Subject: Re: idl_conatiner::get and position Posted by btt on Mon, 28 Feb 2005 15:16:53 GMT

View Forum Message <> Reply to Message

```
David Fanning wrote:
> Ben Tupper writes:
>
>
>> When GETting objects in a container the POSITION keyword specifies the location
>> of the objects needed. But they aren't returned in that order. They are
>> returned in the order they are stored (first in - first out).
>>
>> Is there a way around this other than writing a method override?
>
> We have run into this problem, too. Our sub-classed container
> can either be normal or "indexed", in which case when you
> remove something from a container it is replaced by a null
> object, so that the position of the other objects in the container
> is preserved.
>
Interesting. I haven't had the need to preserve the space occupied by a removed
object.
Here's how I think I'll handle to first-in first-out ordering (or at least
something like this.)
FUNCTION myContainer::Get, $
  COUNT = count. $
  NOSORT = nosort, $
  POSITION = position, $
  EXTRA = extra
nP = n elements(position)
If keyword_Set(NoSort) AND (nP GT 1) Then Begin
    arr = objarr(nP)
    For i = 0, nP-1 Do $
arr[i] = self->Get(position = position[i], _EXTRA = extra)
    count = nP
EndIf Else Begin
    arr = $
self->IDL_CONTAINER::Get(position = position, $
 COUNT = count, EXTRA = extra)
EndElse
```

Return, arr END

Thanks, Ben