Subject: Re: how to plot the data of a 2D array with Z values as color
Posted by   on Mon, 22 Mar 2010 12:40:19 GMT

On 18 mar, 21:03, Gray <grayliketheco...@gmail.com> wrote:
> On Mar 18, 12:33 pm, clément mayet <cma...@gmail.com> wrote:
>
>> 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
>
> I'd check this out:http://www.dfanning.com/graphics_tips/coloredline.html

Thank you for your answer, even if that's not really what I was
looking for. I've found the solution using MAP_IMAGE and TVSCL.