
Subject: Pointer Type Question

Posted by [IDLmastertobe](#) on Sun, 27 Nov 2005 09:25:25 GMT

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I am implementing something that can keep a copy of original data and reuse the original data later on.

```
if(size(ydata, /n_dimensions) eq 3) then begin
if(!firsty eq 1) then begin
*yarr = ydata
!firsty=0
endif
ydata = smooth(*yarr, [1, !smo, !smo])
oyimage->SetProperty, data = ydata
endif
```

ydata has the original data I want to keep. After the first iteration, ydata will be overwritten. Therefore, I am trying to get ydata to be copied by *yarr in the first iteration and afterwards I will "reload" *yarr into ydata so that the original data will be used every time. since I have no information in advance about the size of the ydata, I am using a dynamic variable that can copy ydata regardless type and size. I am using pointer, and I declare the *yarr point in a function that calls the above procedure as follows:

```
yarr = ptr_new(/allocate_heap)
```

but i get a error message "Pointer type required in this context: YARR."
Does anyone know why? Thank you for your time.
