
Subject: overlaying arrow plots

Posted by [rkombiyil](#) on Wed, 01 Nov 2006 13:24:00 GMT

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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
