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Subject: Re: netcdf + idl: posixio.c:265: px\_pgin: Assertion ...  
Posted by [R.Bauer](#) on Thu, 14 Apr 2011 08:26:12 GMT  
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Am 13.04.2011 15:34, schrieb Kenneth P. Bowman:  
> In article <io451n\$ujh\$1@zam602.zam.kfa-juelich.de>,  
> Reimar Bauer <R.Bauer@fz-juelich.de> wrote:  
>  
>> Hi  
>>  
>> we found a terrible netCDF problem which makes it hard to use a given  
>> network storage for reading many many files.  
>>  
>> It is the same problem for reading as discussed in that thread  
>> [https://www.unidata.ucar.edu/mailling\\_lists/archives/netcdfgroup/2011/msg00108.html](https://www.unidata.ucar.edu/mailling_lists/archives/netcdfgroup/2011/msg00108.html)  
>>  
>> The workaround is to introduce a caching routine for copying the file  
>> to a local storage with IO Block: 4096 size.  
>>  
>> We have some users which got a bit crazy because of random  
>>  
>> idl: posixio.c:265: px\_pgin: Assertion `\*posp == ((off\_t)(-1)) || \*posp  
>> == lseek(nciop->fd, 0, 1)' failed.  
>> Aborted  
>>  
>> while accessing a few hundred files.  
>>  
>> cheers  
>> Reimar  
>  
> Is this a netCDF library problem or an IDL problem? Have you  
> reported it to UNIDATA and/or ITTVIS?

I have reported it to unidata by a mail to the mailinglist, see the thread I posted. I guess it is a unidata netCDF problem and after it is fixed we need a newer version in IDL.

Reimar

>  
> Ken

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