
Subject: Re: Calling data from a structure of pointers?
Posted by [David Fanning](#) on Thu, 10 Mar 2005 22:46:33 GMT
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Jonathan Greenberg writes:

```
> Hopefully this'll be a quicky -- I have a structure of pointers, so if I,  
> for instance, print,structure.pointername I get something like:  
>  
> <PtrHeapVar5917><PtrHeapVar5922>  
>  
> I want to ACCESS the data from that structure tho, but:  
>  
> print,*structure.pointername doesn't work, nor does  
> print,structure.*pointername nor:  
>  
> tempvar=structure.pointername  
> print,*tempvar  
>  
> How do I retrieve the data the pointers are referring to?
```

If you really have a structure of pointers, then this **must** work:

```
IDL> Print, *structure.pointername
```

Because structure dereferences have a higher order of precedence than pointer dereferences.

But from your description, it seems more likely that structure is a pointer to a structure of pointers. (I can't really tell **what** you have there.)

Perhaps something like this would work with whatever it is you have:

```
*(*structure).pointername
```

You might find this article helpful:

http://www.dfanning.com/misc_tips/precedence.html

Cheers,

David

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