
Subject: Re: Object programming error in non-object program

Posted by [Bill Nel](#) on Thu, 21 Jun 2012 17:34:12 GMT

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

On Jun 21, 1:28 pm, David Klassen <klas...@rowan.edu> wrote:

> This is frustrating me because my IDL skills are at the IDL 5.0 level, but since ITT won't allow me to simply move software, I have to re-buy each time I get a new machine, I have IDL 8...

>

> The program is a massive thing and mostly works fine but every now and again (and I can't find a reason---but it seems to happen if I recompile the program) I get this error:

>

> % Object reference expression not allowed in this context: <OBJREF

> (<ObjHeapVar16(LIST)>)>.

>

> and I have no clue what it means. The program was written in IDL 3, and last updated under IDL 5 so there are no object oriented programming statements.

>

> The crash happens on:

```
>     for ii=0l,n_list-1 do oplot,$  
>         [new_vecs(list(ii),i)],[new_vecs(list(ii),j)],$  
>         psym=pssym,color=k_col(list(ii))
```

LIST is a function since IDL 8.0 -- you need to rename your LIST array variable. (Using square brackets to index arrays instead of parenthesis might help temporarily, but it's probably not a great solution.)
