
Subject: Re: NetCDF tools

Posted by [Michael Galloy](#) on Thu, 31 Mar 2011 21:17:48 GMT

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On 3/31/11 12:48 PM, Kenneth P. Bowman wrote:

> I have never had much use for a completely general-purpose
> routine that reads an entire file, because, among other things,
> the files are often larger than system memory. Adding the
> capability to read just parts of a file will make the program
> much more complex. At that point I find it easier to just
> write the code to get what I want.

I have a program that you can read just parts of a netCDF file, since that is usually what I have to do. This works like:

```
IDL> im = tx_nc_getdata(sample_filename, '/image')
```

or even,

```
IDL> plot, tx_nc_getdata(sample_filename, '/image[*, 256]')
```

You can read attributes too:

```
title = tx_nc_getdata(sample_filename, '/image.TITLE')
```

I have a TX_NC_DUMP routine that prints a listing of the contents of a file and a TX_NC_BROWSER that is like H5_BROWSER.

Mike

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