
Subject: Re: help with structure

Posted by [David Fanning](#) on Wed, 31 Mar 2010 21:40:52 GMT

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Sumit writes:

> I want to create a structure with 2 fields. The fields need to be of
> variable length. I need to have 'n' such structures, where 'n' is
> scalar number. To address the issue of variable length field, I create
> pointers for each field(pointing to variable temp for initialization)
> as shown below:
> mystruct={l1:ptr_new(temp), l2:ptr_new(temp)}
> I don't know how to create copies of this structure. Replicate
> doesn't work as I guess it creates shallow copy.

What do you mean it "doesn't work"?

```
IDL> mystruct={l1:ptr_new(temp), l2:ptr_new(temp)}
IDL> a= replicate(mystruct, 100)
IDL> help, a
A          STRUCT   = -> <Anonymous> Array[100]
IDL> a[50].l2 = Ptr_New(findgen(11))
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
