Subject: Re: how to rasterize point data with IDL
Posted by jeffnettles4870 on Sun, 10 Jan 2010 06:38:05 GMT

On Jan 10, 12:17 am, "R.Laymon" <ray.laymon...@gmail.com> wrote:
> Dear all,
>
> I have a x(lat), y(long), Z(data) type of daily data for 8-years. I am
> trying to rasterize these point data to create daily spatial maps (365
> days x 8 years = ~ 3000 images). There is an in built ENVI function
> Vector/Rasterize Point data. Since I need to create ~3000 images and
> doing that manually one by one is not time-wise reasonable with ENVI,
> could anybody tell me if I may and how can I use this function in IDL?
> Thx!
>
> Ray

There are of course several ways to do this, but perhaps the easiest
for you would be to use ENVI_GRID_DOIT, which is the programmatical
equivalent of the Rasterize Point Data command you see in the GUI.
ENVI help for the command has an example to get you started. See if
that fits your needs.

Jeff

Subject: Re: how to rasterize point data with IDL
Posted by ray.laymon064 on Sun, 10 Jan 2010 19:01:24 GMT

On Jan 10, 1:38 am, "Jeff N." <jeffnettles4...@gmail.com> wrote:
> On Jan 10, 12:17 am, "R.Laymon" <ray.laymon...@gmail.com> wrote:
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> Jeff

Hi Jeff,

It worked great. That was exactly what I was looking for. Thanks a lot
for your help.

Ray

Subject: Re: how to rasterize point data with IDL
Posted by jpdavra on Sun, 10 Feb 2013 12:20:18 GMT
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On Monday, 11 January 2010 00:31:24 UTC+5:30, R.Laymon wrote:
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> Hi Jeff,
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> Ray

Hey, i'm jigar from india, working on ENVI + IDL.....ENVI_DO_IT function working properly which example given in help but my own data i cant rasterize.
in my ascii file, there id x,y and z as
x->lat
y->long means location
z->temperature data

i have upto 150 data each x y and z
in example there is given that...
    x_pts = [0, 500, 500,   0, 250]
    y_pts = [0,   0, 500, 500, 250]
    z_pts = [0, 100, 200, 300, 1000]

now i have to assign all lat, long points to x and y and assign temperature data to z_pts.... am i write?

but my problem is that ..... how to assign my x,y and z data which i have in form of
x-> image.x
y-> image.y
z-> image.z

but how i can assign thai all x,y,z into x_pts, y_pts and z_pts???? plz reply me soon

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