
Subject: Re: Formatted read of text file
Posted by [Harald Frey](#) on Wed, 11 Jun 1997 07:00:00 GMT
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Matt Cheselka wrote:

>
> I have a file that contains row and column data like the following:
>
> # I E E_conv E_bl E_saa Resid_RMS
> # 0 3.512799e-05 3.512799e-05 0.000000e+00 0.000000e+00 3.512799e-05
> 1 1.445887e-05 1.445921e-05 0.000000e+00 0.000000e+00 1.445921e-05
> 2 7.363944e-06 7.364333e-06 0.000000e+00 0.000000e+00 7.364333e-06
> .
> .
> .
>
> So my question is a two-parter.
>
> First, how to I skip the first two lines of this file?
>
> Second, what is proper way to do a formatted read of each of the 6 columns in
> the remaining rows? I would like to have each column value put into its
> own array so I can then plot/print out each column individually.
>
> My guess is that I have to use and OPENR first to open the file, but that
> may not even be the best way to do it.
>

```
; -----  
pro read_formatted_file
```

```
file_name='test.dat' ; change if you want
```

```
dummy=' '  
openr,unit,file_name,/get_lun  
readf,unit,dummy,format='(/a20)'  
print,dummy ; only to check the result of ; readf
```

```
on_ioerror,io_error  
a=fltarr(5) ; define input  
num=0  
numb_of_lines=2  
numb=intarr(numb_of_lines)  
array=fltarr(5,numb_of_lines) ; define result
```

```
; if you don't know the number of lines you can also use the ;  
"while" command  
for i=0,numb_of_lines do begin
```

```
readf,unit,num,a,format='(i2,5g13.6)'  
array(*,i)=a  
endfor  
  
io_error:  
plot_io,array(0,*)  
  
end  
; -----
```

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