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Subject: Spherical interpolation

Posted by [David Theil](#) on Wed, 02 Jul 1997 07:00:00 GMT

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I am reprojecting longitude and latitude data into a Mollweide projection using the "WCS" family of routines from the idl astronomy library. As expected this creates gaps in the reprojected data array. I thought that SPH\_SCAT would be a good way of filling in the gaps.

SPH\_SCAT calls TRIANGULATE which proceeds to crash IDL 4 with a segmentation fault(!) in UNIX.

In IDL 5 there is no crash, but I get the following undocumented error:

% TRIANGULATE: Points are co-linear, no solution

Does anyone have any ideas of some other way I can fill in the gaps or some way to make SPH\_SCAT work for me?

Thanks.

David Theil

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