Subject: how to plot the data of a 2D array with Z values as color

Posted by   on Thu, 18 Mar 2010 16:33:22 GMT

Hi all,

I would like to plot a map from a twoD array.   My array contains Z
values and the X,Y index corresponds to latitude/longitude. I use the
CONTOUR procedure like this:

MAP_SET,/MERCATOR, /GRID, /NOERASE, /ISOTROPIC, LIMIT=limit
CONTOUR, Z, lon, lat

My question is : is there a simplest way to do that (I mean directly
associate a color to the Zvalue, without calculating the contours,
which can be quite long for large arrays)

Thanks for your help