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Subject: Trying to use external lib for labjack u3 usb  
Posted by [jpderyck](#) on Tue, 14 Oct 2008 18:45:53 GMT  
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Hello, I would like to write an app which can read a labjack u3 usb module (analog and digital io) on linux and I'm interested by ultimate++.

The driver for the u3 was correctly installed on the linux machine (I can run sample test program from labjack). I'm newbie on linux (I am experimented with C++builder on win32). The library (file.so) is installed in /usr/lib and there is a .h placed in /usr/include

How can I access the library functions in ultimate++ ? I made some search on this forum and found that I need to configure the package of my app to add the librarie but the link still failed. As I'm not shure of what to do, is there a sample of this kind ?

thanks in advance  
regards from Belgium  
Jean-Paul

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Subject: Re: Trying to use external lib for labjack u3 usb  
Posted by [cocob](#) on Tue, 14 Oct 2008 19:58:34 GMT  
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Hello,

To use your functions :

```
#include <your-header.h>
```

(/usr/include is standard include path and compiler will use it automatically)

to link the library:

Project -> package organizer : right click -> add libraries

and in the edit at the right add your library name (without .so)

cocob

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Subject: Re: Trying to use external lib for labjack u3 usb  
Posted by [jpderyck](#) on Wed, 15 Oct 2008 10:06:39 GMT  
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Hello cocob!  
thanks for your message

in the package organizer, I added the library but I runs only if I write /usr/lib/liblabjackusb.so

In others samples, I don't see paths, if I put only the lib name, upp don't find it, is this normal ?

regards  
Jean-Paul

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Subject: Re: Trying to use external lib for labjack u3 usb  
Posted by [kodos](#) on Wed, 15 Oct 2008 10:18:08 GMT  
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Try it with "labjackusb". So remove the lib\* and the \*.so

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Subject: Re: Trying to use external lib for labjack u3 usb  
Posted by [jpderyck](#) on Wed, 15 Oct 2008 12:26:42 GMT  
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OK, now it runs !  
many thanks

regards  
Jean-Paul

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