Subject: Re: netCDF 3.6.0.
Posted by K. Bowman on Wed, 07 Dec 2005 21:41:48 GMT

In article <1133986409.672216.119350@z14g2000cwz.googlegroups.com>,
 carlos.badenes@gmail.com wrote:

> Hi,
>
> I am having problems opening netCDF files with the NETCDF suite of
> routines included in IDL 6.2:
>
> IDL> id = ncdf_open('~/Desktop/sresa1b_ncar_ccsm3_0_run1_200001.nc')
> % NCDF_OPEN: Unable to open the file
> "~/Desktop/sresa1b_ncar_ccsm3_0_run1_20000
>   1.nc". (NC_ERROR=-31)
> % Execution halted at: $MAIN$
>
> This is an example file downloaded from the netCDF web site, so I'm
> pretty sure that the file is OK. Yet, IDL does not seem to recognize it
> as a netCDF file.
>
> Can anyone confirm whether the netCDF routines in IDL are compatible
> with netCDF 3.6.0? If the answer is no, does anybody know how to make a
> 3.6.0 file '3.5.1. compatible'? I'd rather avoid downgrading the netCDF
> installation.
>
> Thanks!
>
> Carles

This generally means that it is not finding the file. Try dragging the file
into a terminal window. That will cause the full path to the file to appear in
the terminal window.

For other OS X users, I keep this little AppleScript on my desktop as a compiled
script named ncdump.

```
on open (list_of_aliases)
  tell application "Terminal"
    activate
    set macfile to (first item of list_of_aliases) as string (* extract first
alias *)
    set unixfile to POSIX path of macfile (* convert to Unix path *)

      "/usr/local/bin/ncdump " & unixfile & " | less" (* run ncdump command *)
  end tell
```

end open

Dragging a netCDF file onto automatically opens a new terminal window and does an ncdump.

Ken Bowman