
Subject: Re: NCDF_ATTCOPY and typecasting

Posted by alexzcervantes@gmail.com on Mon, 21 Aug 2006 17:11:31 GMT

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

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 = ncd_f_attname(mafncid, mafvarid, index)

>> ncd_f_attget, mafncid, mafvarid, maf_attname, attval

>> ncd_f_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.")
