
Subject: Re: Upp .dll

Posted by [nneilson](#) on Mon, 05 Apr 2010 22:41:27 GMT

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Previously, after copying the Java directory, it compiled with:

```
cl -lc:\Java\jdk1.7.0\include -lc:\Java\jdk1.7.0\include\win32 -MD -LD HelloWorld.c
-FeHelloWorld.dll
```

My PATH originally was: C:\Windows\system32;C:\Windows

I added the Java but that probably was not necessary as that worked before.

After running the MS SDK CMD Shell (which is SetEnv.cmd) this is the PATH, what a mess.

```
PATH=C:\Program Files\Microsoft Visual Studio 9.0\VC\Bin;C:\Program Files\Microso
ft Visual Studio 9.0\VC\vcpackages;C:\Program Files\Microsoft Visual Studio 9.0
\Common7\IDE;C:\Program Files\Microsoft SDKs\Windows\v7.0\Bin;C:\Windows\Microso
ft.NET\Framework\v3.5;C:\Windows\Microsoft.NET\Framework\v2.0.50727;C:\Program F
iles\Microsoft SDKs\Windows\v7.0\Setup;C:\Windows\system32;C:\Windows;C\Wi ndows
\System32\Wbem;C:\Java\jdk1.7.0\bin;C:\Java\jdk1.7.0\include ;C:\Program Files\Mi
crosoft Visual Studio 9.0\VC\bin;C:\Program Files\Microsoft Visual Studio 9.0\Co
mmon7\IDE;C:\Program Files\Microsoft Visual Studio 9.0\VC\include
```

After removing any changes to the original and re doing the javac, javah and cl and trying java HelloWorld:

```
Exception in thread "main" java.lang.UnsatisfiedLinkError: C:\MyApps\JNIex\HelloWorld.dll: Can't
find dependent libraries
```

```
    at java.lang.ClassLoader$NativeLibrary.load(Native Method)
    at java.lang.ClassLoader.loadLibrary0(ClassLoader.java:1922)
    at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1848)
    at java.lang.Runtime.loadLibrary0(Runtime.java:840)
    at java.lang.System.loadLibrary(System.java:1078)
    at HelloWorld.<clinit>(HelloWorld.java:7)
```

```
line 7:    printf("Hello World!\n");
then the C/C++ cl compiled .h/.dll
```

Attached is the code as in the original example.

File Attachments

1) [Hello.zip](#), downloaded 543 times
