
Subject: Re: Vector legend with PARTVELVEC
Posted by [Fabzi](#) on Sun, 05 May 2013 11:25:17 GMT
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On 05/05/2013 12:26 AM, ljs15@fsmail.net wrote:

> Perhaps I misunderstand, but if you just want to draw a single arrow for
> a legend, I would use cgArrow.pro (or arrow.pro), rather than partvelvec.

Yes, but the length of the arrow should correspond to the length of the arrows drawn by partyvelec. Typically, you have a windfield to plot on an image, and you now the (u,v) or your wind field and their (x,y) positions in /data coordinates. for example, if your wind speed ranges from 0 to 12. m.s-1, you might want to add a legend to your plot with an arrow showing the length of a wind arrow of 10 m.s-1.

Anyways, I'll think about a version of partvelvec which provides an output structure (in /NORMAL coordinates) of the longest arrow it has plotted and use cgArrow to draw the legend. This should be fine.

Thanks!
