
Subject: Re: Help on Lon and lat.

Posted by [David Fanning](#) on Fri, 01 Oct 2010 12:30:59 GMT

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Dave Poreh writes:

```
> I have some NCDF files like this:
> ncid = NCDF_OPEN(file)
> NCDF_VARGET, ncid, 0, lon
> NCDF_VARGET, ncid, 1, lat
> NCDF_VARGET, ncid, 2, z
> NCDF_CLOSE, ncid
> Lon(m) and lat(n) are 1D (m and n are size) and z is 2D [m,n]. What I
> need is to have this data in one array (with 3 column and m*n rows)
> like this:
> Data=data[lon,lat,z]
> Any kind of help?
```

Use your Dimensional Juggling tips to make the lon and lat arrays m-by-n in size. Then reform all three arrays to fit into one 3-by-m*n array.

http://www.dfanning.com/tips/rebin_magic.html

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
