
Subject: Re: Create new arrays from series of subsequent integers in an existing array

Posted by [vorticitywolfe](#) on Tue, 23 May 2006 22:11:39 GMT

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Thank you both for your help! In regards to JD's saving the output arrays with pointers... I have never used pointers and believe this is a case in which they are necessary.

After writing a long, drawn out explanation of where I was stuck with pointers I ended up figuring them out. Just in case anyone new to pointers wants to know how to get variables from an example such as the above threads, use something like this:

```
x= ptrarr(3)
```

```
for i = 1L, n_elements(h) - 1L do begin  
    t=ri[ri[i]:ri[i+1]-1]  
    x[i] = PTR_NEW( t,/allocate_heap )  
endfor
```

```
print,*x(2)
```

and you will have your varying size arrays of a larger array segmented into different subscripts of x.

I'm sure there may be a better way to do this, but it makes sense to me.
