
Subject: Re-gridding Problem

Posted by [David Fanning](#) on Tue, 29 Jan 2008 20:43:22 GMT

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Folks,

I've heard the astro guys talk about this from time to time, so I thought I would ask.

I have some output from the climate modeling folks. I need this data on a regular grid. Unfortunately, the data is *slightly* regular. Here is one of my cases (I have several all like this, but different).

The data is on a regular 1-deg grid in the longitudinal direction. It is on a regular 1 deg grid in the latitudinal direction, EXCEPT between -30 and + 30 degrees, where it is on a gradually decreasing grid to 1/3 of a degree at the equator.

I would like a grid that is everywhere sampled on a 1 degree grid. So, my idea is to superimpose a 1-deg grid over my data and resample. It is going to get messy. :-)

My question is this. Does anyone have any code to share that can oversample like this?

Cheers,

David

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Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
