
Subject: Re: confusion around a pointer to an array of structures
Posted by [Paul Van Delst\[1\]](#) on Tue, 09 Aug 2005 20:07:14 GMT
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Edd wrote:

> Henry <henrygroee@yahoo.com> wrote:
>
>> But, I can see no other way around this, aside from redesigning how I'm
>> storing the information. Does anyone see how to do the equivalent of
>> "((*a)[0]).x = 99d" in the above example? (without the awkward three
>> line dumb hack I've shown)
>> I'm sure I'm just not seeing something simple....
>
>
> Is there anything incorrect about saying (*a)[0].x=99d ?
>

I tried the OP's method and got his error,

```
IDL> ((*a)[0]).x = 99d
% Attempt to store into an expression: Structure reference.
% Execution halted at: $MAIN$
```

and thought that the "correct" syntax would be something like ((*a).x)[0]

This is what I get,

```
IDL> a = ptr_new( replicate( {x:0d}, 5 ) )
IDL> (*a).x = dindgen(5)
IDL> help, ((*a).x)[0]
<Expression>  DOUBLE   =    0.0000000
IDL> ((*a).x)[0] = 99d
% Internal error: The Interpreter stack is not empty on exit.
IDL> help, ((*a).x)[0]
<Expression>  DOUBLE   =    99.0000000
```

So that works too..... sort of.

Veird.

paulv

--

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