
Subject: Re: Deleting a variable from a NetCDF file
Posted by [Paul Van Delst\[1\]](#) on Tue, 25 Jul 2006 14:35:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

Mark Hadfield wrote:

> alexzcervantes@gmail.com wrote:
>
>> How about overwriting a variable in a NetCDF file?
>>
>> My problem is that I have to overwrite a variable in a NetCDF file. I
>> was thinking of deleting the variable, and then writing my new
>> variable.
>>
>> Is there a flag that will allow me to just overwrite the variable?
>
>
> Will the new variable have the same data type and dimensions as the
> original? Then just rename it (NCDF_VARRENAME) and then overwrite the
> data (NCDF_VARPUT).

Also, do you want to overwrite the variable+data, or just the data associated with the variable? If the former, then Mark's suggestions will do the trick. If the latter, then all you need to do is replace the data (using the varput routine).

paulv

> Otherwise you have to make a new file, copy over all the stuff you want
> to keep, add the new stuff. The netCDF operators (NCO) are good for this
> sort of thing:
>
> <http://nco.sourceforge.net/>
>

--
Paul van Delst Ride lots.
CIMSS @ NOAA/NCEP/EMC Eddy Merckx
Ph: (301)763-8000 x7748
Fax:(301)763-8545
