Subject: PPM image from IDLgrBuffer: top-bottom order Posted by Sean Dettrick on Wed, 24 Apr 2002 21:34:34 GMT

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Hi,

I'm trying to draw my view object to a PPM image file, so that I can then do FLIC animation via ppm2fli.

In direct graphics it's easy to do this with:

wset,window_number
image = tvrd(true=1,/order)
write_ppm,'name.ppm',image

where top-bottom order is reversed to give an upside-up PPM image.

In object graphics, I am stumped again. I've tried two methods, but both times get an upside-down PPM, and can't see a way to use /ORDER to fix the problem:

1) make image object from Buffer object:

; starting with this line obviously didn't help:

; image_obj=Obj_New('IDLgrImage',/order)

buffer=Obj_New('IDLgrBuffer',graphics_tree=thisView,\$ dimensi=[400,400])

buffer-> Draw

image obj = buffer -> Read()

image_obj -> SetProperty, /order ;; <- doesn't help!</pre>

image_obj -> GetProperty, data=image_dat

write_ppm,'name.ppm',image_dat

2) take image data direct from buffer object:

buffer=Obj_New('IDLgrBuffer',graphics_tree=thisView,\$ dimensi=[400,400])

buffer -> Draw

buffer -> GetProperty, image_data=image_dat

write_ppm,'name.ppm',image_dat

By the way, there doesn't seem to be an option in ppm2fli to automatically flip the input images.

Any advice greatly appreciated!

Thanks, Sean Dettrick Page 2 of 2 ---- Generated from comp.lang.idl-pvwave archive