
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
