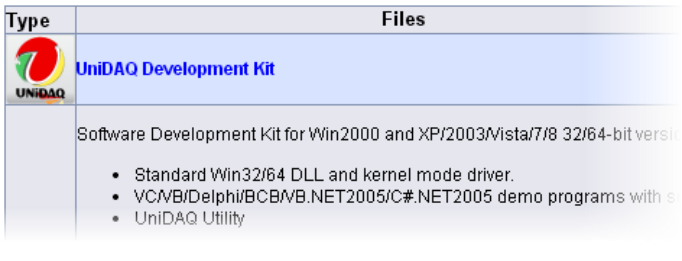
分類/Classification	☐ tDS ☐ tGW ☐ PETL/tET/tPET ☐ DS/PDS/PPDS ☐ tM-752N ☑ I/O Card ☐ VXC Card ☐ VxComm ☐ 7188EN				
作者/Author	Tammy	日期/Date	2014-12-03	編號/NO.	FAQ-020

Q: How to use UniDAQ driver in LabVIEW?

A: Follow the procedure described below:

Step 1: Install the I/O Card UniDAQ driver. The installer package for UniDAQ driver can be obtained from the software download of the I/O card series web site or the companion CD-ROM. The locations and addresses are shown below:

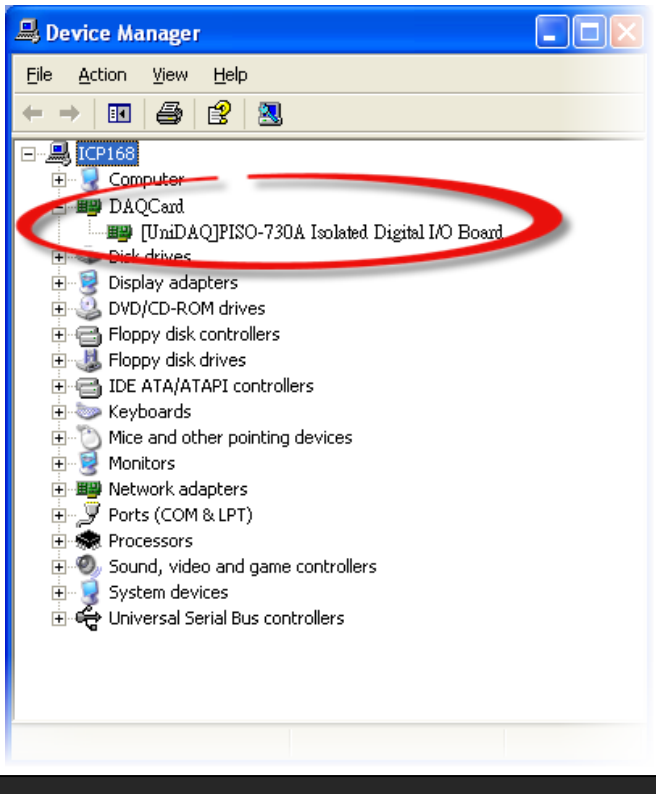
Note: The UniDAQ driver supports Windows 2000 and 32/64-bit Windows XP/2003/Vista/7/8.



CD:\\ NAPDOS\PCI\UniDAQ\DLL\Driver

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/unidaq/dll/driver/

Step 2: Install the I/O card on PC. Once the driver and hardware have been installed, please open the Windows Device Manger to view the I/O card and driver installed on your computer.



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Step 3: **Select the LabVIEW version according to you used and download it.** The LabVIEW toolkit for I/O card UniDAQ driver can be obtained from the software download of the I/O card series web site or the companion CD-ROM.

The **LabVIEW 8.2 and prior** toolkit supports **LabVIEW 5.1 to 8.2**.
The **LabVIEW 8.5 and later** toolkit supports **LabVIEW 8.5 to 2014**.

