
Subject: Re: How to read the data like this?
Posted by [R.Bauer](#) on Tue, 30 Sep 2003 11:48:42 GMT
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Dear Likun,

I would suggest to do convert first missing data blanks into fill_Value
and read this data then again.

e.g.

```
file='test.dat'
n=file_lines(file)
txt=make_array(n,/string)
openr,lun,/get_lun,file
readf,lun,txt
free_lun,lun

;separator=string(9b); if it is tab delimited
separator='  '; if it is two blanks
fill_value=999.0

for i=0,n-1 do
  txt[i]=replace_string(txt[i],separator+separator,separator+n 2s(fill_value)+separator)

for i=0,n-1 do
  txt[i]=replace_string(txt[i],separator+separator,separator+n 2s(fill_value)+separator)

openw,lun,/get_lun,file+'.txt',width=200
printf,lun,txt
free_lun,lun

x=read_data_file(file+'.txt')
```

The routines replace_string, n2s and read_data_file you'll find in our
library.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

regards

Reimar

wang_likun@yahoo.com wrote:

> Hi,all:
>

> Could you give me help to read the data with fixed column and rows but
> containing some missing data? Something like this:

```
> -----  
> 871.0 1288 -2.9 -5.5 82 2.93 300 5 281.1 289.6 281.6  
> 868.0 1315 -3.5 -8.5 68 2.33 286 5 280.8 287.6 281.2  
> 850.0 1478 -2.3 -7.2 69 2.63 200 7 283.7 291.4 284.2  
> 836.0 1610 -1.5 -7.5 64 2.61 188 9 285.9 293.7 286.4  
> 816.2 1800 -3.0 -8.0 69 2.58 170 12 286.3 293.9 286.7  
> 785.8 2100 -5.4 -8.8 77 2.52 175 17 286.8 294.3 287.2  
> 780.0 2158 -5.9 -8.9 79 2.51 176 18 286.9 294.4 287.4
```

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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