
Subject: Re: The good way to use cdfid's
Posted by [Fabzou](#) on Mon, 06 Jun 2011 14:13:24 GMT
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Well, I just made the simplest test ever on my linux computer:

```
PRO bug_ncdf
  file = '/home/fab/disk/Data/TRMM/TRMM_3B42_Rashmi/3B42.081001.18.6A .nc'
  FOR j=0L, 33000 DO BEGIN
    cdfid = NCDF_OPEN(file)
    inq = NCDF_INQUIRE(cdfid)
    NCDF_CLOSE, cdfid
  ENDFOR
END
```

```
% Compiled module: BUG_NCDF.
IDL> BUG_NCDF
% Loaded DLM: NCDF.
% NCDF_INQUIRE: -2147483648 is not a valid cdfid.
% Execution halted at: BUG_NCDF      5
/home/fab/disk/IDLWorkspace/ze_Dev/bug_ncdf.pro
%          $MAIN$
IDL> print, j
      32767
IDL> print, !version
{ x86_64 linux unix linux 7.1.1 Aug 21 2009    64    64}
```

I cannot open more than 32766 files on my computer.

I'll make the test on Windows when I can...

Fabien

On 06/06/2011 03:44 PM, David Fanning wrote:

```
> Fabzou writes:
>
>> I am sorry, I made a mistake in my previous mail. The computer on which
>> the error is happening is:
>>
>> { x86_64 Win32 Windows Microsoft Windows 7.1.2 Oct 28 2009    64    64}
>
> Well, here is the code I used. No problem running the program
> on my identical Windows machine:
>
> file = "C:\IDL\data\netCDF\VECTORS.20070321_041224.nc"
> FOR j=0L, 16500 DO BEGIN
>   o = Obj_New('NCDF_FILE', file)
```

```
> obj_destroy, o
> print, j
> ENDFOR
> END
>
>
> IDL> print, !version
> { x86_64 Win32 Windows Microsoft Windows 7.1.2 Oct 28 2009 64 64}
>
>
> Cheers,
>
> David
```
