
Subject: nested structures

Posted by [hannah_ue](#) on Mon, 27 May 2013 12:04:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi there,

I have some questions about nested structures, i.e. if what I want is possible. I should say that I'm not familiar with pointers.

What I would need is an array of structures (which I know how to build) with one of the tags being another array of structures which should have different lengths, not known in the beginning.

I assume that I need pointers for this, but I do not understand how to assign certain values in this nested structure.

I also do not understand, how (or if?!) I can extend the nested structure.

So far, I have something like this:

```
struct1 = {A, tag_a1:0L, tag_a2:ptr_new(/allocate_heap)}  
struct2 = {B, tag_b1:0.0, tag_b2: 0.0}  
*struct1.tag_a2 = struct2
```

```
strlist = replicate({struct1}, 10)  
strlist.tag_a2 = ptrarr(n_elements(struct1), /allocate)
```

Is this meaningful?

How can I replicate struct2 for one of the struct1's?

How can I assign a value in here, say tag_b2 = 1.5?

Should I better work with lists?

Thanks a lot for your help and clarifying!

Hannah
