Subject: Re: Reading data, without column header Posted by David Fanning on Wed, 11 Apr 2012 12:09:40 GMT

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shambhu writes:

```
>
> Hi
>
> I have a .dat file, which contains 5 columns. I want to read data of
> the file in to other file for manipulation. I want to read it from
> second row. Please tell me how to do.
>
>
> I am using following code, but when i run first time it shows error
> coz of type mis-match. When i continue with execution it works. Please
> help mr to avoid his error.
>
> data = fltarr(5)
> filename = '/scratch/shambhu/cdays.dat'
> openr,lun,filename,/get lun
> rows=file lines(file)
> for j=0, rows-1 do begin
> readf, lun, data
> t = data(0)
> q = data(1)
> Md = data(2)
> h = data(3)
> hplus = data(4)
> endfor
> free_lun, lun
>
>
> Output:
> IDL> readf, lun, data
> % READF: Input conversion error. Unit: 100
>
        File: /scratch/shambhu/cdays.dat
> % Execution halted at: $MAIN$
> IDL> readf, lun, data
> IDL> print,data[0]
      289.021
```

I would guess there is a header line, before the data starts. I would open the file in a text editor and see. If so, read the header before you read the data.

```
Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
```

Coyote's Guide to IDL Programming: http://www.idlcoyote.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Reading data, without column header Posted by d.poreh on Wed, 11 Apr 2012 13:29:32 GMT View Forum Message <> Reply to Message

```
On Wednesday, April 11, 2012 2:09:40 PM UTC+2, David Fanning wrote:
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>>
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>> filename = '/scratch/shambhu/cdays.dat'
>> openr,lun,filename,/get lun
>> rows=file_lines(file)
>>
>> for j=0, rows-1 do begin
>> readf, lun, data
>> t = data(0)
>> q = data(1)
\rightarrow Md = data(2)
>> h = data(3)
\rightarrow hplus = data(4)
>> endfor
>> free lun, lun
>>
>>
>> Output:
```

>> IDL> readf, lun, data

```
>> % READF: Input conversion error. Unit: 100
         File: /scratch/shambhu/cdays.dat
>> % Execution halted at: $MAIN$
>> IDL> readf, lun, data
>> IDL> print,data[0]
>>
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>
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> data starts. I would open the file in a text editor
> and see. If so, read the header before you read
> the data.
> Cheers,
>
> David
>
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

data=read_ascii(file)