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Subject: Re: CONTOUR and automatic gridding of irregularly spaced data  
Posted by [David Fanning](#) on Mon, 24 Jun 2013 13:21:30 GMT

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Karlo Janos writes:

> IDL 8.2.3 provides automatic gridding of irregularly spaced data with  
> the CONTOUR function. Great, I thought in hope to get rid of my CONTOUR  
> plots in direct graphics.  
>  
> But when I use a CONTOUR function plot combined with a 'Mollweide' MAP  
> projection and CENTER\_LONGITUDE=nonzero\_value the automatic gridding  
> yields a gap between the -180 and +180 degrees longitudes.  
> The gap exists even though I have used GRID\_UNITS='degrees' which should  
> cause the use of the SPHERE keyword as it is stated in the documentation  
> of the CONTOUR function.  
>  
> The only way to avoid this is manually invoking the gridding routines.  
>  
> Did I do something wrong?

Let's just say you are not the first to be thrown upon the shoals of  
disappointment. ;-)

Cheers,

David

P.S. What's wrong with gridding the data yourself? God knows, if you do,  
it is one less thing to go wrong.

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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