Subject: overlaying arrow plots Posted by rkombiyil on Wed, 01 Nov 2006 13:24:00 GMT View Forum Message <> Reply to Message

Dear All,

I started using IDL more only recently. So please be kind :-) I have made arrow plots from a 1D timeseries using one_arrow, which in turn calls one_ray. I want to be able to overlay these vector plots on maps and regular x-y plots of the timeseries/other derived quantities.

I make the call to one_arrow after I plot the timeseries. The postscript file I generated had only the timeseries plot and the arrows were not plotted. However, I could overlay the 1D vector plot in the plot window. Is this a problem with different coordinates(device/data?)

The call to one_arrow has the following arguments - xcen,ycen,angle,label,charsize where xcen, ycen = starting point of arrow in device coordinates, floating point scalars.

I used convert_coord to convert the time indices (1sec data-1,2,3,4,....etc.) to device coordinates and kept the second coordinate, a constant. How can I overlay the arrowplots created from the 1D timeseries on the same 'postscript' plot with the time series and on a map projection? And is there a better way to tackle such problems?

I don't know if it's been discussed before. I tried to read old posts, but were mostly about velovect.

Any suggestions/help much appreciated.

tia, ∼rk