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Subject: matching 2 grids

Posted by [envi35@yahoo.ca](mailto:envi35@yahoo.ca) on Wed, 08 Mar 2006 22:17:37 GMT

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Hi all,

I have 2 sets of lat/lon pairs in different grids - grid1 and grid2, both in irregular shape and I've filled some zero numbers to make them regular. grid2 is a subset of grid1. I want to find the coordinates of x1,y1 in grid1 (lat1/lon1) which are closest to each of the nonzero lat2/lon2 paris in grid2.

I made a programm with several loops, it is kind of did what I want, but it is very slow and the boundary is not tidy. my grid1 is 600\*600, and I have 10 grid2 to process.

Is there an IDL function that I could use in this case?

Thanks,  
Jenny

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