
Subject: Re: New netCDF Browser
Posted by [R.Bauer](#) on Thu, 21 Feb 2008 19:16:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi David,

nice to see a new netCDF tool ;)

just an info

netCDF 4.0 will be compatible to hdf (and I hope it doesn't take as long as to get the change from 2.4 to 3.x in idl.)

cheers
Reimar

David Fanning schrieb:

> Folks,
>
> I have been working with netCDF files recently, and I have been
> bothered by the lack of a decent way to browse the contents of
> these files. I've found decent software to read the variables
> out of these files, but you have to know the names of the
> variables you want to read, and I often don't. I've tried
> using the HDF_BROWSER, but that interface is god-awful
> ugly, not to mention non-intuitive, and I don't like it.
>
> So I wrote my own netCDF Browser. All you do is pass it
> the name of the file and it can parse all the data and
> metadata in the file and it will give you a graphical
> view of it. Select a variable you want to read, and the
> browser will read the variable and put it into a variable
> at the main IDL level for you.
>
> Most of the functionality is built into a NCDF_DATA
> object. This gives the user great flexibility and functionality
> to work with netCDF files. But I think most users will
> use the NCDF_BROWSER front end. This is just an IDL procedure
> that takes the name of a netCDF file. It does everything else,
> including cleanup up after itself.
>
> I have some ideas for cosmetic updates, but before I implement
> them, I thought I would try to get some feedback to see if the
> browser works with everyone's netCDF files. They have worked
> with all I've tried, but I haven't subjected them to newbie

> programming pressure yet. :-)
>
> If you are interested, you can find all the Coyote programs
> you need here:
>
> http://www.dfanning.com/programs/ncdf_browser.zip
>
> To run the basic program, just pass the filename of a netCDF
> file to the program, like this:
>
> IDL> nCDF_BROWSER, file
>
> Always interested in your feedback.
>
> Cheers,
>
> David
