
Subject: TV and T3D?

Posted by [rettmannd](#) on Fri, 16 Nov 2001 01:17:14 GMT

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Hi Everyone!

This group has been very helpful when I've gotten stuck in the past but I really haven't seen anything on this.

I was trying to figure out how to make the T3D keyword work for TV. The IDL help seems to suggest that I should be able to use it in a similar manner to using it with PLOT (which I can get to work). Does anyone know why the following code snippet won't work for the TV command? What am I forgetting?

Thanks!

Dan Rettmann

PRO testt3drot

```
xs = 256
ys = 256
im = INDGEN(xs,ys) MOD xs
olddev = !d.name
FOR i=0, 360, 10 DO BEGIN
    SET_PLOT, 'Z'
    ERASE

    T3D, /RESET
    T3D, TRANS=[-.5,-.5,0]
    T3D, ROT=[0,0,i]
    T3D, TRANS=[.5,.5,0]

    ;; Doesn't work...
    TV, im, /T3D
    ;; But this does work...
    ;PLOT, INDGEN(100), /T3D

    ;; read off z-buffer
    b = TVRD()
    SET_PLOT, olddev

    ;; display rotated image
    TV, b
    print, 'Displayed Rotation by:', i
END
```

END
