giving 'java.library.path' in netbeans for .dll/.so files

Asked 7 years, 3 months ago   Active 1 year, 9 months ago   Viewed 44k times

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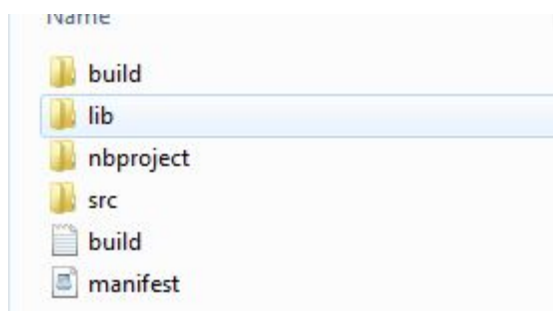How do i give the path for the `.dll` or `.so` file in netbeans to load the library using

```
System.loadLibrary("Foo")
```

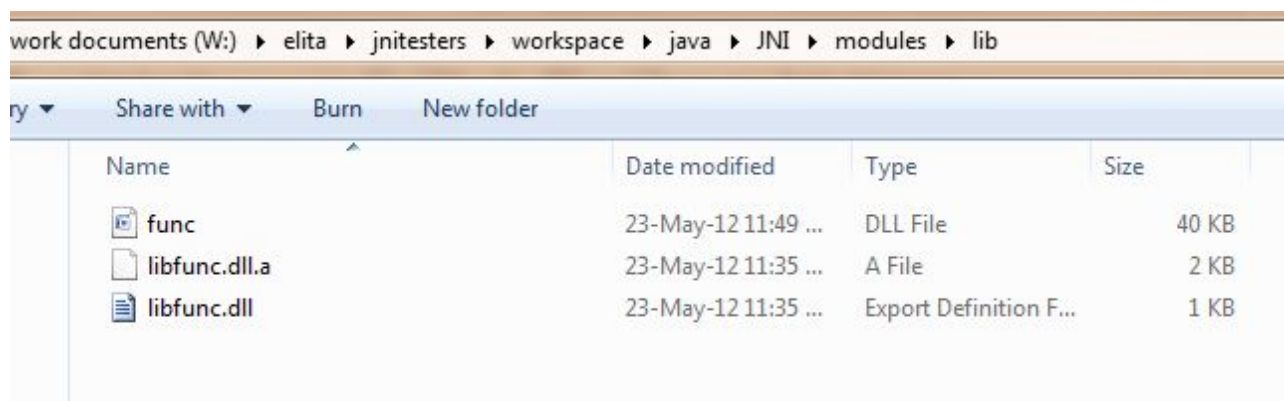I read this on netbeans page but couldn't help me. as it gives the unsatisfied link error.

These are the two things i tried :

In the following snapshot i created a `lib` folder inside the netbeans project and placed the `dll` files inside it.

In the second snapshot i created a `lib` folder inside the `modules` folder and placed all the `dll` files inside `lib` folder as stated in the link.

But both of them give me `unsatisfied link error` exception. How do i set `java.library.path` in netbeans so that i can directly test the application from netbeans, without having to go and write on the terminal ?

`java`   `netbeans`   `library-path`

That only works for applications using the NetBeans platform, not for normal Java SE applications. Answer here: stackoverflow.com/questions/8361728/... – Samuel Audet Jun 13 '12 at 1:22 ✎

4 Answers

Its working now. Some little bit setting you have to do with your Netbean IDE.Only of Netbean IDE.

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Follow the Steps :-

```
==>Right click on the Project
==>Properties
==>Click on RUN
==>VM Options : -Djava.library.path="C:\Your Directory where Dll is present"
==>Ok
```

Its working 100%. I have done this in my own project.

answered Aug 10 '12 at 8:49

JDGuide
4,464   9   35   52

How can you do this with 2 diffrent library paths? Say one in my desktop file and another in my program files, file? – fftk4323 Feb 22 '14 at 2:14

1   @fftk4323 `-Djava.library.path="path1;path2;path3"` ... – flawyte Mar 8 '14 at 22:43

1   Thanks, I found it works -Djava.library.path="path1";"path2" as well. Just a note to everyone who is reading this, Dont do what i did and enter the dll's name into the file path. – fftk4323 Mar 9 '14 at 3:27 ✎

@JDeveloper : hello I am working in Ubuntu OS then how can be .dll workS? – Java Man May 7 '14 at 4:31

@JavaMan ,I think .dll will not work on ubuntu or any unix flavour OS.You can configure the path using Build Path. – JDGuide May 23 '14 at 12:36

I'm using Mac OS X Yosemite and Netbeans 8.02, I got the same error and the simple solution I have found is like above, this is useful when you need to include native library in the project. So do the next for Netbeans:

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```
1.- Right click on the Project
2.- Properties
3.- Click on RUN
4.- VM Options: java -Djava.library.path="your_path"
5.- for example in my case: java -Djava.library.path=
</Users/Lexynux/NetBeansProjects/NAO/libs>
6.- Ok
```

I hope it could be useful for someone. The link where I found the solution is here: java.library.path – What is it and how to use

IF you are working on "NetBeans Modules"

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DLLs or SOs can be placed in the folder release/modules/lib/ in a module project's sources (look in the Files tab). This will make them appear in the final NBM or application in a lib subdirectory beneath where the module's JAR resides. Then just use System.loadLibrary as usual.

answered Dec 1 '17 at 6:57

Jerin
351   3   7

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To me JDeveloper's suggestion didn't work. However, the method that I came across this early afternoon works handy. It is for netbeans 8.02, and Visual Studio 2013 generated dll.

1. create a package(eg, "dll") under [Source Packages] node of netbeans project
2. put/copy a dll file(eg, simpleDLL.dll) into the package(eg, "dll")
3. on the [Libraries] node of the netbeans project, right-click and choose "Add Jar/Folder...",
4. navigate to the folder("src") that contains the folder("dll") for the package that you created in step 1 above (it could be "...\src\dll" in my example), select package folder("dll") and click [Open] button to select it.

-- now you should have added a folder("dll") (which contains the dll file{simpleDLL.dll}) to the Libraries node of the project.

That's it. It should work! Good luck.

answered Jun 13 '15 at 4:59

Park JongBum
474   8   15