
Subject: Re: change values of structure variable
Posted by [sid](#) on Fri, 09 Nov 2012 06:06:42 GMT
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On Friday, November 9, 2012 10:07:23 AM UTC+5:30, wlandsman wrote:

> There is no common block in the program read2datmos.pro as you wrote it below. The
COMMON statement must be in every program that uses its variables or it will not "work".

```
>
>
>
>> 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
```

Sir,

Two functions are using the common block. One is read2datmos.pro and another is readatmos.pro

So in this readatmos.pro

There is a statement like "@atom.common" and this atom.common is the common block as I mentioned earlier.

But I need to use the test1.pro(I have mentioned earlier) in order to change the values of atmos.vturb(where atmos is common block variable).

But I dont know where to use this test1.pro in order to make it work.

thanking you

Sid
