
Subject: Dynamic Linking

Posted by [jeff1101](#) on Thu, 24 Nov 2005 03:32:46 GMT

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I am trying to load a DLL file created in Visual C++ ver. 6. using a DLI file. Here is my file name xdb.dli

```
FN(void, InitXDB, (const char *DSNname, bool bUseConnString))
FN(void, CloseXDB, ());
FN(int, ExecuteSQL, (char *SQLstmt))
FN(void, QuerySelect, (const int ColNum, const int QueryID, char *pValue, char *pName))
FN(void, QueryNext, (const int QueryID))
FN(void, CloseQuery, (const int QueryID))
FN(void, BeginTrans, ())
FN(void, EndTrans, ())
FN(long, GetColumnSize, (const int QueryID))
FN(bool, QueryEnd, (const int QueryID))
```

I added the following to the .cpp that will use the DLL (at the topmost, after all my includes, etc.)

```
#define DLLFILENAME "XDB.dll"
#define DLIMODULE xdb
#define DLIHEADER <Test/xdb.dli>
#define DLLCALL LNPUBLIC
#include <Core/dli.h>
```

However during compile I keep getting:

```
d:/MyApps/Test/xdb.dli:1: error: expected `)' before "InitXDB_type"
d:/MyApps/Test/xdb.dli:1: error: ISO C++ forbids declaration of `InitXDB_type' with no type
```

Do you have an example code using the DLI for dynamic linking I can reference? Thanks...

Subject: Re: Dynamic Linking

Posted by [mirek](#) on Thu, 24 Nov 2005 09:39:42 GMT

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My `_guess_` is that you do not have defined LNPUBLIC at the moment of xdb.dli inclusion.

You can see example of .dli usage in "Oracle" package - it is used to dynamically link with oracle client libraries.

I can create reference example for this, if somebody tells me to which .dll/.so link to, that exists both on Win32 and Linux (or at least has similar functionality).

Subject: Re: Dynamic Linking
Posted by [jeff1101](#) on Thu, 01 Dec 2005 09:20:25 GMT
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Yes you are right. Forgot to thank you for this. Its working now.
