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Subject: Re: Plotting vectors

Posted by [Andy Heaps](#) on Thu, 05 Oct 2006 09:56:56 GMT

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Hello Maki,

you might like to have a look in our local IDL guide as I came across this problem in the summer. There are two routines in the guide that might help you. `vector.pro` plots a regular grid of vectors and is a master calling routine to `plot_vector.pro` which plots an individual vector. It's at

[http://ncas-cms.nerc.ac.uk/index.php?option=com\\_content&task=view&id=94&Itemid=122](http://ncas-cms.nerc.ac.uk/index.php?option=com_content&task=view&id=94&Itemid=122)

The example code and data is a link on the right hand side.

Cheers

Andy

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 coordinates of the tail and arrowhead of each vector (I have  
> the  $X_i, Y_i$  coordinates of each arrow tail, and the corresponding  $U_i$  and  
>  $V_i$  components, in a different unit than the map).  
> Thanks for your help !  
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