
Subject: Re: dereferencing a pointer to an object array
Posted by [David Fanning](#) on Fri, 08 Nov 2002 00:12:05 GMT
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Brent Griffith (Brent_griffith@nrel.gov) writes:

```
> What is the trick to dereferencing a pointer to an Object array? I
> want to keep track of an array of object references in another object.
> I don't know how many until runtime so I use a pointer to the object
> array and store that in the managing object. But when I go to access
> the thing, by dereferencing the pointer, the object array has the
> right size but all the objects are null.
>
> here is how I create and store the object array
>
> ZoneGroupObjs = objArr(self.numGroups)
> For i = 0, self.numGroups-1 do begin
>   ZoneGroupObjs[i] = obj_new('ZoneGroup')
> endfor
> self.ZoneGroupObjs = ptr_new(ZoneGroupObjs)
>
> Then to access the objarr inside another method..
>
> theseGroupObjs=*self.ZoneGroupObjs
>
> But it doesn't work! Why?
```

This is really off the wall, but I'll bet it doesn't work because you are forgetting to return a 1 from your INIT method. (Maybe your INIT method is a procedure instead of the required array.) But there is nothing wrong with the code. Look elsewhere. :-)

Cheers,

David

--

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Subject: Re: dereferencing a pointer to an object array
Posted by [Pavel A. Romashkin](#) on Fri, 08 Nov 2002 23:38:03 GMT

I think David is right. Try stepping into the loop in your debugger, and make sure your Obj_New returns valid objects and populates the array. One thing that draws my attention here:

```
> self.ZoneGroupObjs = ptr_new(ZoneGroupObjs)
```

You only do this once per session, right?

Cheers,

Pavel

Brent Griffith wrote:

```
>
```

```
> greetings,
```

```
>
```

```
> What is the trick to dereferencing a pointer to an Object array? I
```

```
> want to keep track of an array of object references in another object.
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> I don't know how many until runtime so I use a pointer to the object
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> right size but all the objects are null.
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```
>
```

```
> here is how I create and store the object array
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```
>
```

```
> ZoneGroupObjs = objArr(self.numGroups)
```

```
> For i = 0, self.numGroups-1 do begin
```

```
>   ZoneGroupObjs[i] = obj_new('ZoneGroup')
```

```
> endfor
```

```
> self.ZoneGroupObjs = ptr_new(ZoneGroupObjs)
```

```
>
```

```
> Then to access the objarr inside another method..
```

```
>
```

```
> theseGroupObjs=*self.ZoneGroupObjs
```

```
>
```

```
> But it doesn't work! Why?
```

```
>
```

```
> Thanks!
```

```
>
```

```
> Brent
```
