Subject: Re: New Tools for Creating, Browsing, and Reading netCDF Files
Posted by Paul Van Delst[1] on Thu, 18 Feb 2010 20:12:09 GMT
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Great!

Do you have any plans to make a subversion repository of your code base available? I have
committed your libraries into our code repository here, but it would be much nicer (and,
truth be told, easier :o) if I could just hook our repo into yours via an externals
definition.

See
   http://svnbook.red-bean.com/en/1.4/svn.advanced.externals.ht ml
for more details of what I mean. I point to the v1.4 subversion docs since that's what we
have to use here. :o(

Anyway....

cheers,

paulv

David Fanning wrote:
> Folks,
>
> I have a general need to be able to create, browse, and write
> netCDF files in an extremely flexible way. In particular, I
> want to be able to copy variables and attributes from one
> file to another without thinking too much about it.
>
> To this end, I have borrowed heavily (well, I stole most of
> the good ideas, really) from Mark Hadfield's Motley Library
> and its wonderful netCDF routines.
>
>   http://www.dfanning.com/hadfield/IDL/README.html
>
> When I started this project, I thought Mark's routines could
> use more documentation and error handling. When I finished,
> I realized I hadn't added much value to what Mark had already
> provided. But, of course, hindsight is 20-20. I have learned
> a lot about netCDF files in the past month or so, and certainly
> enough to know I am probably going to be surprised in the future
> by how little I know.
>
> In any case, the new programs I have written have provided
> me with some new tools for working with netCDF files and I

> thought they might be of interest to a wider audience.
>
>   http://www.dfanning.com/progrms/ncdf_tools.zip
>
> Because most of these tools are written as objects, and because
> that scares the bejesus out of many IDL users, I have provided
> an example file, NCDF_File_Examples, that shows you exactly
> how to create a netCDF file, copy some of the contents to
> another netCDF file, and then read the netCDF file to do
> something useful in IDL.
>
>   http://www.dfanning.com/programs/ncdf_file_examples.pro
>
> I have been particularly careful to document these
> routines so they can be used by a wider audience.
>
> In addition to Mark, I have been greatly enlightened in my
> netCDF studies by IDL newsgroup regulars Paul van Delst and
> Ken Bowman. I am exceedingly grateful to them and to all of
> you who pester me with questions and suggestions for
> improvement. Even though I already have a wife, I appreciate
> you, too. :-)
>
> Cheers,
>
> David
>