
Subject: Re: new graphics map coords

Posted by [Paul\[3\]](#) on Tue, 01 Feb 2011 21:53:26 GMT

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On Jan 31, 12:57 pm, Chris Torrence <gorth...@gmail.com> wrote:

> On Jan 28, 5:10 pm, Paul <paulsta...@gmail.com> wrote:

>

>> I wish to contour some global data in a Robinson projection, and then
>> put a zonal mean plot of the same data to the right of the Robinson
>> projection. However, the Robinson projection distorts latitudinally,
>> so the zonal mean curves aren't quite lined up with the corresponding
>> features on the Robinson projection.

>> Is there a way to have my zonal mean plot for each projection have the
>> same vertical coordinates as the Robinson projection so that the two
>> are directly comparable side-by-side? (I've tried using the
>> CONVERTCOORD method...)

>

> Hi Paul,

> In IDL 8.1 you will be able to plot onto a map projection using the
> Plot() function, and it will warp the plot data to that projection.

> For right now, you might try added a new map projection next to your
> existing map, and then using the Polyline() function to plot the
> actual points. However, I'm not sure how you would add the Axis...

> -Chris

> ITTVIS

Thanks, Chris. You folks there at ITT are great.

Clever workaround with the polyline. I'll see if I can do that w/o
warping it horizontally.
