
Subject: Re: Copying IDL objects

Posted by [davidf](#) on Fri, 02 Oct 1998 07:00:00 GMT

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Hi Folks,

I wrote just a couple of minutes ago:

```
> This seems like a lot of work. I think I would write this
> function something like this:
>
> PRO My_Obj::Copy, out
>   tags = N_Tags(self)
>   For j=0,tags-1 DO out.(j) = self.(j)
> END
```

Mark Rivers kindly points out to me that this doesn't work, for the simple reason that self is not a structure (even though it can be accessed as if it were a structure in a method). Thus, N_Tags returns a 0.

To make it work, I have to do this (with a bit of error checking too :-):

```
PRO My_Obj::Copy, out
  selfClass = Obj_Class(self)
  outClass = Obj_Class(out)
  IF selfClass NE outClass THEN BEGIN
ok = Dialog_Message('Object classes not identical.')
  RETURN
  END
  ok = Execute('struct = {' + selfClass + '}')
  tags = N_Tags(struct)
  For j=0,tags-1 DO out.(j) = self.(j)
  END
```

Cheers,

David

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