
Subject: Re: change values of structure variable

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

[View Forum Message](#) <> [Reply to Message](#)

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
