
Subject: problem with DLM using external DLL
Posted by [markb77](#) on Tue, 08 Sep 2015 16:20:33 GMT
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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.

thanks
Mark
