Subject: Re: Read these data in structure Posted by Chris[6] on Wed, 21 Jul 2010 22:49:07 GMT

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On Jul 21, 3:33 am, ali mozafari <a.mozafari1...@googlemail.com>wrote:
> Folks
> I have a question:
```

- > I have some \*.dat files (it is changing each time and I do not know
- > how many I have) and also rows and columns of \*.dat files are
- > different. I want to read these data in structure. I tried something
- > like this:
- > pro read\_several\_files
- > path="d:\p\"
- > List = findfile(path+"\*.dat")
- > no=N\_ELEMENTS(List)
- > info={info:ptr\_new(/allocate\_heap)}
- > for i = 0, no-1 do info.info=read\_ascii(list[i])
- > .....
- > What I need is at the final I get structure that I can access my data.
- > Data1=...
- > Data2=....
- > .....
- > Any Help?

Why not use a pointer array instead?

```
files = file_search('search string', count = ct)
data = ptrarr(ct)
for i = 0, ct - 1 do begin
  x = ...code to read your file into an array...
data[i] = ptr_new(x)
endfor
```

then, you access each file's array by \*(data[i])

chris

Subject: Re: Read these data in structure Posted by d.poreh on Thu, 22 Jul 2010 06:36:36 GMT View Forum Message <> Reply to Message

On Jul 21, 3:49 pm, Chris <br/> <br/>beaum...@ifa.hawaii.edu> wrote:

- > On Jul 21, 3:33 am, ali mozafari <a.mozafari1...@googlemail.com>
- > wrote:
- >
- >

```
>
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>> like this:
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>> info={info:ptr_new(/allocate_heap)}
>> for i = 0, no-1 do info.info=read_ascii(list[i])
>> What I need is at the final I get structure that I can access my data.
>> Data1=...
>> Data2=....
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>> Any Help?
> Why not use a pointer array instead?
> files = file_search('search string', count = ct)
> data = ptrarr(ct)
> for i = 0, ct - 1 do begin
> x = ...code to read your file into an array...
> data[i] = ptr new(x)
> endfor
> then, you access each file's array by *(data[i])
> chris
But *(data[i]) is a structure and you need:
data=*(data[i]).(0)
Cheers
Dave
```