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Subject: Re: saving arrays within loop

Posted by [rkombiyil](#) on Mon, 23 Apr 2007 13:17:27 GMT

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On Apr 23, 12:04 am, David Fanning <n...@dfanning.com> wrote:

> metachronist writes:

>> I have binary datafiles (daily records for every minute from a given  
>> station) which I could read using anonymous structures without any  
>> problem. What I am trying to do is to read data from different  
>> stations and group them into one big array, having indices =  
>> (number\_of\_stations, data\_having\_dimensions\_of\_dim).

>  
>> For example, I have tried this.. Outside the loop, I define the struct  
>> and replicate the struct and within the loop, read the complete  
>> datafile ('data', having dimensions of 1440,31) from different  
>> stations.

>  
> I am confused. If you can read these data files into  
> anonymous structures, and you make an ARRAY of  
> these anonymous structures, why can't you just  
> loop through the data files, reading each file,  
> and then storing the data in the appropriate location  
> in your array of structures? In the end, you will  
> have (or can easily create) what you want.

>  
>> But only, the last station values get stored?! Do I need to index the  
>> individual station temp values? I didn't think so.

>  
> Well, if only the last station values get stored, then  
> I would think the ONLY solution would be to index the  
> station values. But I can't really tell from your description  
> what you think that means.

>  
>> What is it that I am doing which is so obviously wrong?

>  
> I think you are trying to make it too hard. If you already  
> have something that works, just do that thing for all your  
> data files. In the end, you can treat your array of structures  
> in the way you apparently want to treat your data.

>  
> Cheers,

>  
> David

> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Yes, you were right :) It was a mistake with the declaration, being the lazy sort, I didn't wanna go through the many lines of code (tho they are my creation!) :p

Thanks for your time. I appreciate it.

~rk

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