Subject: Re: NCDF_ATTCOPY and typecasting
Posted by alexzcervantes@gmail. on Mon, 21 Aug 2006 17:11:31 GMT
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Okay, after doing more researching, I read that ncdump translates byte
data into readable string whenever it can. How come it won't do it in
my case?

I keep getting:

solar_irradiance:long_name = 115b, 111b, 108b, 97b, 114b, 32b, 105b,
114b, 114b, 97b, 100b, 105b, 97b, 110b, 99b, 101b ;

-Alex
David Fanning wrote:
> alexzcervantes@gmail.com writes:
>
>> Here is a chunk of my code:
>>
>> if(natts gt 0) then begin
>>   FOR index = 0L, natts - 1L DO BEGIN
>>   ;----Load the attribute name in attribute name array
>>   maf_attname = ncdf_attname(mafncid, mafvarid, index)
>>   ncdf_attget, mafncid, mafvarid, maf_attname, attval
>>   ncdf_attput, cdfid, l2pvarid, maf_attname, attval, /byte
>>   ENDFOR
>> endif
>>
>> Everything seems to work except when I have to copy over strings. When
>> I typecast a string to byte, I get output like this:
>>
>> solar_irradiance:_FillValue = -1b ;
>> solar_irradiance:scale_factor = 1b ;
>> solar_irradiance:add_offset = 0b ;
>> solar_irradiance:valid_min = 0b ;
>> solar_irradiance:valid_max = 0b ;
>> solar_irradiance:long_name = 115b, 111b, 108b, 97b, 114b, 32b, 105b,
>> 114b, 114b, 97b, 100b, 105b, 97b, 110b, 99b, 101b ;
>
> So, what do you think is wrong?
>
>   IDL> long_name = [115b, 111b, 108b, 97b, 114b, 32b, 105b, 114b, $
>   114b, 97b, 100b, 105b, 97b, 110b, 99b, 101b]
>   IDL> print, string(long_name)
>   solar irradiance
>
> Cheers,
>

> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Sepore ma de ni thui. (Opata Indian saying, meaning "Perhaps thou
> speakest truth.")