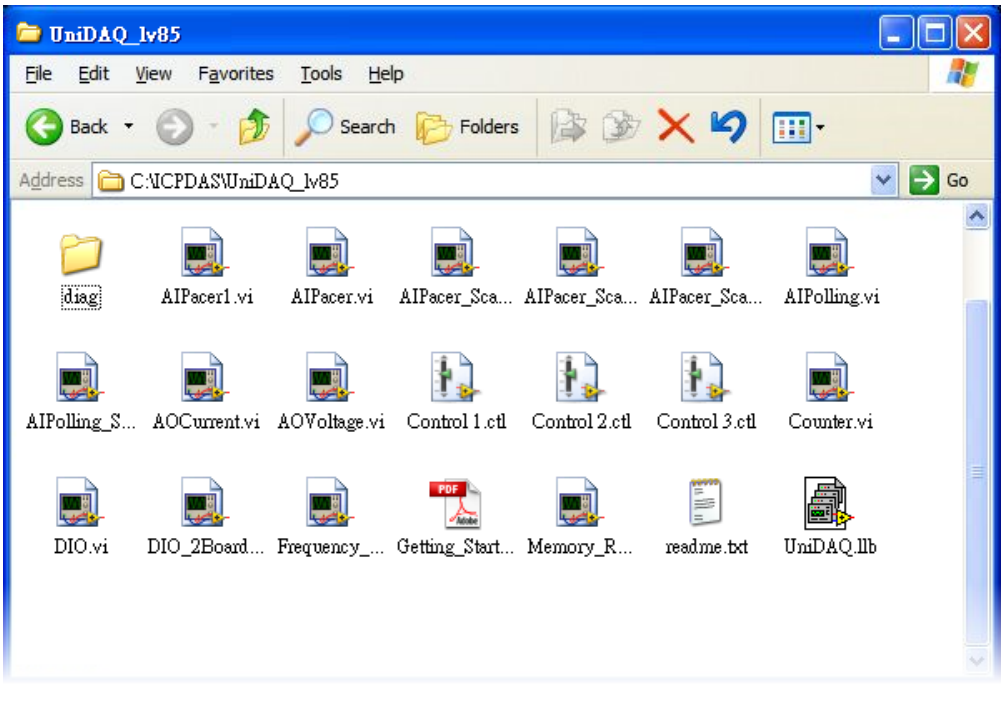
Type	Files
UniDAQ LabVIEW V82 and prior	
	• Supports LabVIEW version 5.1 ~ 8.2. • Supports for Win98/NT/2000/XP. • Includes LLB library and Vi Demo programs. Note: The UniDAQ driver should be installed first.
UniDAQ LabVIEW V85 and later	
	• Supports LabVIEW version 8.5~ 2014. • Supports for Windows 2000 and XP/Vista/2003/2008/7/8 32/64-b • Includes LLB library and Vi Demo programs. Note: The UniDAQ driver should be installed first.

CD:\\ NAPDOS\PCI\UniDAQ\LabVIEW

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/unidaq/labview/

Step 4: **Extract the LabVIEW toolkit package to a temp folder.** For example, the package's file name is “UniDAQ_lv85”. Thus, the **UniDAQ_lv85** folder is created after extraction.

The UniDAQ LabVIW toolkit package contains demo programs, llb file, readme.txt and Getting Start Guide, as follows:



