Subject: Re: Plotting vectors
Posted by Michael Galloy on Fri, 06 Oct 2006 03:14:07 GMT
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maki wrote:
> Hi all,
> I have a set of geographic locations at which I would like to plot
> velocity vectors. I looked at previous messages on that topic but did
> not find an easy way to do it. VELOVECT seems to plot a 2D-velocity
> field but my data are not gridded (nor randomly distributed). I also
> looked at the ARROW procedure but it looks not easy, as we need to
> specify the cordinates of the tail and arrowhead of each vector (I have
> the Xi,Yi coordinates of each arrow tail, and the corresponding Ui and
> Vi components, in a different unit than the map).
> Thanks for your help !
>

If you're up for trying the iTools, check out iVector:

   http://idlastro.gsfc.nasa.gov/idl_html_help/IVECTOR.html

In particular, Example 1 which combines iMap and iVector:

   http://idlastro.gsfc.nasa.gov/idl_html_help/IVECTOR.html#wp1 029045

Mike
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