
Subject: converting to array

Posted by [Martin Skou Andersen](#) on Mon, 12 Mar 2001 19:41:30 GMT

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Hi...

I have some data from a file...

example:

file start

10.5 30.5 40.8 57.9 90.8

end of file

I would like to read these data from a file, and these should be placed in a array...

But when I read the file the datas are placed in a string. How do i get these data converted to a array?

Thanx

Martin Skou

Subject: Re: converting to array

Posted by [R.Bauer](#) on Mon, 26 Mar 2001 20:14:49 GMT

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Martin Skou Andersen wrote:

>

> Hi...

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> example:

> file start

> 10.5 30.5 40.8 57.9 90.8

>

> end of file

> I would like to read these data from a file, and these should be placed

> in a array...

> But when I read the file the datas are placed in a string. How do i get

> these data converted to a array?

>

> Thanx

> Martin Skou

Dear Martin,

We have a general routine which reads automaticly array orientated files like

HEADER

```

HEADER
COLUMN1 COLUMN2 COLUMN3 COLUMN4 COLUMN5
10.5  30.5  40.8  57.9  90.8
10.5  30.5  40.8  57.9  90.8
10.5  30.5  40.8  57.9  90.8
TRAILER
TRAILER

```

You can have as much header or trailer comments you like. This routines
finds automaticly where the data starts and where the data is finished.

```
result=read_data_file(file.txt)
```

The result could have these tags

```

header
separator
data
trailer

```

The data tag is an array of columns, lines. The type could be set.
A widget to look at the data could be called by a keyword.

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

For further routines and licensing please look at
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

regards
Reimar

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Reimar Bauer

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a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

