
Subject: Re: TVRDC
Posted by [stl](#) on Thu, 27 Jan 1994 10:48:16 GMT
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In article <1994Jan26.234406.61200@yuma> dean%phobos.dnet@sirius.cira.colostate.edu writes:

>
> I am using TVRDC, X, Y, /DEVICE to dump pixel information from the
> graphic window. How would I use TVRDC to dump lat/long information
> instead of device coordinates?
>
> Kelly

Not really familiar with tvrdc, but it should be as simple as using the keyword /DATA instead of /DEVICE. If this doesn't work, do what you are doing and feed the info into convert_coord().

hope this helps

-stephen Strebel

SMA Zuerich

Subject: Re: TVRDC
Posted by [sterner](#) on Thu, 27 Jan 1994 13:46:40 GMT
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dean@phobos.cira.colostate.edu writes:

> I am using TVRDC, X, Y, /DEVICE to dump pixel information from the
> graphic window. How would I use TVRDC to dump lat/long information
> instead of device coordinates?

TVRDC is not documented (not for recent versions anyway). I suspect it is probably now out of fashion and perhaps should not be used. Use the CURSOR routine instead. Here is an example that displays map coordinates:

```
map_set,/cont,/grid & !mouse.button=0  
while !mouse.button eq 0 do begin &$  
  cursor,x,y,/data,/change & print,x,y & endwhile
```

The mouse button flag must be cleared or the while loop will exit immediately the second time around. !err could be used instead of !mouse.button but its not very descriptive in a routine and probably should be avoided.

In the above example x is the longitude of the cursor and y is the latitude. Longitude is negative in the western hemisphere.

Ray Sterner sterner@tesla.jhuapl.edu
Johns Hopkins University North latitude 39.16 degrees.
Applied Physics Laboratory West longitude 76.90 degrees.
Laurel, MD 20723-6099
