
Subject: Re: The good way to use cdfid's
Posted by [Fabzou](#) on Tue, 07 Jun 2011 10:22:05 GMT
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Hi,

I made a standard test program and made it run on the computer from a colleague:

PRO bug_ncdf

```
Catch, theError
IF theError NE 0 THEN BEGIN
  Catch, /Cancel
  if N_ELEMENTS(j) eq 0 then j = 0
  print, !Error_State.Msg
  print, 'Error occurred at j = ', j
  print, !VERSION
  RETURN
ENDIF
```

```
file = '/../3B42.081001.18.6A.nc' ; put your own file here
FOR j=0L, 33000 DO BEGIN
  cdfid = NCDF_OPEN(file)
  inq = NCDF_INQUIRE(cdfid)
  NCDF_CLOSE, cdfid
ENDFOR
```

END

The program throws an error:

```
IDL> bug_ncdf
% Loaded DLM: NCDF.
NCDF_INQUIRE: -2147483648 is not a valid cdfid.
Error occurred at j =      32767
{ x86_64 Win32 Windows Microsoft Windows 7.1.2 Oct 28 2009    64    64}
IDL> bug_ncdf
NCDF_INQUIRE: -2147418112 is not a valid cdfid.
Error occurred at j =        0
{ x86_64 Win32 Windows Microsoft Windows 7.1.2 Oct 28 2009    64    64}
```

IDL cannot open any further NCDF files afterwards. RESET_SESSION won't change anything, just restart the workbench will do it...

How is this possible ??? Could it be related to the fact that we also have ENVI installed on our computers? Is it related to the internal Ncdf libraries ???
