Subject: Re: Map Alignment in PS
Posted by David Fanning on Mon, 18 Sep 2006 21:07:59 GMT

mankoff writes:

```
>
> I've been doing maps with IDL for years, both X11 direct and
> PostScript. I've never seen this one before and I'm not sure why, as it
> seems really easy to reproduce (on my system) and I cannot find a
> work-around. Am I losing it?
>
> This code:
>
> map_set,0,0,/iso,/ortho
> tv, map_image(bindgen(16,16),/compress,/bil,xx,yy),xx,yy
> map_horizon
>
> Produces a normal looking circle with a border.
>
> But if I do
>
> set_plot,'ps'
> device, /color, bits=8
> ; insert above code here
> device, /close
> set_plot,'x'
> $gv idl.ps
>
> then I get a circle that is larger and offset from the border produced
> by map_horizon.
>
> { ppc darwin unix Mac OS X 6.0.3 Feb 26 2004     32     32}
>
> Anyone know what is going on?
```

You are not sizing your image. Try this:

```
;**************************************************
thisDevice = !D.Name
set_plot,'ps'
device, /color, bits=8
map_set,0,0,/iso,/ortho
tv, map_image(bindgen(16,16),/compress,/bil,xx,yy,xs,ys),$
 xx,yy, XSIZE=xs, YSIZE=ys
map_horizon

device, /close
```

```
set_plot, thisDevice
;*************************************************
```

Cheers,

David

--
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")