Subject: Do netCDF Files Have a DataType of INT?
Posted by David Fanning on Mon, 03 Jun 2013 02:36:19 GMT

Folks,

I've run into a problem with a netCDF file and I need a sanity check.

I define a variable attribute "colortable" with an integer value, say
33. As far as I know netCDF files don't have a datatype named "INT", so
I use the datatype "SHORT" when I create the attribute:

    NCDF_ATTPUT, fileID, self.ID, 'colortable', 33, /SHORT

Now, I want to read this attribute out of the file and copy it to
another file. To learn something about this attribute I use the IDL
routine NCDF_ATTINQ:

    attrInfo = NCDF_AttInq(fileID, GLOBAL=1, 'colortable')

But, the datatype field of this attribute structure is inexplicably set
to INT:

    IDL> Print, attrInfo.datatype
        INT

Does that make *any* sense to anyone?

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")