Subject: Re: accessing data from READ_ASCII Posted by David Fanning on Wed, 26 May 2004 13:53:48 GMT

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Andreas Ernst writes:

```
> 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 acces 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?
When I read your example data with the code you supply
above the variable "sig" is a structure containing one
field, FIELD01, which is a 14 by 3 float array. The
third column would then be:
 col3 = reform((sig.(0))[2,*])
Cheers,
David
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
```

Subject: Re: accessing data from READ_ASCII Posted by Andreas Ernst on Wed, 26 May 2004 14:34:09 GMT

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David Fanning wrote:

```
> When I read your example data with the code you supply
> above the variable "sig" is a structure containing one
> field, FIELD01, which is a 14 by 3 float array. The
  third column would then be:
    col3 = reform((sig.(0))[2,*])
>
>
> Cheers,
>
> David
```

Thanks a lot, David. I was already trying half of the day. The idl documentation is very restricted concerning the question of accessing data structures... It only has the routines in it.

Andreas