
Subject: Re: NCDF_ATTCOPY and typecasting
Posted by [David Fanning](#) on Fri, 18 Aug 2006 20:34:19 GMT
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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

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. (Opata Indian saying, meaning "Perhaps thou
speakest truth.")
