
Subject: Re: String Data file

Posted by [R.Bauer](#) on Thu, 31 Jul 2003 07:02:23 GMT

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

Karthikayan Balakrishnan wrote:

> Hello All,
> I have a data file that looks like this:
> abc 1 2
> def 3 4.5
> ghij 2.3 23.44
> ...
> ...
> The first column is string, the next two are
> floating point. Is there any way I can read such a file?
> I am familiar with counting the number of rows and reading
> data file with just numbers, but this combination of numbers
> and strings is too much for me.
>
> Thanks in advance,
> Karthik.

Our published read_data_file with the /vstruct keyword does not read this file.

```
x=read_data_file('file.txt',/vstruct)
```

I missed to include first column of text type. I have fixed this in our working library. Now I am testing the whole thing.

```
help,x.data,/str
** Structure <83892dc>, 3 tags, length=20, data length=20, refs=2:
VAR0      STRING   'abc'
VAR1      FLOAT     1.00000
VAR2      FLOAT     2.00000
```

```
help,x.data[1],/str
** Structure <83892dc>, 3 tags, length=20, data length=20, refs=2:
VAR0      STRING   'def'
VAR1      FLOAT     3.00000
VAR2      FLOAT     4.50000
```

```
help,x.data[2],/str
** Structure <83892dc>, 3 tags, length=20, data length=20, refs=2:
VAR0      STRING   'ghij'
VAR1      FLOAT     2.30000
VAR2      FLOAT     23.4400
```

If you are interested I can sent a separate copy of the changed files.

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)

Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

=====
