
Subject: idlgrcontour missing contours

Posted by [Jan\[1\]](#) on Tue, 03 May 2005 17:21:41 GMT

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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?

Thanks,
Jan

PS: remove NOSPAM from my email address to get the correct one.
