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Subject: Re: Object as a member to object/class  
Posted by Michael Galloy on Tue, 12 Feb 2008 21:57:24 GMT  
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On Feb 12, 1:45 pm, Sven Utcke <[utcke+n...@informatik.uni-hamburg.de](mailto:utcke+n...@informatik.uni-hamburg.de)> wrote:

> I'm plainly too stupid for the following: I would like to have an  
> object as a member to a second class. I.e. I have something like  
> this:

>

> PRO MODBUS\_\_DEFINE  
>     struct = { MODBUS, Host:"hasgkssccdkal.desy.de", Port:502, tid:0L }  
> END

>

> and, later on,

>

> PRO GKSSBC\_\_DEFINE  
>     struct = { GKSSBC, Con:Obj\_New(), addr:'4020'XL, Factor:1.0, Steps:200, Micro:6  
> }

> END

>

> Now, I would \_like\_ to do something like

>

> FUNCTION GKSSBC::INIT, addr = addr, factor = factor, con = con  
>     IF KEYWORD\_SET(addr) THEN self.Addr = addr ELSE self.Addr =  
'4020'XL  
>     IF KEYWORD\_SET(factor) THEN self.Factor = factor ELSE self.Factor = 1.0  
>     IF KEYWORD\_SET(con) THEN self.Con = con ELSE self.Con =  
obj\_new("modbus")  
>     return, 1  
> END

>

> But even just doing

>

> FUNCTION GKSSBC::INIT  
>     self.Con = obj\_new("modbus")  
>     return, 1  
> END

>

> does't wor at all in IDL 6.4 (it results in something like:  
>

> % Object reference expression not allowed in this context: <OBJREF  
>     (<ObjHeapVar38(MODBUS)>).  
> % Execution halted at: GKSSBC::INIT   13  
>     /afs/desy.de/user/u/utcke/src/Modbus/gkss9100C.pro  
> %           OBJ\_NEW  
> %           \$MAIN\$

>

> So how does this really work?

>

> Any help appreciated!

Your code works for me. The only thing I can think of is that you might have changed the definition of self.con without .reset-ing or exiting IDL?

Mike

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