Subject: gaussian grid
Posted by f.ticconi28 on Tue, 11 Feb 2014 15:40:55 GMT

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Hi,

I am Francesca. New to the group and to IDL as well.
My question is:
Does anyone know if IDL support internal routing for creating a gaussian grid?

This grid is a special grid where the gridpoints along each latitude , i.e., the longitudes, are equally spaced. Thus, at every latitude, the distance between any two adjacent degrees of longitude is the same. However the gridpoints along each longitude, i.e., the latitudes, are unequally spaced and the distance between adjacent degrees of latitude will vary based on the Gaussian quadrature.

If not, does someone have any idea how to create it?

I need the coordinates of the edge of each grid cell and not the centre.

REally many thanks,

Francesca