
