Subject: Re: How to represent the spatial distribution of a parameter
Posted by duxiyu@gmail.com on Wed, 10 Dec 2008 17:37:26 GMT
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Excuse me!
I do not understand your routine.
Could you show me an example? or give me some detailed explanations?

Du

On Dec 10, 9:05 pm, "Jean H." <jghas...@DELTHIS.ucalgary.ANDTHIS.ca>
wrote:
> Hi,
>
> I did something similar a while ago... here is part of it:
>
> newX = Xdata / CellSizeX ;Agregate the data
> newY = Ydata / CellSizeY
>
> nbCol = ceil((maxX+1.0) / cellSizeX)
> nbRow = ceil((maxY+1.0) / cellSizeY)
> nPoint = n_elements(newX)
>
> image = lonarr(nbCol, nbRow)
> nbPointsXY = lonarr(nbCol, nbRow)
>
> for i = 0L, nPoint-1 do begin
> image[newX[i], newY[i]] += v[i]
> nbPointsXY[newX[i], newY[i]] += 1
> endfor
>
> image /= nbPointsXY ;do the average
>
> tvscl, image
>
> Jean