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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