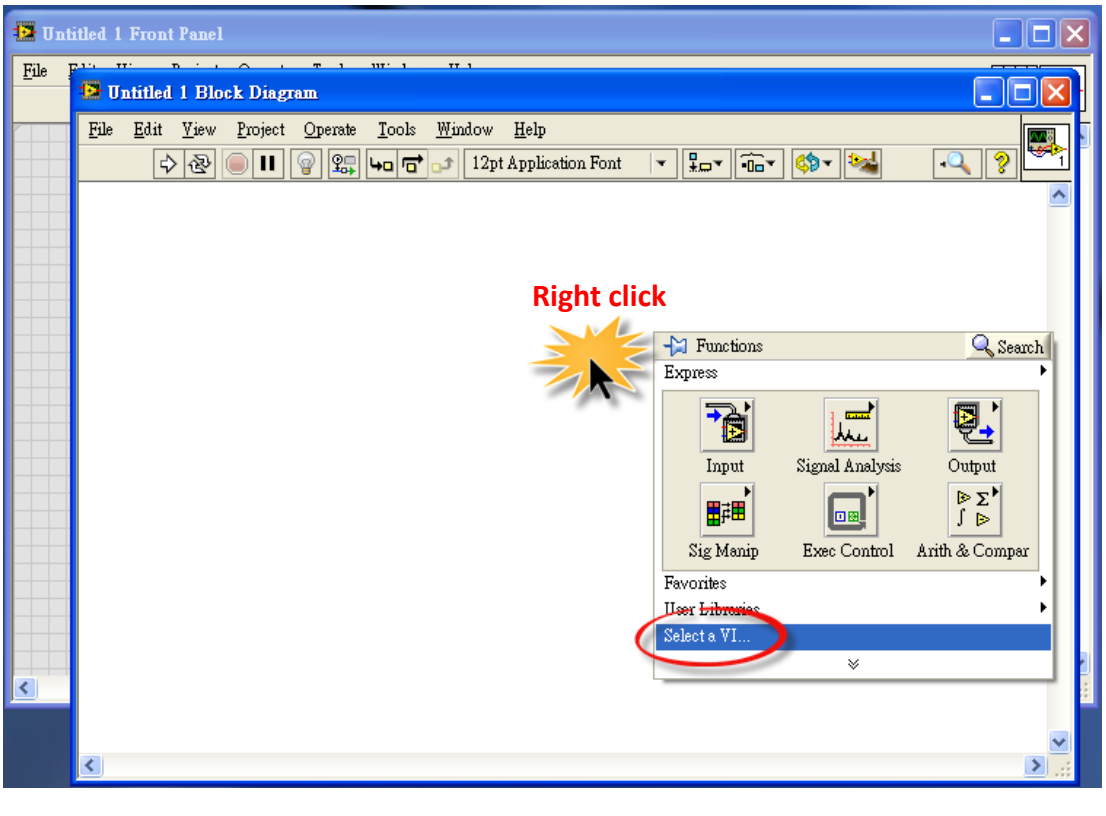
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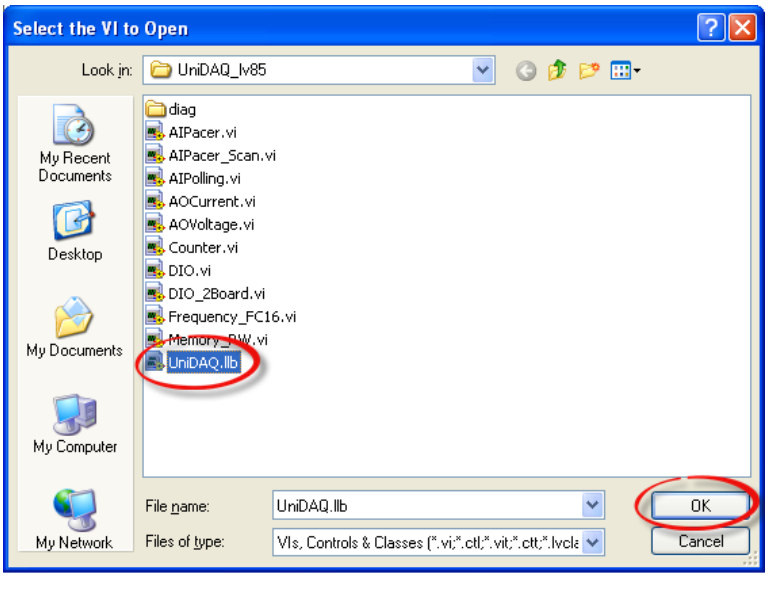
Step 5: Execute the …\diag\UniDAQUtility.exe program to check whether the I/O card and driver are installed correctly. You can begin to execute the LabVIEW demo after the test result is normal.

Step 6: For calling a subroutine in UniDAQ.DLL file, please follows the steps:

1. **Right click** on the **Block Diagram** to open the **Functions Palette** and select the **"Select a VI…"** item.



