
Subject: High resolution grid shading

Posted by [rawlins](#) on Tue, 10 Sep 1996 07:00:00 GMT

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I have a high-resolution (5-min) raster data file stored in binary format. In mapping/shading our climate fields, we have some FORTRAN code that reads in the z-values (ex- elevation), then draws and shades the 5-min x 5-min grid cells(DI3000). Actually it finds the value for first grid box, then finds the next. If the subsequent cell is the same color as the previous, the code accumulates cells until a color change is encountered, and then plots and shades that entire cell. This algorithm is repeated along either constant lines of latitude or longitude.

Does IDL have any built-in routines to do this? What are the commands or keywords that would help get this done?

Is read_srf the correct read statement. Our machine is SGI IRIX.

Thanks,

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