
Subject: Re: change values of structure variable

Posted by [gunvicsin11](#) on Thu, 08 Nov 2012 04:58:28 GMT

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On Tuesday, November 6, 2012 11:53:57 PM UTC+5:30, wlandsman wrote:

> On Tuesday, November 6, 2012 10:23:40 AM UTC-5, David Fanning wrote:

>
>
>
>> You can't change anything about a structure once you create
>
>> it in the IDL session.
>
>
>
> You can't change dimensions or data types, but you should be able to change structure tag
values. So I don't know why the code is not working for the OP (we don't see his common
block). But the following works

```
>  
>  
>  
> pro test1  
>  
> common var,a  
>  
> a.b(*,*) = 2500  
>  
> return  
>  
> end  
>  
>  
>  
> pro test  
>  
> common var,a  
>  
> a = {b:dblarr(3,5)}  
>  
> test1  
>  
> print,a.b  
>  
> return  
>  
> end  
>  
>
```

```

>
> IDL> test
>
>   2500.0000    2500.0000    2500.0000
>
>   2500.0000    2500.0000    2500.0000
>
>   2500.0000    2500.0000    2500.0000
>
>   2500.0000    2500.0000    2500.0000
>
>   2500.0000    2500.0000    2500.0000

```

Hi sir,

I tried this method but still it is not working,
 His common block is,

```
atom.common(common block)-COMMON atmosCommon, atmos, H, metals, molecules, nHmin
```

I have written a program as you said like this,
 pro test1
 common atmosCommon,atmos
 atmos.vturb(*,*)=2500.0000
 return
 end

I have called this in the function(read2datmos.pro),

```
FUNCTION read2datmos, fileName, BFILE=Bfile
Nx = 0L & Nz = 0L & NHydr = 0L
```

```
  openr, unit, fileName, /GET_LUN, /XDR
```

```
  readu, unit, Nx, Nz, NHydr
  point_lun, unit, 0
```

```
  atmos = {Nx: Nx, Nz: Nz, NHydr: NHydr, $
           boundary: lonarr(3), dx: dblarr(Nx), z: dblarr(Nz), $
           T: dblarr(Nx, Nz), n_elec: dblarr(Nx, Nz), $
           vturb: dblarr(Nx, Nz), vx: dblarr(Nx, Nz), $
           vz: dblarr(Nx, Nz), $
           nH: dblarr(Nx, Nz, NHydr)}
```

```
  test1 (I have called the program here).
```

But still it is not working.

Will please let me know if there is any mistake.
 thanking you

sid
