
Subject: Re: NetCDF tools

Posted by [David Fanning](#) on Thu, 31 Mar 2011 18:59:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

Ed Hyer writes:

> I'm migrating some ugly FORTRAN binary blobs used by some applications
> into shiny new NetCDF files, and I realize I've never worked with
> NetCDF in IDL before.
> My first stop, as usual, was at Coyote, and it looks like the Coyote
> NetCDF object can be used to build whatever edifice I need.
>
> But before I get to building, I wanted to inquire of the assembled: is
> there a NetCDF equivalent to Liam Gumley's fantastic SDS_READ program
> for HDF files?
> If the answer is no, I may just be tempted to port that program to
> NetCDF, because I have become so used to it.
>
> What would be absolutely fantastic is a file that vacuums up all the
> attributes and data in a NetCDF file and returns a structure with
> everything, but I don't think that could be done without lots of
> EXECUTE(), which makes the baby Cthulhu cry.

Well, there are no EXECUTEs, but that's more or less what
the `ncdf_data` object does. It is usually accessed via the
`NCDF_BROWSER`. The "Read Entire File" button is the one you
want. It just calls the `Read_File` method and returns a
structure with all the file information in it. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Seppure ma de ni thui. ("Perhaps thou speakest truth.")
