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 = ncdf_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
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Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)