
Subject: Re: problem with DLM using external DLL
Posted by [Michael Galloy](#) on Tue, 08 Sep 2015 16:37:15 GMT
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On 9/8/15 10:20 AM, superchromix wrote:

>
> hi,
>
> I've created a DLM in which I make calls to other functions stored in
> other DLL files. Let's say that my dlm consists of the following
> files: MYDLM.DLM and MYDLM.DLL. Within MYDLM.DLL, there is a call
> to a function that resides within the SECOND.DLL library.
>
> I try to load my dlm with the following command:
>
> DLM_LOAD, 'C:\mypath\MYDLM.DLM'
>
> This fails with the following error:
>
> % DLM_LOAD: Error loading sharable executable. Symbol: IDL_Load, File
> = C:\mypath\MYDLM.dll The specified module could not be found. %
> Execution halted at: \$MAIN\$
>
> However, everything loads correctly and works fine IF I copy the file
> SECOND.DLL into the binary directory of IDL, meaning the same
> directory in which idl.exe resides.
>
> Why can't IDL find the SECOND.DLL, which is referenced in MYDLM.DLL?
> In this case SECOND.DLL is in the same path as MYDLM.DLL, i.e.
> 'C:\mypath\'.
>
> Adding C:\mypath\ to the IDL_DLM_PATH or to IDL_PATH does not help.
>
> Does anyone have a suggestion? Copying the SECOND.DLL file to the
> IDL root directory does not seem like a good solution.

I believe on Windows (I am not a Windows expert!) that the PATH environment variable also is used as the equivalent to LD_LIBRARY_PATH. So you should be able to add the directory of second.dll to your PATH (via the Control Panel on Windows) and then it will be found.

I agree copying second.dll to the IDL directory is a bad idea, but check out all the stuff that is probably in your C:\Windows\System32 directory some day.

Mike

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Michael Galloy

