Subject: Re: writing fixed-length string arrays to netcdf-4
Posted by David Fanning on Tue, 05 Nov 2013 18:50:42 GMT
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Chris O'Dell writes:

> Thanks David! However, your program seems to require your special NetCDF libraries, which I downloaded and installed so I could run your test program. However, it still produces the same fundamental netCDF objects inside the actual netcdf file. The reason they come out as string arrays when you read them seems to be because of logic you have built into your netCDF reader. Something like, "When you encounter a field that is a n-dimensional array of characters (length 1 strings), interpret this as an array of strings, where the string length is the size of the first dimension". Something like that.

Well, I think I wrote this code in 2007, which is the last time I worked
extensively with netCDF files. I wrote the code because I couldn't make
any sense at all of the IDL documentation and I thought I could write
something that worked better. As far as I can tell, the documentation
hasn't improved. And, generally speaking, I've found that my code always
works, so I've just continued using it. If I built logic into it, it
must have been because the code was missing it in the original. ;-)

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")