
Subject: cursor,xi,yi/device

Posted by [d.poreh](#) on Thu, 25 Oct 2007 05:36:01 GMT

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Hi folks;

I want to understand how we can impose *cursor,xi,yi/device* to show us lat-long instead of row-col in an projected image ?and how we can find the UL(upper left) and LW of an image programmatically.

Any help will be appreciated.

Cheers

Dav

Subject: Re: cursor,xi,yi/device

Posted by [David Fanning](#) on Fri, 26 Oct 2007 18:51:16 GMT

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Dav writes:

- > I want to understand how we can impose *cursor,xi,yi/device* to show
- > us lat-long instead of row-col in an projected image ?and how we can
- > find the UL(upper left) and LW of an image programmatically.
- > Any help will be appreciated.

First of all, that DEVICE keyword in your CURSOR command will prevent you from *ever* getting the results you want. So I would ditch that first.

What you want to do is set up a data coordinate system for your image so that you can ask for the cursor location in this *data* coordinate system, which will be, naturally, in latitude/longitude.

You will display your image in a window, then you will have to set up the proper map projection space for that image in the window. Here is an article in which I describe one way this can be done.

http://www.dfanning.com/map_tips/precipmap.html

Once you have issued the MAP_SET command, any cursor command in that window will return latitude and longitude.

Cheers,

David
