Subject: matching irregular data sets
Posted by Steve W. Nesbitt on Wed, 07 Nov 2001 23:45:55 GMT

Howdy,

This may or may not be a dumb question. I am working on matching two
irregularly-spaced remote sensing data sets, specifically doing a
nearest-neighbor or bilinear interpolation of one data set to another.
I have written a routine to do this, but it is painfully slow since the
arrays I'm matching are lat/lon grids [400,3000]. I have searched the
manual ad nauseum! for an IDL canned routine to do this, but they seem
to require that the output grids be regularly spaced. I would like the
output to be gridded to the second irregular grid, and it would be nice
if it would return the indices of the original grid in the output. Let
me know if one of you IDL gurus can help me out on this one.

Many thanks,
-Steve

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