
Subject: Re: new graphics map coords

Posted by chris_torrence@NOSPAM on Mon, 31 Jan 2011 19:57:59 GMT

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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

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