Subject: Re: Do netCDF Files Have a DataType of INT?
Posted by David Fanning on Mon, 03 Jun 2013 12:03:36 GMT

David Fanning writes:

> 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?

Oh, never mind. After sleeping on this, I think this is a user error on
my part. :-(

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.")