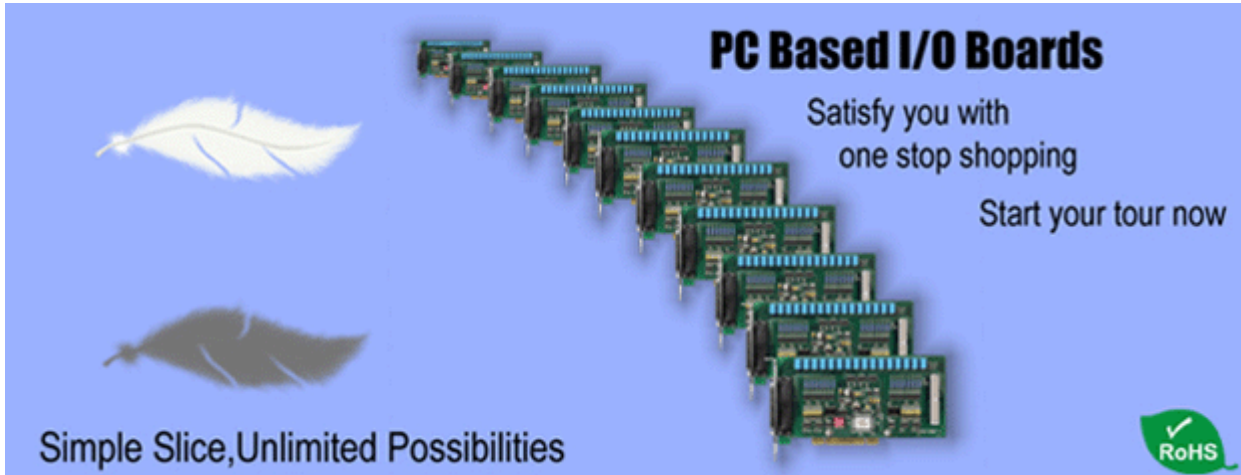


## How to compile UniDAQ lib using MinGW in Windows?

Applies to:			No. L3-003
Platform	OS version	SDK version	Classification
Window	All versions	—	Software Development



User can download **MinGW** in below link first:

<http://jaist.dl.sourceforge.net/project/mingw-w64/Toolchains%20targetting%20Win32/Personal%20Builds/mingw-builds/installer/mingw-w64-install.exe>

Notice the Setting select, please refer to Fig 1-1

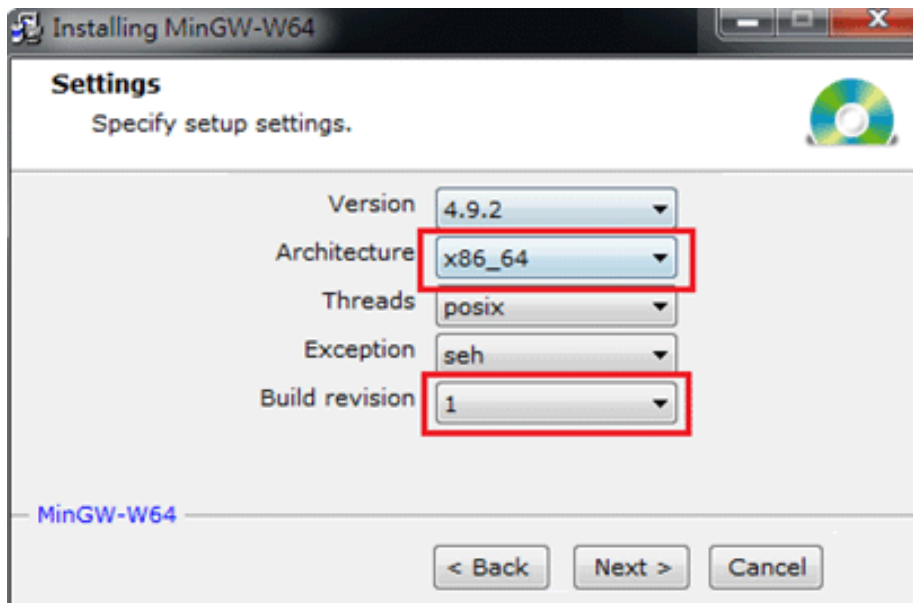


Fig 1-1

In Architecture option, if your computer is X86, please select i686, if X64, please select x86\_64 In Build revision option, please select 1.

After installing, user can execute “**Run Terminal**” in start menu or “**mingw-w64.bat**” in directory.

