
Subject: Re: Ghost object

Posted by [Martin Schultz](#) on Wed, 16 Aug 2000 07:00:00 GMT

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Craig Markwardt wrote:

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>
> I don't really know IDL objects from my oss, but it sounds like some
> *other* compiled IDL function or method was creating the font object.
> If by any chance you edited the source but forgot to recompile it,
> then this could have happened. When you restart the IDL session then
> it finally was recompiled anew.
>
> I do this kind of thing once in a while (edit but forget to compile),
> and it leaves me very confused. However, you say you were
> recompiling, so that doesn't seem like the right solution. Oh well.
>
> Craig
>
> Pavel Romashkin <promashkin@cmdl.noaa.gov> writes:
>> Hi,
>> I have just lost an hour and a half trying to find a heap leak in my
>> code. It is a simple object graphics, universal replacement for PLOT but
>> with zoom, edit etc. capabilities. Anyway, once I kill the plot window,
>> a cleanup routine is called that does total sweep of the heap variables
>> by looping through object fields and destroying objects and pointers.
>> Once its done, I'd call our favorite Heap_gc to see if there was a leak.
>> Sure enough, it was always finding and deleting an instance of
>> IDLGRFONT. I tried everything I could: commented out the only line where
>> IDLGRFONT was used, tried all sorts of explicit object destruction
>> immediately after creation, etc. I felt it was not my fault, so I tried
>> "Clear IDL" and .Reset, and .Full_reset. Same thing: once I recompile,
>> run and kill the object tree, IDLGRFONT would still always be found by
>> Heap_gc. It was not a fake, as its heap ID would be always higher each time.
>> Frustrated, I quit IDL and restarted. What do you think? It stopped
>> doing that. I swear the code is the same, because I went through every
>> single line checking it, saved it, tried it, got a leak and quit IDL.
>> But after restart IDLGRFONT stopped appearing in the heap.
>> I have no idea what it was, but it certainly complicated my leak search.
>> Does anybody have an explanation?
>> Thanks,
>> Pavel
>
> --
> -----
> Craig B. Markwardt, Ph.D.      EMAIL:  craigmnet@cow.physics.wisc.edu
> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
> -----
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Martin

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