

Unregistering and Registering a Zebra SDK DLL for ZXP Series 7 and Series 8 Printers

Overview

This Application Note contains instructions for registering and unregistering your application's ZXP Series 7 and Series 8 Printers SDK DLL (ZMotifPrinter.dll) to accommodate your application requirements.

The printer SDK is built using COM (Component Object Module) technology. One of the requirements of COM technology is that the DLL be registered with the Windows Operating System of your application. It will not be possible to add the DLL to your software project without first registering the DLL.

Windows allows only one version of a COM DLL to be registered within the operating system. If you intend to build a 64-bit application that was previously a 32-bit application, you must unregister the 32-bit DLL (ZMotifPrinter.dll) before you can register the 64-bit DLL.

Example: if you have registered the 32-bit version of this DLL and wish to now use the 64-bit version, you must unregister the 32 bit ZMotifPrinter.dll and then register the 64-bit version of ZMotifPrinter.dll. Once registered, the 64-bit DLL can be added as a reference to your 64-bit application.

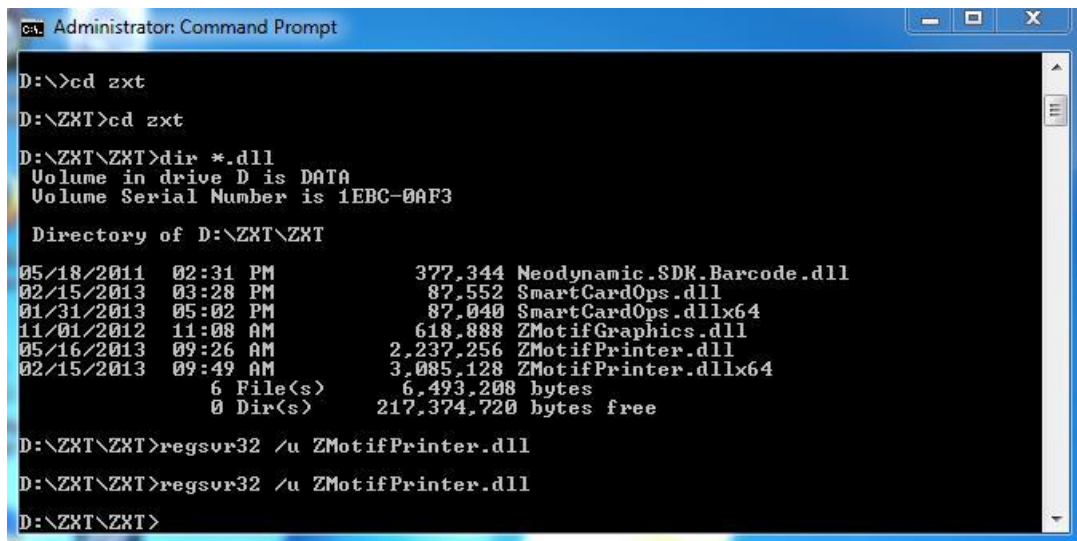
Note: The following procedures contain the steps for unregistering the 32-bit DLL and registering the 64-bit DLL. The steps are the same for 64-bit registering and unregistering of the 64-bit DLL.

Unregistering the 32-Bit DLL from Your Application

Follow these steps to unregister the 32-bit DLL from your application.

1. Go to the Administrator Command Prompt and navigate to the location of your ZMotif SDK.
2. Type **regsvr32 /u ZMotifPrinter.dll**.

In this example, this command-line unregisters the 32-bit .dll file from your project's registry.



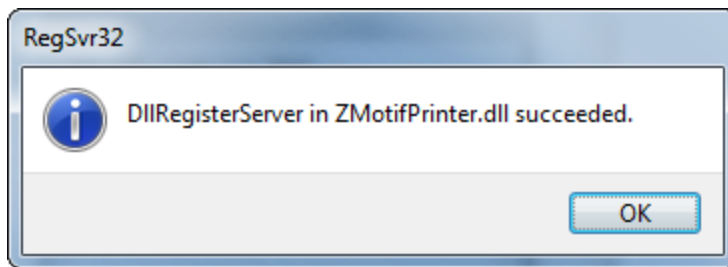
```
Administrator: Command Prompt
D:\>cd zxt
D:\ZXT>cd zxt
D:\ZXT\ZXT>dir *.dll
Volume in drive D is DATA
Volume Serial Number is 1EBC-0AF3

Directory of D:\ZXT\ZXT

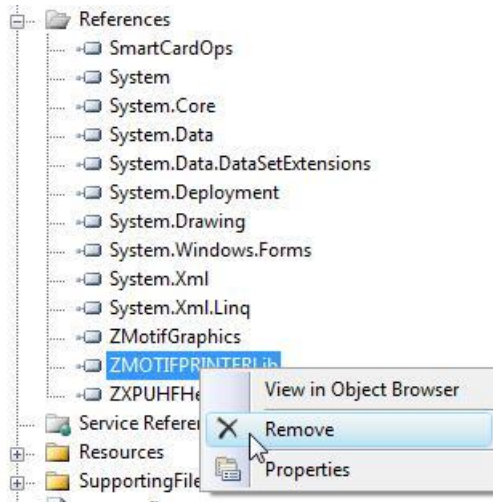
05/18/2011  02:31 PM                377,344 Neodynamic.SDK.Barcode.dll
02/15/2013  03:28 PM                 87,552 SmartCardOps.dll
01/31/2013  05:02 PM                 87,040 SmartCardOps.dllx64
11/01/2012  11:08 AM                 618,888 ZMotifGraphics.dll
05/16/2013  09:26 AM            2,237,256 ZMotifPrinter.dll
02/15/2013  09:49 AM            3,085,128 ZMotifPrinter.dllx64
             6 File(s)              6,493,208 bytes
             0 Dir(s)              217,374,720 bytes free

D:\ZXT\ZXT>regsvr32 /u ZMotifPrinter.dll
D:\ZXT\ZXT>regsvr32 /u ZMotifPrinter.dll
D:\ZXT\ZXT>
```

If you successfully unregistered the 32-bit DLL, the following dialog appears.



