Subject: Re: Pointer and structure question
Posted by Fabzi on Sat, 13 Oct 2012 11:28:52 GMT
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On 10/13/2012 01:20 PM, TimB wrote:
> print,x.var1 works, print,*array[0].var1 gives the error

print,(*array[0]).var1 should do do it

cheers

Fab

Subject: Re: Pointer and structure question
Posted by Lajos Foldy on Sat, 13 Oct 2012 11:30:30 GMT
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On Saturday, October 13, 2012 1:20:36 PM UTC+2, TimB wrote:
> I'm having trouble accessing a structure referred to by a pointer. Here's a simplified example of what I want to do.
>
>
>
> array=replicate(ptr_new(/ALLOCATE_HEAP),2)
>
> *array[0]={var1:1.0,var2:2.0}
>
>
>
> x=*array[0]
>
> print,x.var1
>
> print,*array[0].var1
>
>
>
>
>
> print,x.var1 works, print,*array[0].var1 gives the error "Expression must be a structure in this context: ARRAY.". I need to be able to access var1 without creating the x variable as seen in this example. What am I doing wrong?
>
>
>
> Thanks, Tim

Operator precedence. Use parenthesis when in doubt.

```
IDL> print,(*array[0]).var1
     1.00000
```

regards,
Lajos

Subject: Re: Pointer and structure question
Posted by timmyb89 on Sun, 14 Oct 2012 02:58:29 GMT
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Thanks, too easy.

On Saturday, October 13, 2012 10:20:36 PM UTC+11, TimB wrote:
> I'm having trouble accessing a structure referred to by a pointer. Here's a simplified example of what I want to do.
>
>
>
> array=replicate(ptr_new(/ALLOCATE_HEAP),2)
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> *array[0]={var1:1.0,var2:2.0}
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> print,x.var1
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>
>
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>
>
> Thanks, Tim
