
Subject: Re: help with structure

Posted by [penteado](#) on Wed, 31 Mar 2010 21:49:13 GMT

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On Mar 31, 6:40 pm, David Fanning <n...@dfanning.com> wrote:

> 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))

I suppose he means that by doing that, after the replicate(), all elements of a point to the same two heap variables. There is no way around it, he needs to loop on the elements to set the pointer on each one to point to something new.
