Subject: Re: It seems that there is \*a bit\* polymorphism in IDL. Posted by David Fanning on Thu, 12 Aug 2004 03:05:49 GMT View Forum Message <> Reply to Message

## David Fanning writes:

- > Amen to this! In fact, generalized GetProperty functions
- > are so easy to write and so useful for obtaining any \*single\*
- > object property, that \*all\* your objects should have one, along
- > with the usual GetProperty procedure. :-)

>

http://www.dfanning.com/tips/getproperty.html

OK, IDL 6.1 arrived this afternoon, so here is a programming quiz for all of you who are not currently Members in Good Standing with IEPA (http://www.dfanning.com/misc\_tips/iepa.html). (This includes all of you who have forgotten to pay your dues this month.)

Use the SCOPE\_VARNAME function with the REF\_EXTRA keyword to write a short general purpose GETPROPERTY \*procedure\* method that'll return any member variables referenced via keyword names

```
o -> GetPoperty, member_1 = member_1, member_2 = member_2, etc.
```

where object "o" has fields

```
self.member_1 self.member_2 etc.
```

Now you don't need a separate, functional, form of GetProperty!

The usual case of Bavarian Beer for the first correct answer. :-)

Cheers.

David

P.S. Entries will be stamped with a UTC time stamp by the US Naval Observatory as they arrive, unless a small check accompanies the entry, etc.

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Coyote's Guide to IDL Programming: http://www.dfanning.com/