
Subject: Re: Error in Object

Posted by [David Fanning](#) on Thu, 03 Nov 2005 17:05:41 GMT

[View Forum Message](#) <> [Reply to Message](#)

shi_lee@hotmail.com writes:

> Hi, i am trying to set property of a IDLgrView, but i received an error.
> The code is as follows:
>
> pro demo_draw, state, oWindow, oView, debug=debug
>
> oView property is something i want to change. and I received an error:
> "Object reference type required in this context: OVIEW.". If instead of
> having [100,100,100] as the color, i use [state.BR, state.BB, state.BG],
> which are data saved in state structure, i receive another error:
> "Object instance data is not visible outside class methods: STATE". Does
> anyone know why? Thank you.

My guess is that you have mixed up the order in which
you passed the positional parameters to DEMO_DRAW. I think
your "state" is really the "oView", and visa versa.

Cheers,

David

P.S. Are you sure you are ready for object graphics? Lots
of complicated programming is going to have to be done there. :-)

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Subject: Re: Error in Object

Posted by [IDLmastertobe](#) on Thu, 03 Nov 2005 23:49:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

thank you Dr.Fanning, could you explain in a little more detail. I am
pretty unfamiliar with this area. Should I switch oview with state when
passing the parameters? I tried, but still does not work. Thanks.

Subject: Re: Error in Object

Posted by [David Fanning](#) on Fri, 04 Nov 2005 02:32:54 GMT

shi_lee@hotmail.com writes:

> thank you Dr.Fanning, could you explain in a little more detail. I am
> pretty unfamiliar with this area. Should I switch oview with state when
> passing the parameters? I tried, but still does not work. Thanks.

Well, obviously, I can't tell exactly what you are doing wrong without examining the code (and I don't examine code, as a rule, unless someone is forking over some money), but from the kind of errors you were getting it is clear that you don't have what you think you have. I thought there was a reasonably good chance you had confused one variable with another.

I think you should learn how to set breakpoints in your code so that you can stop and examine variables yourself. This is a standard programming practice and everyone should know how to do it. I've been teaching a beginning programming class this week, and you have to hammer on some of these people to even look at the error message so they know what line in their program caused the error! (And I swear some of the antique text editors they use don't even have a way to go to the line that caused the error! Sheesh! It's like trying to hit a tennis ball blindfolded.)

But, that is neither here nor there. Just poke around in there until you understand what is going on. I did get a sense that maybe you were a little inexperienced in this business. Object graphics code is probably not the best place to start learning, under the circumstances. Is there a particular reason you have started there?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
