
Subject: Re: netCDF

Posted by [ryba](#) on Fri, 19 Feb 1993 20:54:58 GMT

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In article <1m37u0\$b3a@agate.berkeley.edu>, ryan@physics19.phys (Ryan McLean) writes:

|> I get bus errors and seg. faults when I try to do a ncdf_varget with
|> a range specified. Usually IDL is much more gracefull about such things.
|> I may track it down and post a summary later.
|>
|> Ryan

Ryan,

I assume you are using IDL 3.0. I had a similar problem using ncdf_varget with the COUNT and OFFSET keywords. What I found is:

```
ncdf_varget,cdfid,varid,var,count=count,offset=start
```

will fail, despite the fact that both count and start are properly formed long arrays. However, try:

```
ncdf_varget,cdfid,varid,var,count=[count],offset=[start]
```

That may work. I've done things with the bracket notation with explicit numbers, numbers mixed with variables, and numbers mixed with arrays all with good results. I think it has to do with IDL's parameter passing mechanism-arrays are passed by reference, whereas the bracketed arrays might be passed by value or some other means that sends them correctly. Maybe the RSI people can comment further on this bug/feature. This problem was **not** present with earlier versions of ncdf_varget (beta release under 2.4) that used COUNT and MINDEX.

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