
Subject: Re: pointer to structures

Posted by [davidf](#) on Tue, 04 Apr 2000 07:00:00 GMT

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eeeyler@my-deja.com (eeeyler@my-deja.com) writes:

```
> suppose I wish to create a structure and wish to reference that
> structure and its contents via a pointer:
> filter=ptr_new({points:['a','b'],pt1_value:200, pt2_value:'X_WHYLOG'})
> how do I reference the points array? I thought it would be as:
> print, *filter.points
> but I get the message
> %Expression must be a structure in this context: Filter
```

The problem here is that a pointer dereference has the lowest order of precedence. Lower, even, than a structure dereference. So, you must first dereference the structure (by using parentheses), and *then* dereference the pointer, like this:

```
filter=ptr_new({points:['a','b'],pt1_value:200, pt2_value:'X_WHYLOG'})
Print, *(filter.points)
```

Cheers,

David

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