
Subject: Re: Puzzling over inherited objects

Posted by [Helder Marchetto](#) on Tue, 04 Jun 2013 22:10:40 GMT

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On Tuesday, June 4, 2013 11:51:47 PM UTC+2, Helder wrote:

> Hi,

>

> I'm quite new to using objects and wanted to do a bit more with what I have been doing until now (not much anyway...). So here is the deal.

>

> I want to create an object that incorporates (inherits?) the a typical object such as IDLanROI. So that the structure definition would look like this something like this:

>

>

>

> class = {MyRoiObj, INHERITS IDLanROI, IDNr:0L}

>

>

>

> where I simply added an ID to each IDLanROI. I still want to have all the functionality of the methods associated with IDLanROI.

>

>

>

> The problem is: how would I assign the object (properties of) IDLanROI to my new object in the init function? I guess (and I'm quite sure) that something like

>

> self = obj_new('IDLanROI')

>

> or

>

> void = obj_new('IDLanROI')

>

> struct_assign, self, void

>

>

>

> will not work. So the only solution I see at the moment is to create the structure as:

>

>

>

> class = {MyRoiObj, IDLanROI_ref:OBJ_NEW(), IDNr:0L}

>

>

>

> And then in the init or whereelse, assign the object as:

>

> self.IDLanROI_ref = obj_new('IDLanROI')

>
>
>
> So here is the question... is there a better way to do this? Ideally objects are made with inheritance... I simply can't find a way to use that in my case.
>
>
>
> Any suggestions?
>
>
>
> Thanks,
>
> Helder

Ok... I did my homework and found the answer in "IDL Programming Techniques". I need to call in my init method the init method of the superclass object.

```
ok = self->IDLanROI::init()
```

This did it.

I also checked, and I'm quite happy of that, I can use DRAW_ROI on the subclass object.

Thanks David for giving me the answer (in a book...).

Cheers,
Helder

Subject: Re: Puzzling over inherited objects
Posted by [David Fanning](#) on Tue, 04 Jun 2013 22:24:55 GMT
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Helder writes:

> Thanks David for giving me the answer (in a book...).

Saves me a lot of time. ;-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
