
Subject: IDL: Wrong data type when reading ncdf file in IDL
Posted by [Kwang. Jae LEE](#) on Wed, 31 Mar 2010 04:49:35 GMT
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Hi

I tried to read ncdf fomatted data in IDL

below is well-known data in meterology

File : sst.mnmean.nc

```
-----  
id=NCDF_OPEN(file)  
NCDF_VARGET, id, 'sst', data  
  NCDF_ATTGET, id, 'sst', 'missing_value', miss  
  NCDF_ATTGET, id, 'sst', 'scale_factor', scalef  
  NCDF_ATTGET, id, 'sst', 'add_offset', offset  
NCDF_CLOSE, id  
-----
```

```
IDL> help, data, scalef, offset  
DATA      INT      = Array[180, 89, 1874]  
SCALEF     FLOAT    =  0.0100000  
OFFSET     FLOAT    =  0.00000
```

vaiable 'sst' is float or short data type checking from 'Grads' and
'ncdump -h commend'
SST data is taken as interger form.
but when I read another variable in IDL like above, it has no problem

anybody who has same problem or has answer from my question
plz, help ^^
