
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
```
