Subject: create an UTM grid
Posted by natha on Mon, 28 Nov 2011 14:29:21 GMT

Hi folks,

I am trying to create an UTM grid. I never did something similar and I
got the idea from the last IDL webinar...
What I want is a grid centered in a center point and I would like to
have the lat/lon values associated to every pixel. Lets say that I
want a grid of 500x500 km centered on -74lon 45lat, is there a way to
create that grid ?

What I tried until now is something like :

map_utm = MAP_PROJ_INIT('UTM', CENTER_LONGITUDE=-74
CENTER_LATITUDE=45, ELLIPSOID=24)
llrange = MAP_PROJ_INVERSE([-500000.,500000], [-500000.,500000.],
MAP_STRUCTURE=map_utm)

Maybe it's not that simple so that's why I call your wisdom to help me
with this. Thank you in advance,
nata