
Subject: Object as a member to object/class

Posted by [Sven Utcke](#) on Tue, 12 Feb 2008 20:45:59 GMT

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Hi,

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 work 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!

Sven

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Dr.-Ing. Sven Utcke
/ _ | / / _ | _ | phone: +49 40 8998-5317 | \ | _ / _ \ \ / / _
| (| ' < \ _ \ _ \ fax : +49 40 8994-5317 (NEW) |) | _ | _ \ \ V /
 \ _ | _ | \ _ \ _ | _ / http://www.desy.de/~utcke (to come) | _ / | _ | _ / | _ |
