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.")