
Subject: Re: IDL8 CWO issue

Posted by [Michael Galloy](#) on Tue, 07 Sep 2010 16:21:09 GMT

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On 9/7/10 8:10 AM, Larry Kneller wrote:

> Hi All,
>
> I found this "bug" that appears in some of my code now, and describing
> it may be a little confusing.
> In what follows I refer to a function called "class_name()" that I use
> to create an instance of the class
> "class_name" that is defined in class_name__define.pro.
>
> I have a lot of object compound widgets where I make a function that
> (for clarity) has the same name as my compound widget class, and it
> returns the widget_id:
>
> id = class_name(obj=obj, etc)
>
> Here I use the keyword "obj" to get the instance of my class called
> "class_name" that is created
> in the obj_new('class_name',...) call in the widget creation function
> called "class_name".
>
> Now, in IDL8 when I call the widget_creation function "class_name",
>
> id=class_name(obj=obj,etc.)
>
> this is a direct call to "class_name::init" method in my
> class_name__define program, and if
> the call does not throw an error, instead of returning a widget id it
> returns an object reference!!!
>
> For now, my solution to deal with this is to keep the name of the
> widget creation function the same and
> change the name of the class to "class_name_class"
> so that my calls to the widget creation function (that are peppered
> throughout my applications)
> are left untouched and I can fix this in one place per incident.

It sounds like you have a workaround for this already, but in case you are still looking for suggestions I think I would add an `identifier` property::

```
cwObject = class_name(identifier=id, ...)
```

Mike

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