## Subject: Vector legend with PARTVELVEC
Posted by Fabzi on Fri, 03 May 2013 16:43:11 GMT

Hey IDLers,

Maybe I haven't been searching hard enough but I did not find a way to
use PARTVELVEC to draw only one vector as a legend vector. I guess I
could do this myself by making my own partvelvec routine, but I thought
this would be something the community might already have done.

It is not that trivial since partvelvec draws in DATA coordinates, while
the legend vector should be plotted outside the image. And the length of
the legend should correspond to that of the plot of course ;-). I think
this can only be done by modifying partvelvec so that it returns
"something" that can be used to plot a legend afterwards. Like:

cgImage, myImage
partvelvec, vx, vy, px, py, /OVER, LEGEND_struc=legend ;output
partvelvec_legend, legend, POSITION=poslegend, etc.

Anyways, if someone did this already and is willing to share I would be
very thankful. If not, I'm open to suggestions on how to do this the
right way ;)

Cheers,

Fab