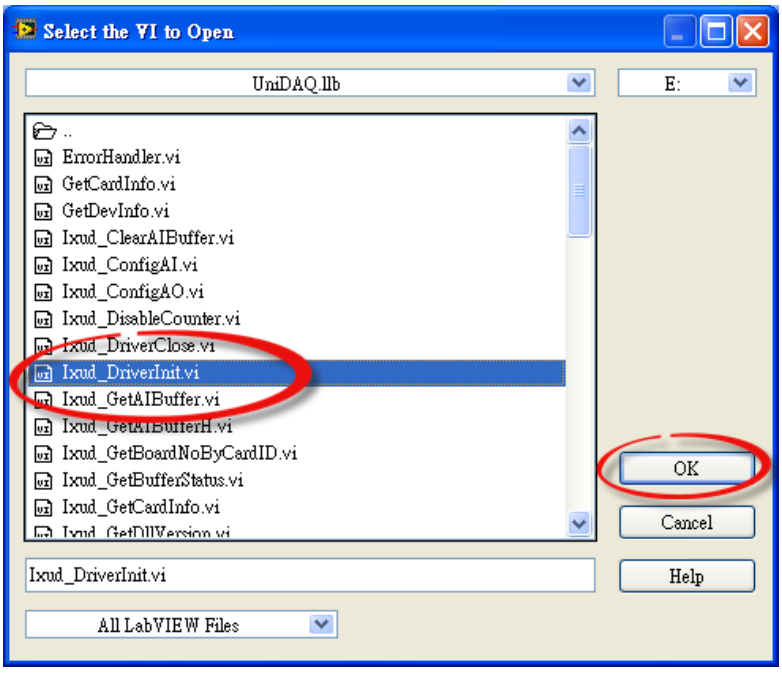
2. Select a **UniDAQ.llb** file which is in demo folder in the **"Select the VI to Open"** dialog box.



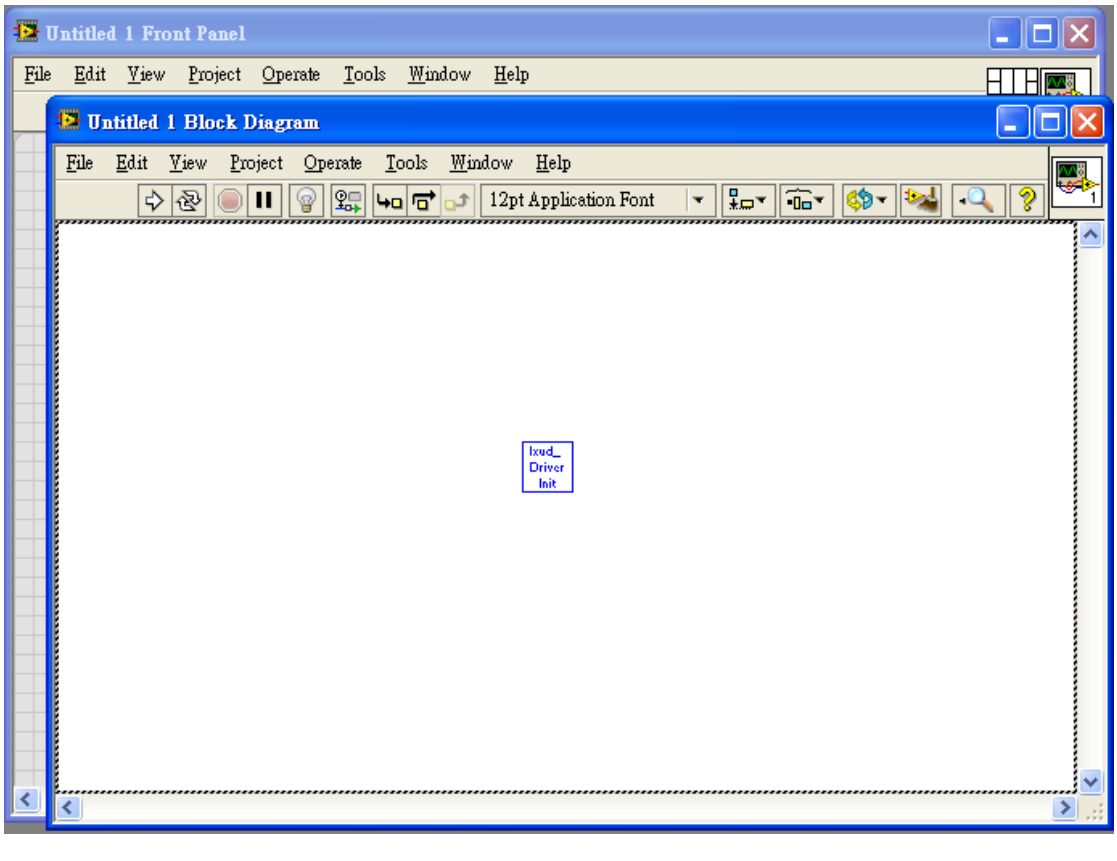
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3. Select the desired VI and press **"OK"** button to close the dialog box.



