
Subject: Re: Structure field concatenation

Posted by [Amara Graps](#) on Wed, 06 Sep 2000 13:31:23 GMT

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(at the risk of being the only one here who still hasn't figured this out)

David Fanning wrote:

>

> Amara Graps (Amara.Graps@mpi-hd.removethis.mpg.de) writes:

> The problem here, Amara, is not that the second pointer is
> overwriting the definition of the first pointer. It is that
> the second pointer **IS** the first pointer! And you have
> re-defined what it points to.

I appreciate your answer, but then I am back to the same error I inquired about a couple of weeks ago, i.e.:

If I do this:

```
thisstruc = {orbit:",freq:ptr_new()}
```

instead of this:

```
thisstruc = {orbit:",freq:ptr_new(/allocate_heap)}
```

I get this error when I start to create an array of structures and fill it:

```
periodcube = replicate(thisstruc,1)
```

```
periodcube(0).orbit = 'G2'
```

```
*periodcube(0).freq=DINDGEN(100) ;first pointer array is len 100
```

```
% Unable to dereference NULL pointer: <POINTER (<NullPointer>)>.
```

So since my pointer problem from yesterday was that I was pointing to the same heap, I tried creating separate structures to concatenate:

```
thisstruc1 = {orbit:",freq:ptr_new(/allocate_heap)}
```

```
thisstruc2 = {orbit:",freq:ptr_new(/allocate_heap)}
```

And then I can't concatenate:

```
% Conflicting data structures: TEMPPERIOD,concatenation.
```

I seem to be living in an oscillating universe. :-(

Amara

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***** ***

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"Never fight an inanimate object." - P. J. O'Rourke
