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Subject: Re: Backlogged question: Drawing vector fields with same scaling in New Graphics

Posted by [tianhuachengyue](#) on Wed, 11 Nov 2015 22:41:40 GMT

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Hi Chris,

I tried setting `v2.length_scale = const*vmag2/vmag1` and now the plots are working perfectly. Thanks for the solution!

BTW, I also tried `vmag = mean(sqrt(vx^2+vy^2))` but this didn't work correctly. Any trick behind using `vmag = max(sqrt(vx^2+vy^2))` instead using `mean(sqrt(vx^2+vy^2))`? It seemed to me the vector plot setting is related to the maximum value of vector magnitude.

Cheers,  
Huazeng

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