
Subject: Creating netCDF file

Posted by [shambhu](#) on Fri, 20 Apr 2012 11:03:11 GMT

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Hi all,

I have a .pro which takes 5(t,q,m,h,p) input and gives 7(p, z, d, r, s, t, a) output parameters. please tell me how to make netCDF file for this. For me its working for 4 variables. When i define 5th parameter its giving error " NC_UNLIMITED dimension already in use". Please tell me, how to resolve this.

```
id = NCDF_CREATE(file_name, CLOBBER = clobber)      ;Create  
netCDF output file  
  
tid = NCDF_DIMDEF(id, 'time', t)  
qid = NCDF_DIMDEF(id, 'q', q)  
mid = NCDF_DIMDEF(id, 'Md', Md)  
hid = NCDF_DIMDEF(id, 'H', h)  
pid = NCDF_DIMDEF(id, 'hplus', hplus)  
  
vid = NCDF_VARDEF(id, 'data', [tid, qid, Mdid, hid, pid], /  
LONG)    ;Define data variable  
NCDF_CONTROL, id, /ENDEF  
NCDF_VARPUT, id, 'data', data  
NCDF_CLOSE,  
id                      ;Close  
netCDF output file
```