3. Remove the 32-bit DLL reference in your project.



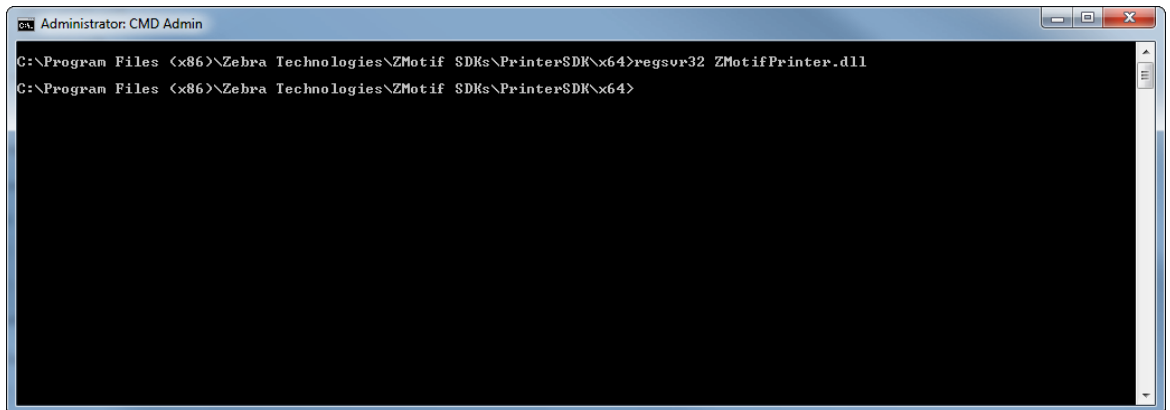
You have unregistered the 32-bit DLL from your application.

4. Change your application's build configuration to 64-bit.

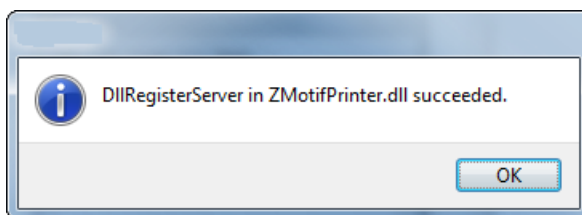
Registering a 64-Bit DLL to Your Application

Follow these steps to register the 64-bit DLL.

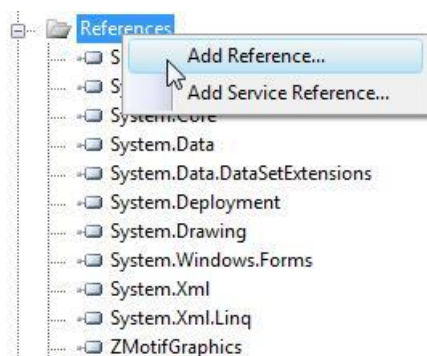
1. Go to the Administrator Command Prompt and navigate to the location of your ZMotif SDK.
2. Type **regsvr32 /u ZMotifPrinter.dll**.
3. Register the 64-bit DLL, as the following dialog illustrates.

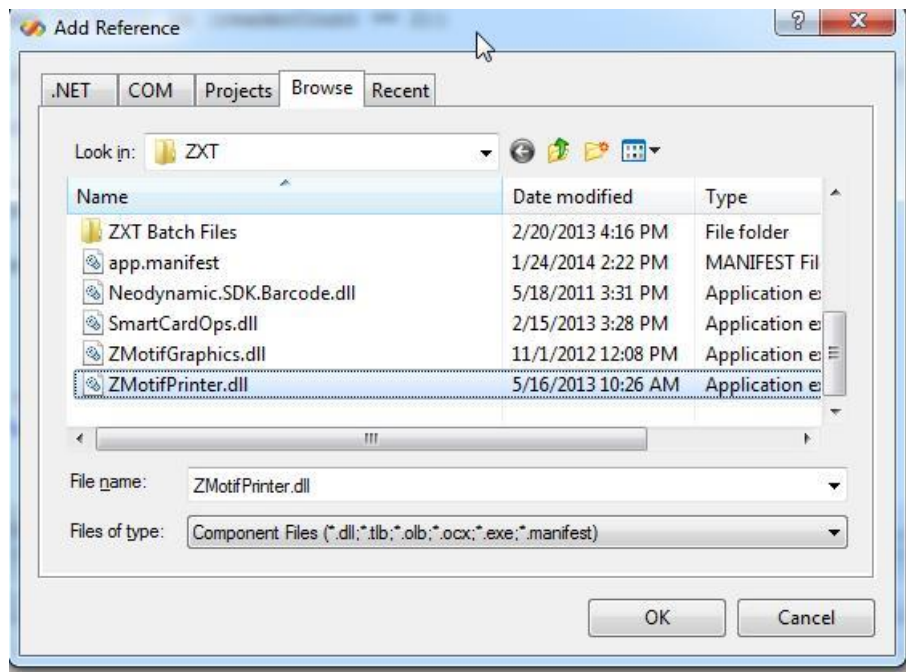


If you are successful, the following dialog appears.



4. Change your application's build configuration to 64-bit.
5. Add the 64-bit DLL as a reference to your project.





6. Rebuild your project with the 64-bit DLL.

Document Control

Version	Date	Description
1	July 2015	Information about application DLLs

Disclaimer

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