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Subject: Re: IDL to write GrADS netCDF (SDF)  
Posted by [msienkiewicz](#) on Thu, 15 Sep 2011 15:15:42 GMT  
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On Sep 15, 4:51 am, Rich Bantges <[rbant...@gmail.com](mailto:rbant...@gmail.com)> wrote:

> On Sep 14, 8:47 pm, Brian Wolven <[brian.wol...@gmail.com](mailto:brian.wol...@gmail.com)> wrote:

>

>> I'd suggest looking at the example in the IDL documentation for NCDF\_VARPUT, leaving out some of the "extra" stuff in the middle where they rename a dimension, etc. That example has all of the basic commands.

>

> Hi Brian,

>

> Thanks, but when I follow that example (without the dimension etc.)

> GrADS reports:

> ga-> sdfopen test\_grads\_file.nc

> Scanning self-describing file: test\_grads\_file.nc

> gadsdf: SDF file has no discernable X coordinate.

>

> If you could paste an example that does work, that would be great.

>

> Rich

Rich, it sounds like the netCDF files that you are creating are not COARDS compliant. Maybe you could try using 'xdfopen' in GrADS (<http://www.iges.org/grads/gadoc/gradcomdxdfopen.html>) and use a data descriptor file to help GrADS interpret your file.

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