Subject: Re: Problem with pointers to structures
Posted by Liam Gumley on Wed, 17 Mar 2004 22:51:17 GMT
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"Tianle Yuan" <tianle@rac3.wam.umd.edu> wrote in message
news:c3aho3$8fj$1@grapevine.wam.umd.edu...
> This bothers me for quite a while and I still can't figure out why it
doesn't work.
>
> Pro A
> .
> .
> str = {f1:..,f2:..,...}
> str_ptr = ptr_new(str)
> .
> .
> widget_control,...,set_uvalue = str_ptr
> .
> .
> end
>
> Pro A_sub,event
> .
> widget_control,...,get_uvalue= str_ptr
> temp = *str_ptr
> temp.f1 = ...
>
> end
>
> When I excute it, it says 'expression must be a structure in this
> context:temp'. But according to Gumley's book, this should work fine.
> Any comments?

When implemented correctly, as shown in the example programs in the book
(e.g., wgetname.pro and wpaint.pro in Chapter 9), this technique works just
fine.

If this technique does not work in your code, I suspect there is something
wrong with your code. However, you have not provided enough of your code for
inspection. You might want to try shortening your program to the minimum
number of lines that reproduces the error. This process may well fix the bug
in your code. Otherwise, post the entire program in your next message.

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/

Subject: Re: Problem with pointers to structures
Posted by R.Bauer on Thu, 18 Mar 2004 07:39:54 GMT

Tianle Yuan wrote:
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> doesn't work.
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>
> end
>
> When I excute it, it says 'expression must be a structure in this
>
> context:temp'. But according to Gumley's book, this should work fine.
>
> Any comments?
>
> -TL
>

You did not have said what you like to put on temp.f1


```
IDL> str={f1:1,f2:2}
IDL> ptr=ptr_new(str)
IDL> temp=*ptr
IDL> help,temp,/str
** Structure <82e79ec>, 2 tags, length=4, data length=4, refs=3:
   F1          INT          1
   F2          INT          2
IDL> temp.f1=10
```

IDL> PTR_FREE,ptr

Please try this! Does this work?

Reimar

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Reimar Bauer

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       a IDL library at ForschungsZentrum Juelich
   http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html
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