Subject: Re: Are user-defined private methods possible? Posted by Foldy Lajos on Wed, 08 Jul 2009 18:56:11 GMT

View Forum Message <> Reply to Message

>

On Wed, 8 Jul 2009, Paul van Delst wrote:

- > As the subject states, are user-defined private methods possible in IDL?
- > I have some object methods that I want to be private to the class (like Init
- > and Cleanup) but I can't find any info on how to do that in the IDL help.
- > Once the methods in question are invoked (and, thus, compiled) in a public
- > method, they're accessible from outside the class.

You can not prevent calls to your "private" methods, but you can check whether the caller is a method of your class or not:

```
; cut here, copy to test.pro and .ru test
pro o::private
catch, stranger
if stranger ne 0 then $
begin
   catch, /cancel
   goto, prn
endif
if not obj_isa((scope_varfetch('self', level=-1)), 'o') then stranger=1
prn:
if stranger ne 0 then print, 'private call failed' $
            else print, 'private call succeeded'
end
pro o::public
self->private
end
s=\{0, i:0\}
o=obj new('o')
print, 'calling private from class method:'
o->public
print, 'calling private directly:'
o->private
end
; cut here
```

regards, lajos