Subject: Re: I have a problem linking a LIB

Posted by jerson on Thu, 02 Sep 2010 15:30:54 GMT

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Update on my situation

In the case which compiles and links, I have the API header declared in my main.cpp and the functions which link to the LIB also in the main.cpp in global scope. Like this

```
= snippet from Main.cpp
#include "NIDAQmx.h"
#define DAQmxErrChk(functionCall) if( DAQmxFailed(error=(functionCall)) ) goto Error; else
void NiCheck()
 int32
         error=0:
 TaskHandle taskHandle=0;
 ulnt32
          data:
        errBuff[2048]={'\0'};
 char
 int32
         read:
 /***************
 // DAQmx Configure Code
 DAQmxErrChk (DAQmxCreateTask("",&taskHandle));
 DAQmxErrChk
(DAQmxCreateDIChan(taskHandle,"Dev1/port0","",DAQmx_Val_ChanForAllLines));
In the same project which compiles and links, if I move the functions which link to the LIB into a
separate module/cpp file, put the header for the API in that cpp file again in global scope, I end up
with tons of errors.
= snippet from NiDaq.cpp
#include "NIDAQmx.h"
  #define DAQmxErrChk(functionCall) if( DAQmxFailed(error=(functionCall)) ) goto Error; else
void NiCheck()
 int32
         error=0;
```

```
TaskHandle taskHandle=0;
 ulnt32
         data;
        errBuff[2048]={"\0"};
 char
 int32
        read;
 // DAQmx Configure Code
 DAQmxErrChk (DAQmxCreateTask("",&taskHandle));
 DAQmxErrChk
(DAQmxCreateDIChan(taskHandle,"Dev1/port0","",DAQmx_Val_ChanForAllLines));
```

I am not calling the NiCheck function in either case. Just ensuring that it links for now. The Package organiser knows about the additional library which is located in the same folder as my sources.

I created another test case in which I tried the same steps as the above 2 cases, but it doesn't work in either case

What am I doing wrong?

Thanks

ps. I have attached the relevant files for completeness

File Attachments

1) nidaqmx.zip, downloaded 332 times