
Subject: Re: Very tricky NetCDF "bug"

Posted by [David Fanning](#) on Fri, 14 Dec 2012 23:27:37 GMT

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Fab writes:

```
> Results:
>
> IDL> .FULL_RESET_SESSION
> IDL> print, !VERSION
> { x86_64 linux unix linux 8.2.1 Aug 20 2012    64    64}
> IDL> test_ncdf_strides
> % Compiled module: TEST_NCDF_STRIDES.
> % Loaded DLM: NCDF.
> Get var1      :    0.97150087
> Get var2 (STRIDE):    1.1921642
> Get var1 (STRIDE):    1.1618340
> Get var2      :    0.93627405
> IDL> test_ncdf_strides, /NETCDF4_FORMAT
> Get var1      :    0.54904699
> Get var2 (STRIDE):    4.4865382
> Get var1 (STRIDE):    4.4508131
> Get var2      :    0.53942299
> IDL> test_ncdf_strides, /NETCDF4_FORMAT
> Get var1      :    0.54891205
> Get var2 (STRIDE):    4.4209800
> Get var1 (STRIDE):    4.3824911
> Get var2      :    0.53269601
> IDL> test_ncdf_strides
> Get var1      :    0.96190310
> Get var2 (STRIDE):    1.1909840
> Get var1 (STRIDE):    1.1693609
> Get var2      :    0.93884301
```

Here are my results. Windows 7 64-bit OS, IDL 8.2.1.

```
IDL> test_ncdf_strides
Get var1      :    0.51500010
Get var2 (STRIDE):    0.56100011
Get var1 (STRIDE):    0.57699990
Get var2      :    0.46799994
IDL> test_ncdf_strides, /Netcdf4_format
Get var1      :    0.21900010
Get var2 (STRIDE):    3.0420001
Get var1 (STRIDE):    3.0260000
Get var2      :    0.21799994
IDL>
IDL> test_ncdf_strides, /Netcdf4_format
```

```
Get var1      :    0.20300007
Get var2 (STRIDE):    3.0419998
Get var1 (STRIDE):    3.0419998
Get var2      :    0.21800017
IDL> test_ncdf_strides
Get var1      :    0.46799994
Get var2 (STRIDE):    0.56100011
Get var1 (STRIDE):    0.56099987
Get var2      :    0.46799994
```

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