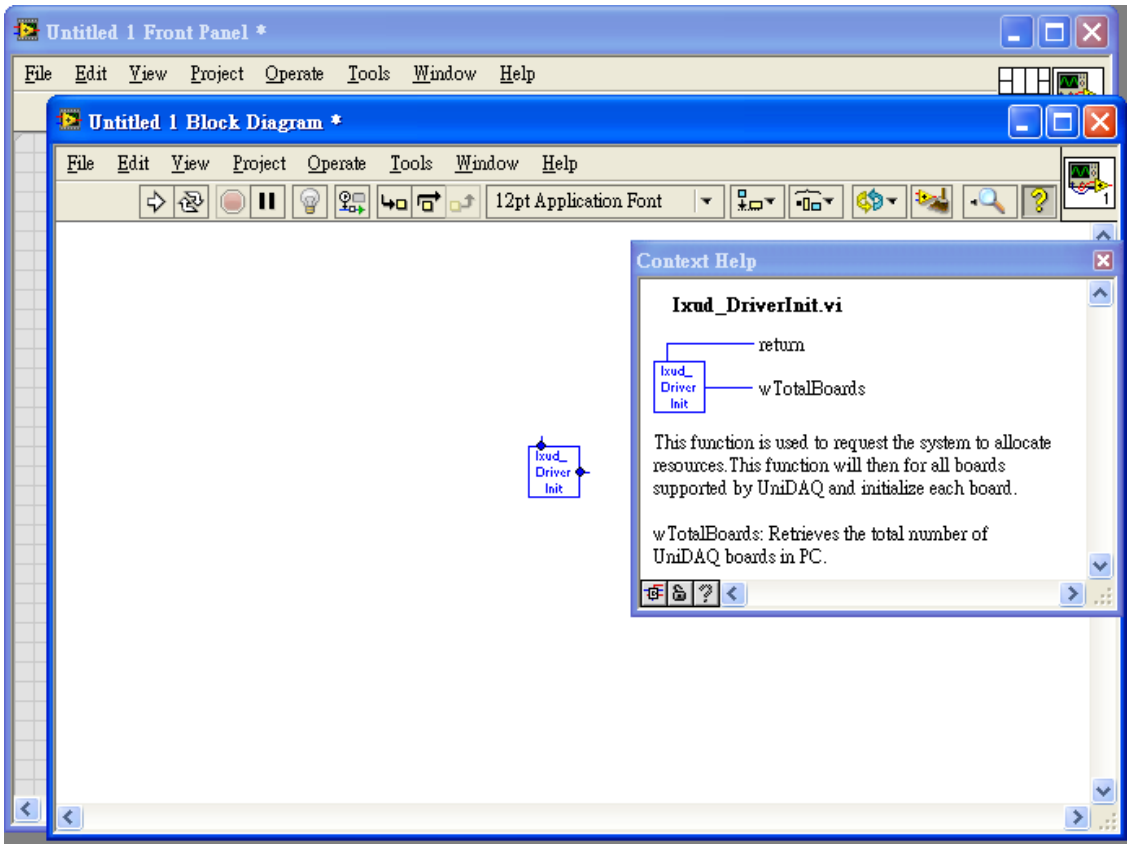
4. Put the icon of the **.VI** to where desired. Calling a subroutine of **.dll** in LabVIEW is complete.



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5. The simple arguments of a sub-VI are showed in help window. Please also refer the UniDAQ software manual about the detail description of the function.



-Complete-

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