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