
Subject: Re: Help with reading structure from file
Posted by [R.Bauer](#) on Sun, 18 Feb 2001 22:04:53 GMT
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Surendar Jeyadev wrote:

>
> In the loosing battle with the Excel users, the latest direct hit was reading
> in a file that contained strings and numeric data in each line. Having given
> up (and as the only hold out against Excel!), I need HEEELLPPPP.
>
> This is the simplified problem. I am trying to read data in the following
> format:
>
> 001a 312.194 76.922 296.301 21.462 0.453 289.515 0.957
> 001b 363.748 106.090 506.188 19.430 0.528 347.252 1.176
> 001c 398.248 138.541 724.470 17.152 0.578 383.534 1.701
> 002a 294.593 28.525 248.744 8.532 0.428 290.497 1.268
> 002b 353.415 46.290 449.015 7.974 0.513 349.565 2.011
> 002c 401.279 80.260 661.701 3.341 0.582 395.403 4.529
>
>
>

Dear Surendar,

this is my solution of this problem.

You will need additional:

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/fileline.tar.gz
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/n_separator.tar.gz

Please have a look for further routines and licensing at
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

FUNCTION read_excel

```
n_lines=fileline('excel.txt')
txt=STRARR(n_lines)
OPENR,lun,'excel.txt',/GET_LUN
READF,lun,txt
FREE_LUN,lun
```

```
txt=STRCOMPRESS(txt)
```

```
sep=' '
```

```
n_sep=(n_separator(txt[1],sep))[0]
pos_sep=STRPOS(txt[1],sep)
```

```
asc=STRMID(txt,0,pos_sep)
txt=STRMID(txt,pos_sep+1,10000)
```

```
data=FLTARR(n_sep,n_lines)
READS, txt, data
```

```
RETURN,{asc:asc,data:data}
```

END

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Jülich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
