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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.
```

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