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Subject: Re: Contour Plot Issues

Posted by [David Fanning](#) on Fri, 13 Jul 2012 19:33:57 GMT

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ecatcom1@gmail.com writes:

> That's the big problem, though. I don't know ahead of time how my plot is going to look. I am working with someone's GUI. There's an IDL draw widget where I'm defining a region of interest, and depending on that region of interest my program computes an autocorrelation and then plots the results. So the shape of my plot will depend on the shape of the ROI, and since I'm not actually inputting numbers for this ROI but clicking and dragging in that window to create a rectangle, I don't have a way of knowing what those dimensions are before the plot (so I can't hardcode an aspect ratio ahead of time).

> I feel like there has to be some way to define the plot size using the x range and y range that will still give me even tick spacing in both axes, or some way to just make the contour plot have those even tick spacings. I just don't know what it is :(

Well, you can continue to believe this if you like. Good luck with this!

But, if you are the one creating the ROI, and you seem to have some notion of the xrange and yrange, then I'd be willing to bet some money you have enough information to set the aspect ratio of the plot correctly. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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