Subject: Re: Reading part of a netcdf file?
Posted by David Fanning on Tue, 24 Sep 2013 16:06:53 GMT
View Forum Message <> Reply to Message

rjp23@le.ac.uk writes:

> I have a very large (22GB) netcdf file and I was hoping there was some way to read part of it at
a time into IDL but I can't figure out how.
>
> For example, I have this variable:
>
> Var   FLOAT   = Array[144, 72, 17, 32161]
>
> The 4th dimension is time, i.e. the are 32161 timesteps.
>
> Is it possible to read only the first X in one go, then read the next X, etc meaning that less is
stored in memory at once?

You might find the tools I have developed to browse, read, and write
netCDF files helpful:

  http://www.idlcoyote.com/fileio_tips/ncdf_browser.html

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")