
Subject: reading data idl

Posted by [siumtesfai](#) on Fri, 18 Dec 2015 20:17:57 GMT

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Hi

I have problem reading text file with header in idl

my data sample is shown below

```
254  0  1  JUN  1957
  1 13996 72456 39.07N 95.62W 269 99999
  2 1000 2000 1640 15 7 0
  3      TOP      ms
  9 9830 269 250 177 180 20
  4 10000 117 99999 99999 99999 99999
  4 8500 1527 153 83 345 20
  4 7000 3143 41 8 352 20
  4 5000 5809 -114 99999 37 30
  4 4000 7490 -214 -280 268 80
  4 3000 9551 -369 -444 229 110
  4 2500 10786 -480 99999 232 160
  4 2000 12219 -598 99999 247 250
  4 1500 13981 -637 99999 245 180
  4 1000 16513 -618 99999 230 60
254  0  2  JUN  1957
  1 13996 72456 39.07N 95.62W 269 99999
  2 1000 2000 1730 15 7 0
  3      TOP      ms
  9 9870 269 214 96 20 100
  4 10000 154 99999 99999 99999 99999
  4 8500 1539 102 37 52 140
  4 7000 3137 28 -94 58 80
  4 5000 5785 -112 -141 331 40
  4 4000 7467 -220 -246 199 40
  4 3000 9515 -385 -422 208 90
  4 2500 10742 -482 99999 212 180
  4 2000 12174 -599 99999 220 250
  4 1500 13939 -624 99999 246 190
  4 1000 16465 -629 99999 275 70
```

sample code

```
nlines = FILE_LINES(filename)
sarr = STRARR(nlines)
OPENR, unit, filename, /GET_LUN
READF, unit, sarr
```

FREE_LUN, unit

=====

Subject: Re: reading data idl

Posted by [Phillip Bitzer](#) on Fri, 18 Dec 2015 21:29:34 GMT

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On Friday, December 18, 2015 at 2:18:00 PM UTC-6, Sium T wrote:

```
> Hi
>
> I have problem reading text file with header in idl
>
> nlines = FILE_LINES(filename)
> sarr = STRARR(nlines)
> OPENR, unit, filename,/GET_LUN
> READF, unit, sarr
> FREE_LUN, unit
>
> =====
```

What's the problem?

Subject: Re: reading data idl

Posted by [siumtesfai](#) on Fri, 18 Dec 2015 22:16:41 GMT

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On Friday, December 18, 2015 at 4:29:37 PM UTC-5, Phillip Bitzer wrote:

```
> On Friday, December 18, 2015 at 2:18:00 PM UTC-6, Sium T wrote:
>> Hi
>>
>> I have problem reading text file with header in idl
>>
>> nlines = FILE_LINES(filename)
>> sarr = STRARR(nlines)
>> OPENR, unit, filename,/GET_LUN
>> READF, unit, sarr
>> FREE_LUN, unit
>>
>> =====
>
> What's the problem?
```

The problem is How I can put the data into an array with the following dimension

Data= [pressure,Year, month]

Original data is daily data at several discrete pressure levels, year and month

Best regards
