
Subject: Re: Array of arrays

Posted by [Fritz](#) on Thu, 23 Feb 2006 16:31:38 GMT

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One (hopefully) last question...

I have the following code:

```
nb_classes = 3
references = ptrarr(nb_classes)
for i=0, nb_classes-1 do begin
  nb_samples = 5
  list_samples = ptrarr(nb_samples)
  for j=0, nb_samples-1 do begin
    data = indgen(21,19,4)
    list_samples[j] = ptr_New(data)
  endfor
  references[i] = ptr_new(list_samples)
endfor
```

This code is simplified because for each class, the number of samples may vary and also the size of data.

The question is:

How do I retrieve the data, let say, for sample 3 of class 2 ?

In the previous example,

```
> t = PtrArr(3)
> t[0] = Ptr_New(intarr(2,5,4))
> t[1] = Ptr_New(intarr(6,5,4))
> t[2] = Ptr_New(intarr(7,8,4))
```

(*t[1]) allows to acces the second element

(*t[1])[*,*,2] allows to acces the third band of the second element.

But in the code above ?

I tried

```
> dat = (*references[0])(*liste_samples[1])
but dat is not the same as data.
```

others...

"David Fanning" <davidf@dfanning.com> wrote in message
news:MPG.1e677a7dc69e8a26989ba0@news.frii.com...

> Fritz writes:

>
>> What happens if I save the array T ?
>>
>>> save, filename='Tarray.sav', T
>>
>> Does the content of T is saved ? I mean do the three arrays inside T are
>> saved ?
>> Does the restore command
>>> restore, 'Tarray.sav'
>> brings back the initial information ?
>
> I take it you are not an empiricist. :-)
>
> Yes, everything is saved and restored properly.
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
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> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
