
Subject: Re: Q: pointers inside of an array of structures?
Posted by [Ivan Zimine](#) on Wed, 16 Aug 2000 07:00:00 GMT
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Amara Graps wrote:

```
>  
> IDL> thisstruc = {orbit:"", freq:ptr_new()}  
> IDL> periodcube = replicate(thisstruc,1)  
>  
> ;Put values into the structure  
> IDL> periodcube(0).orbit='G2'  
> IDL> *periodcube(0).freq=DINDGEN(50)  
> % Unable to dereference NULL pointer: <POINTER (<NullPointer>)>.  
> % Execution halted at: $MAIN$
```

x = ptr_new() doesn't create a new heap variable so you can't assign anything to *x

you should try with:

```
IDL> thisstruc = {orbit:"", freq:ptr_new(/alloc)}
```

or with some value

```
IDL> thisstruc = {orbit:"", freq:ptr_new(!values.f_nan)}
```

Ivan

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