
Subject: Re: Map_set limits

Posted by [davidf](#) on Mon, 01 Dec 1997 08:00:00 GMT

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Hi Folks,

I have to admit that I am confused about recent postings

having to fiddle with the Position parameters to get a Map_Set command to fit the proper Limits around an image.

an image and part of his code, which he graciously did. I've been fooling around with it a little in my "spare" time. (Please don't tell my wife I am doing this. I am in hot water already.) In truth, I can't reproduce the problem. But, on the other hand, I am not absolutely certain that I can recognize the problem either.

If I position an image in the window in such a way that it takes up, say, 80% of the window space and then try to position a map projection on it like this:

```
Map_Set, /Sin, Limits=theLimits, Position=[0.1,0.1,0.9,0.9]
```

then in IDL 5 it seems to do this **exactly**. That is to say, the Map_Set axes are coincident with the edges of the image. If I now lay a grid on the image, then the grid **appears** to go exactly where I want it.

What I am unsure about is if the grid is going **exactly** where it is suppose to go. How would I know? You folks presumable have some kind of ground point or something that you know the exact latitude and longitude coordinate of. If I do the same thing with a data set I am more familiar with (say, the worldelv.dat data set in IDL), then it still appears to do the right thing.

In any case, I am all ears. :-)

Cheers,

David

P.S. With respect to Martin's problems with images and PostScript, I find I always use TVImage (available on my web page) for positioning images in windows. You can use the Position keyword with it like you do for a contour

or line plot. The advantage of this is that the routine is
Device independent. It works the same way in PostScript
as it does on the display.

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