
Subject: Re: structures still confusing

Posted by [Allan Whiteford](#) on Tue, 13 Jun 2006 08:13:49 GMT

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Martin,

```
print,(s.m)[0]
```

is probably less confusing. Similarly you can do:

```
print,(s.m)[0,1]
```

but you can't do:

```
print,s.m[0,1]
```

or, you can also do:

```
print,(s.m[0])[1]
```

Thanks,

Allan

Martin Rother wrote:

```
>      Hi Gurus,  
>  
>      finally something, where I don't know,  
>      if it's odd idl syntax or not...  
>  
>      something about structures.  
>  
> FUNCTION test_struct  
>  
>   s = [{ m : [1L, 2L, 3L], n :1L }]  
>  
>   FOR i = 1L, 2L DO BEGIN  
>     ;  
>     s = [s, { m : [1L, 2L, 3L], n : i }]  
>     ;  
>   ENDFOR  
>  
>   return, s  
>  
> END  
>  
>   this creates an array of structures:  
>
```

```

> (X). s = test_struct()
> (X). help,/struct,s
> ** Structure <fa330>, 2 tags, length=16, data length=16, refs=1:
>   M          LONG    Array[3]
>   N          LONG      1
> (X). print, n_elements(s)
>      3
> (X).
>
>   so far ok, I guess. but
>
> (X). help,s.m
> <Expression>  LONG    = Array[3, 3]
> (X). print, s.m
>      1      2      3
>      1      2      3
>      1      2      3
> (X). print, s.m[0]
>      1      1      1
> (X). print, s.m[1]
>      2      2      2
> (X). print, s.m[2]
>      3      3      3
>
>   is a *bit* confusing. isn't it?
>
>
>   best regards,
>   martin.

```
