
Subject: Re: VECTOR_FIELD trouble

Posted by [Jo Klein](#) on Wed, 23 Aug 2006 14:26:24 GMT

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Thanks for your insights. I've been able to narrow down the problem with your code, first problem was that I hadn't set up my plot window correctly (d'uh). Then I realised that PLOTS will connect all of the data points, which is not what I need. Of course, I can use a loop to draw my vectors:

```
for i=0,10000 do plots,outvert[*],2*i:2*i+1]
```

but that is quite inefficient. I was playing with IVector a bit, which does a good job at displaying my vectors, and can draw line segments when I set the head length to 0.

The direct graphics equivalent, VELOVECT, is painfully slow though, and judging from the source code, uses the same loop approach that I've tried.

I wonder if there's a more intelligent way to plot my line segments, i.e. avoiding the loop? Alternating between plotting and not plotting line segments in some way?

Thanks everyone,

Jo
