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Subject: Re: Need help ( structures )

Posted by [thompson](#) on Wed, 20 Dec 1995 08:00:00 GMT

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hegde@news.gsfc.nasa.gov (M Hegde) writes:

> Hi:

> I am coming across the following error when initializing a named structure.  
> Any help in this regard is greatly appreciated.

```
> ****  
> eg:  
> ; named structure creation  
> name1 = { file, name:' ', header_size:0, data_type:0, format:0, $  
>   dim:intarr(3), key:' ' }  
  
> ; case I ( valid )  
> name1.dim = [ 10, 20 ] ; initialized name1.dim() to [ 10, 20, 0 ]  
  
> ; case II ( results in error )  
> name2 = { file, name:' ', header_size:0, data_type:0, format:0, $  
>   dim:[10,20], key:' ' }  
> ; results in an error since the member 'dim' expects intarr(3)  
> ****
```

> Can anyone help me in making named structures as in case II ?

I'm sure you must realize that

```
name2 = { file, name:' ', header_size:0, data_type:0, format:0, $  
  dim:[10,20,0], key:' ' }
```

is perfectly legal.

If you want the size of the dim array to be variable, then simply use unnamed structures rather than named ones, e.g.

```
unnamed = { name:' ', header_size:0, data_type:0, format:0, $  
  dim:[10,20], key:' ' }
```

Bill Thompson

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