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Subject: gridding regularly-spaced data

Posted by [yas](#) on Wed, 15 Dec 2004 20:06:34 GMT

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Hello group,

I am using IDL6.0.1 for spatial data gridding. The 'GRIDDATA' function is used (with different interpolation options) to grid irregular data points (X,Y,Z). I wonder, if there is any way I can regrid regularly-space (R-S) data. I need to do this to avoid/replace missing values and regrid to finer resolution, in the R-S data.

I tried an indirect way to do this - remove all missed points (lon,lat,data) and triangulate the non-coplanar data, and then interpolate (linear suited best although I wanted to use kriging method). I would appreciate if anyone could instruct me how to grid the regularly-spaced spatial data in one-step method.

regards,  
yas

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