

---

Subject: accessing data from READ\_ASCII

Posted by [Andreas Ernst](#) on Wed, 26 May 2004 12:59:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I am today trying to read a file with formatted data,  
which look like this:

```
0.0 SIGT2: 2.15D-01 1.75D-01 2.15D-01 2.13D-01 2.08D-01
2.10D-01 1.95D-01 2.08D-01 1.83D-01 1.56D-01 9.23D-02 2.08D-01
1.0 SIGT2: 2.15D-01 2.05D-01 2.18D-01 2.15D-01 2.11D-01
2.18D-01 2.16D-01 1.99D-01 1.91D-01 1.54D-01 9.04D-02 2.09D-01
2.0 SIGT2: 1.95D-01 2.46D-01 2.10D-01 2.48D-01 2.27D-01
2.17D-01 2.14D-01 2.05D-01 1.88D-01 1.54D-01 8.78D-02 2.33D-01
```

...

So the file contains basically 1500 lines with 14 columns of data,  
from which the second column contains strings, which I don't need.  
I tried to read it with the READ\_ASCII routine, but I did not find  
out how to access the data structure afterwards. My code looks like  
this:

```
sigc = FLTARR(till1)
sig=READ_ASCII(file1, num_records=till1)
sigc=REFORM(sig.(3))
PRINT, sigc[0]
```

till1 is 1500 in this case. sigc should contain the third  
column of the data file, and as an example I would like to  
print out the first datum in this column, which belongs to  
the first row of data. I also tried the following expression

```
PRINT, (sig.(3))[0]
```

and

```
PRINT sig(3,0)
```

but neither of these possibilities works.  
How to deal with that?

Thanks in advance. Andreas

---