User can download demo program in below links, if X86, select IO\_32\_VC.zip, if X64, select IO\_64\_VC.zip.

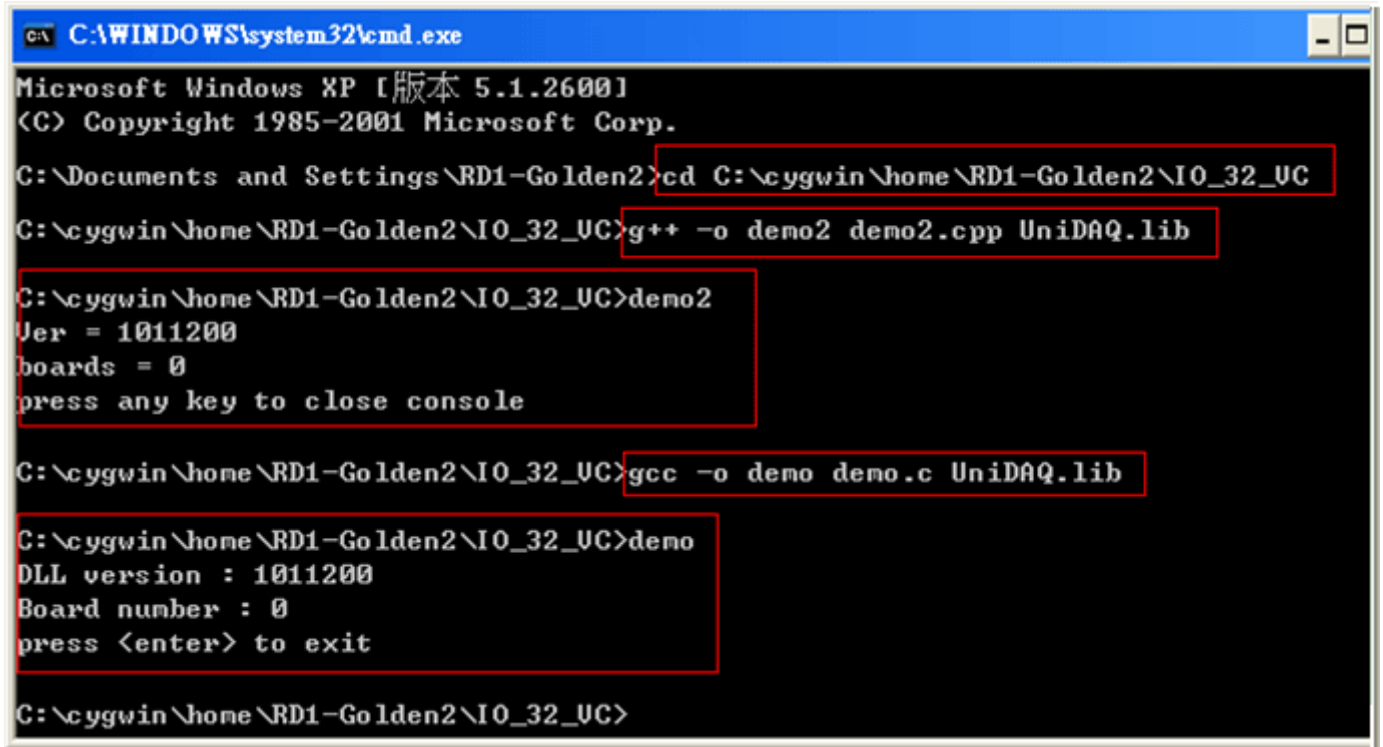
**X86**

IO\_32\_VC.zip

**X86\_64**

IO\_64\_VC.zip

Decompress zip file and using **MinGW** to compile demo program, please refer to Fig 1-2



```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\RD1-Golden2>cd C:\cygwin\home\RD1-Golden2\IO_32_UC
C:\cygwin\home\RD1-Golden2\IO_32_UC>g++ -o demo2 demo2.cpp UniDAQ.lib
C:\cygwin\home\RD1-Golden2\IO_32_UC>demo2
Ver = 1011200
boards = 0
press any key to close console
C:\cygwin\home\RD1-Golden2\IO_32_UC>gcc -o demo demo.c UniDAQ.lib
C:\cygwin\home\RD1-Golden2\IO_32_UC>demo
DLL version : 1011200
Board number : 0
press <enter> to exit
C:\cygwin\home\RD1-Golden2\IO_32_UC>
  
```

Fig 1-2