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Subject: Re: idlgrcontour missing contours  
Posted by [btt](#) on Tue, 03 May 2005 17:26:43 GMT  
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Jan wrote:

> Hello  
>  
> I have this idlgrcontour object that are missing quite a few of its  
> contours. I am trying to contour the contents of a 200x200 array using 60  
> contour levels, however, only the first 9 contours show up. If I ask for  
> 120 contours it will show the first 19 etc. Hence, it looks to me that it  
> is the lower values it refuses to draw.  
>  
> The max and min values of the data are -0.0222723 and -5.27345, and the  
> idlgrcontour object knows about this (I can read those values out using  
> getproperty). Idlgrcontour found those values by itself, so  
> apparently it knows about the entire array. Also, I can read out the  
> entire array and get the correct array out.  
>  
> The viewplane\_rect has the correct size. The contours are cut  
> off in the middle of the window.  
>  
> The funny thing is that the contours can be drawn nicely using direct  
> graphics, so I know the data is correct.  
>  
> Also, if I divide the entire dataarray with 10, idlgrcontour is capable of  
> drawing all the contours.  
>  
> I put the two plots here:  
> <http://www.fys.ku.dk/~staff/idl/>  
> if you want to see how it looks. They should both have been with 60  
> contours, and they should have looked the same.  
>  
> Any suggestions to what is going wrong?

Hello,

Have you tried adjusting the ZCLIP property to IDLgrView? That might be  
a good place to look.

Ben

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Subject: Re: idlgrcontour missing contours  
Posted by [David Fanning](#) on Tue, 03 May 2005 17:33:22 GMT  
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Ben Tupper writes:

> Have you tried adjusting the ZCLIP property to IDLgrView? That might be  
> a good place to look.

Or, I would try setting the PLANAR keyword, too.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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