Subject: Re: Another cartesian to spherical question
Posted by Maarten[1] on Mon, 22 Dec 2008 16:18:46 GMT

On Dec 22, 8:29 am, workma...@gmail.com wrote:
>
> OK, maybe simpler. If I have 3 arrays, one of lat coordinates, one of
> lon coordinates, and one with the corresponding value at that point.
> I want to pick some dlat,dlon and bin all the values in that region.
>
> Next I want to project it onto a 2-d spherical grid for use with map
> projections.

The drizzle, decimate etc. discussion [1] at David's site has details
about this problem. I've used code from that discussion in CAMA to
solve the problem you describe, see the file
regrid_swaths_to_lat_lon.pro in [2]

[1] http://www.dfanning.com/code_tips/drizzling.html
[2] http://www.knmi.nl/omi/research/validation/cama/

Best,

Maarten