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Subject: Re: NCDF\_IS\_NCDF

Posted by [Michael Galloy](#) on Fri, 22 Jan 2016 05:23:32 GMT

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On 1/21/16 8:26 PM, Michael Galloy wrote:

> On 1/21/16 1:21 PM, KH wrote:

>> Hello,

>>

>> Is there a netcdf equivalent to HDF\_ISHDF? I am basically looking

>> for a way to test if a file is a netcdf file before trying to open

>> the file (and the having the program crash because it isn't actually

>> a netcdf file).

>

> Yes, I would normally recommend just trying to open the file and

> catching the error if it fails, but, as you noted, it actually crashes IDL:

>

> IDL> id = ncd\_f\_open(filename)

> Assertion failed: (0), function NC4\_open, file nc4file.c, line 2696.

> Abort trap: 6

>

> Are your files netCDF 4 files? You can use H5F\_IS\_HDF5 if you don't want

> pre-4 netCDF files:

>

> IDL> help, h5f\_is\_hdf5(file\_which('ncgroup.nc'))

> <Expression> LONG = 1

> IDL> help, h5f\_is\_hdf5(file\_which('sample.nc'))

> <Expression> LONG = 0

>

>

> Mike

I have a C routine that can tell in general. I can clean that up tomorrow.

Mike

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Michael Galloy

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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