
Subject: Create an array for data opened and read from text file

Posted by [smnadoum](#) on Fri, 10 Feb 2017 04:44:06 GMT

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Hi,

I might be over thinking this but I could use some help. I wrote this code that opens and reads data from a text file. I am trying to create an array for the data that was opened, read, and printed, however, my attempts for creating an array for the data are all unsuccessful: `mwell=float(x, logx, y)` . Can anyone identify the problem?

```
pro read_text, file, dir
```

```
dir='C:\Users\shereen\Videos'
```

```
file= 'C:\Users\shereen\Videos\test.txt'
```

```
n = file_lines(file)
```

```
x= fltarr(n)
```

```
y= fltarr(n)
```

```
logx= fltarr(n)
```

```
x0= 0.0
```

```
logx0= 0.0
```

```
y0=0.0
```

```
openr, iunit, file, /get_lun
```

```
for i= 0, n-1 do begin
```

```
readf, iunit, x0, logx0, y0
```

```
x[i]= x0
```

```
logx[i]= logx0
```

```
y[i]=[y0]
```

```
endfor
```

```
free_lun, iunit
```

```
for i = 0, n-1 do print, x[i], logx[i], y[i]
```

```
;;idl prints
```

```
0.115825 0.251150 0.344600
```

```
0.0822174 0.266348 0.406000
```

```
0.0674909 0.246855 0.531873
```

0.0985870	0.225174	0.506348
0.117978	0.189022	0.541152
0.119739	0.196804	0.457326
0.137261	0.221652	0.426978
0.128391	0.209696	0.400348
0.132717	0.247109	0.365717
0.103391	0.229152	0.312783
0.122043	0.221109	0.371478
0.0880652	0.277435	0.365022
0.157629	0.179771	0.360571
0.256195	0.256195	0.441024
0.262326	0.262326	0.454457
0.229582	0.229582	0.529491
0.185870	0.185870	0.588435
0.160543	0.160543	0.542522
0.178348	0.178348	0.531804
0.206630	0.206630	0.452717
0.239457	0.239457	0.405826
0.242913	0.242913	0.349891
0.277283	0.277283	0.365630
0.244478	0.244478	0.413913
0.225174	0.225174	0.478543
0.207629	0.207629	0.449314
0.389293	0.245756	0.389293
0.408196	0.222978	0.408196
0.433745	0.245418	0.433745
0.493109	0.219761	0.493109
0.435891	0.227109	0.435891
0.456435	0.257217	0.456435
0.450022	0.231522	0.450022
0.408457	0.235239	0.408457
0.392261	0.212826	0.392261
0.445522	0.261696	0.445522
0.413543	0.234130	0.413543
0.415348	0.217891	0.415348
0.441343	0.210971	0.441343

mwell=float(x, logx, y) ;I want to create an array for the printed data without changing the size, dimension, etc..

end

Thank you.