
Subject: Re: Problems writing netCDF files
Posted by [POLCHER Jan](#) on Wed, 11 Sep 1996 07:00:00 GMT
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Sorry for causing all this noise on the Internet !!

Found the answer to this stupid question myself !

netCDF only supports characters. Thus it should be like this, and it is rather surprising that ncdump produces strings for some files.

In IDL the solution is to read the attribute into a the variable and then do a string on it. Like this :

```
res=ncdf_attnq(fid, var_id, "title")
title=string(xx_tmp)
```

Perhaps it answers the question for somebody else !!

Best regards

POLCHER Jan wrote:

```
> I have a small problem when writing STRINGS to netCDF files. This is
> espacially problematic for attributes.
>
> When I do the following :
>
> title="Sea Surface"
> ncdf_attnq, cr_id, var_id, 'title', title, /char
>
> I get a strange result in the file. ON a ncdump I get the following
> output :
>
> toto:title = 'S', 'e', 'a', ' ', 'S', 'u', 'r', 'f', 'a', 'c', 'e'
>
> A similar problem exists when I read an attribute from an existing
> netCDF file. The IDL variable contains the ASCII numbers for the single
> characters.
>
> To me it looks as if strings are not supported by the IDL implementation
> of netCDF. Perhaps there is a not documented /string keyword ???
```

--

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Subject: Re: Problems writing netCDF files
Posted by [Andy Loughe](#) on Thu, 12 Sep 1996 07:00:00 GMT
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POLCHER Jan wrote:

>
> Sorry for causing all this noise on the Internet !!
>
> Found the answer to this stupid question myself !
>
> netCDF only supports characters. Thus it should be like this, and it is
> rather s

Or is that "only supports numerals"?

> --
> Jan Polcher
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fax:(303)497-7013
Boulder, CO 80309-0449 "He who laughs last thinks slowest!"
