
Subject: Re: Reading part of a netcdf file?
Posted by [rjp23](#) on Tue, 24 Sep 2013 16:11:39 GMT
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On Tuesday, September 24, 2013 5:06:53 PM UTC+1, David Fanning wrote:

> 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:

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>

>> Var FLOAT = Array[144, 72, 17, 32161]

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>> The 4th dimension is time, i.e. there are 32161 timesteps.

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>> 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?

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>

> You might find the tools I have developed to browse, read, and write

>

> netCDF files helpful:

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>

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

>

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>

> Cheers,

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>

>

> David

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> --

>
> 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.")

Hi David,

Do you mean in reference to copying part of the file into another file or for just reading part of the file?

It looks like both might be possible once I get my head around your code...?

Cheers

Rob
