Subject: Re: GRIDDATA woes
Posted by David Fanning on Tue, 04 Mar 2008 21:14:37 GMT
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Kenneth P. Bowman writes:

>> Compute the "interpolation coordinates" from the original grid

>> yj = j + (y - y_original[j])/(y_original[j+1] - y_original[j])

To tell you the truth, I can't get this to work at all. :-(

```
IDL> lat = [-87.5, 50, 25, 0, 30, 45, 64, 87.5]
IDL> y = Scale_Vector(findgen(7), -87.5, 87.5)
IDL> j = Value_Locate(lat, y)
IDL> yj = j + (y - lat[j])/(lat[j+1] - lat[j])
% Program caused arithmetic error: Floating illegal operand
IDL> print, yj
    0.000000  0.212121  0.424242  3.00000  3.97222  5.70175 -NaN
```

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")