
Subject: Inserting pointer results in an array
Posted by [nolan.smith1](#) on Tue, 22 Aug 2006 17:35:12 GMT
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Hello,

I was wondering if anyone has a suggestion about a problem that I have.
I have an array of star positions (ra,dec) that I want to know whether
they satisfy specific criteria. The number of specific criteria is 40.
I am using pointers to find which stars satisfy the criteria each time.

```
find=ptrarr(40)
FOR i=0,39 DO BEGIN
    find(i)=ptr_new(where(CRITERIA))
ENDFOR
```

I want to store the results of all the different criteria in one array:
final_array=[*find[0],*find[1],*find[2],.....,*find[38],*find[39]]

Is there any other way to do that using a loop?

Thank you for the help,
NS

Subject: Re: Inserting pointer results in an array
Posted by [Nicolas Decoster](#) on Wed, 23 Aug 2006 16:06:16 GMT
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nolan.smith1@gmail.com a ½crit :

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> Is there any other way to do that using a loop?
>
> Thank you for the help,

> NS
>

try something like:

```
final_array = *(find[0])  
FOR i=1,39 DO BEGIN  
    final_array = [final_array, *(find[i])]  
ENDFOR
```

Subject: Re: Inserting pointer results in an array
Posted by [nolan.smith1](#) on Thu, 24 Aug 2006 19:14:08 GMT
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Thank you. That worked perfectly!

NS
