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**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

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**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...  
> 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

Dear Martin,

We have a general routine which reads automatically 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 founds 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](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.h.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h.html)

regards  
Reimar

--  
Reimar Bauer

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

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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.h.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h.html)

