
Subject: Re: how to make it an array?

Posted by [R.Bauer](#) on Sun, 18 Apr 2004 19:17:23 GMT

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

Thomas Nehls wrote:

> Hi,
>
> as the result of calculations I produced a 3 column .dat-file . While
> using /APPEND and after calculation of some images of 400x400 the length
> of the file is about 1,000,000 rows.
>
> For further calculation I want to read the .dat-file(using read_ascii?)
> into an array. I already got the file read but the type is struct and
> the value is anonymus.
> How can I make it an array?
> Thanks
> Tom

Dear Tom,

I don't like read_ascii but I know that there is a keyword to switch the modes from structure to array.

We have our own read_data_file routine written, this analyses itselfs where comments and where data is. You'll find this in our library.

If you know your file the easiest thing is to read it by a simple program written yourself.

```
file='test.dat'  
comment=""  
data=make_array(3,1000000L,value=999.0,/float)
```

```
openr,lun,/get_lun,file  
readf,lun,comment  
; I don't know if you have one or more comments in front of the data  
readf,lun,data  
free_lun,lun
```

That's all and it is the fastest method you could use.

cheers

Reimar

--

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

=====

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