
Subject: CMIP5 files - time

Posted by [limiq](#) on Mon, 07 Oct 2013 18:29:08 GMT

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Hi everyone,

I was wondering if you could help me with the following. I am using monthly CMIP5 files. These files are ncdf files. These files have a variable (data) changing with time and the time info embedded in the .nc files.

Im doing this:

```
filein='pr_Amon_HadGEM2-ES_piControl_r1i1p1_198412-200911.nc '  
ncid = ncdf_open(fileIn)  
ncim = ncdf_varid(ncid, 'pr')  
NCDF_VARGET, ncid, ncim, _data  
sdata=size(_data)  
nc=sdata(1) & nl=sdata(2) & nt=sdata(3)  
print, nc, nl, nt
```

I get : 192 145 300

The dimensions in the file are time, lat, lon and pr

I need to read the time from the .nc file and associate each time to the variable. Eg:

time 0 (198412) should be 192x145x0

time 1 (198501) should be 192x145x1

..

..

time 299 (200911) should be 192x145x299

I was wondering if someone could help me solving this problem.

Thanks

Lim.
