Subject: Re: Oject programming error in non-object program
Posted by David Klassen on Thu, 21 Jun 2012 18:29:41 GMT
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On Thursday, June 21, 2012 1:34:12 PM UTC-4, Bill Nel wrote:
> 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.)

Thank you! (and D Fanning)

This was driving me nuts. Odd thing: it works *most* of the time...

Ugh; so now I've got to comb through a few thousand lines of code (well, OK, global search and replace—and hope that doesn't break something else) and change my variable name.