
Subject: Re: Problem Accessing Shared Objects
Posted by [Nigel Wade](#) on Fri, 11 Jan 2008 09:19:41 GMT
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David Fanning wrote:

> David Fanning writes:
>
>> I had an occasion today to access a shared object library
>> on a UNIX machine. This worked correctly in IDL 6.3, but
>> completely crashed IDL 7 when I tried to access it today.
>>
>> I've looked on my web page, and in the IDL newsgroup
>> archives for information, but have completely struck out.
>> And yet, I vaguely recall something about some kind of
>> header file in IDL changing in the transition from IDL 6.3
>> to 6.4, and need for re-compiling, etc. It's just not
>> coming in clearly.
>>
>> We have tried re-compiling the SO, but we haven't yet
>> been successful in not crashing IDL. Am I dreaming, or
>> does someone else remember something about this?
>
> This turned out to be (who would have guessed!?) a
> programming error. And for years we have been lucky,
> I guess.
>
> Anyhow, in case anyone is following this, we weren't
> using the built-in IDL string handling functions.
> In our case, we had to change this code:
>
> gcs->gpd_filename.s = grid->gpd_filename;
> gcs->gpd_filename.slen = strlen(grid->gpd_filename);

From my dim and hazy memory, wasn't that the IDL 5 way of doing things? In IDL 5 you had to mess with the contents of the IDL_STRING structure directly.

I'm just off to check my old code to see if I still have any of those constructs left...

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