
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> 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
>
> doesn'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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