



HART_I/O_API_Library_PC (v2.10)

[Modification]

1. Two methods can be used in PC platform.

[Method 1]

(1) Using the “**dconhart.dll**” and “**Uart.dll**” files.

=> It can't integrate other I-87K modules together.

[Method 2]

(1) Using the “**pacsdk.dll**” and “**xpachart.dll**” files and they are the same with XPAC(XPe) platform.

(In **xpachart.dll (v2.10)**, it has replaced the **xpacsdk.dll** to **pacsdk.dll** for integration between I-87H17W and other I-87K modules together.)

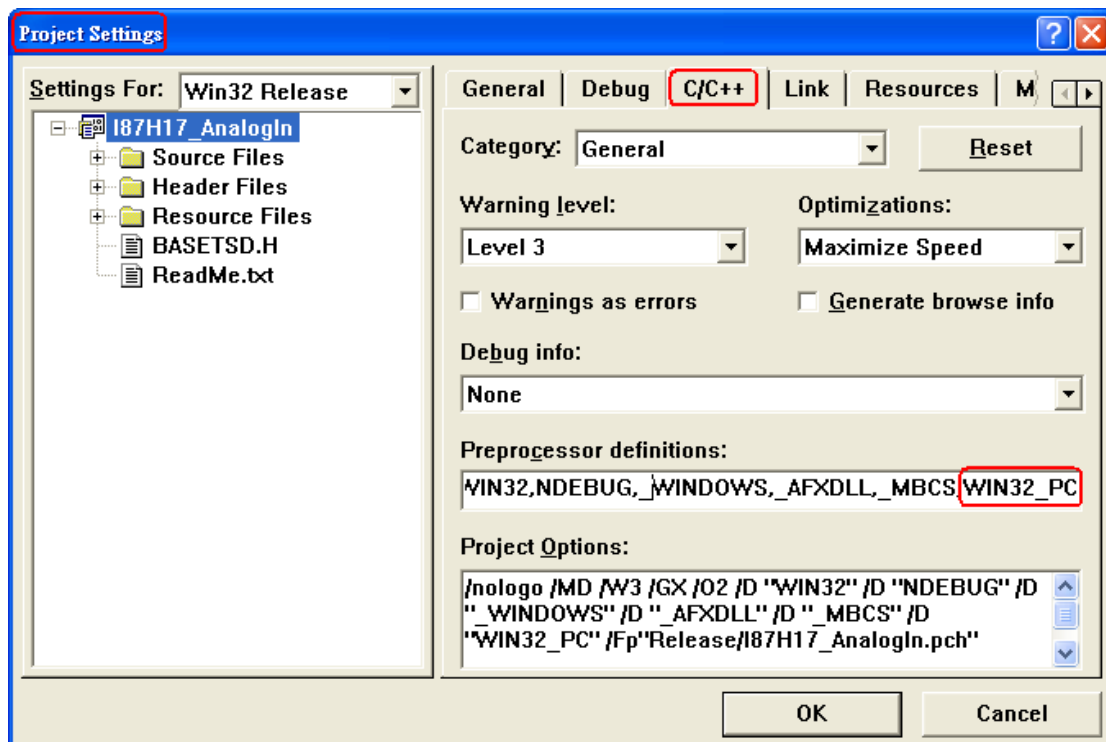
=> It can integrate other I-87K modules together.

In **PC** platform, please follow the below steps to compile HART I/O program smoothly.

[Method 1]

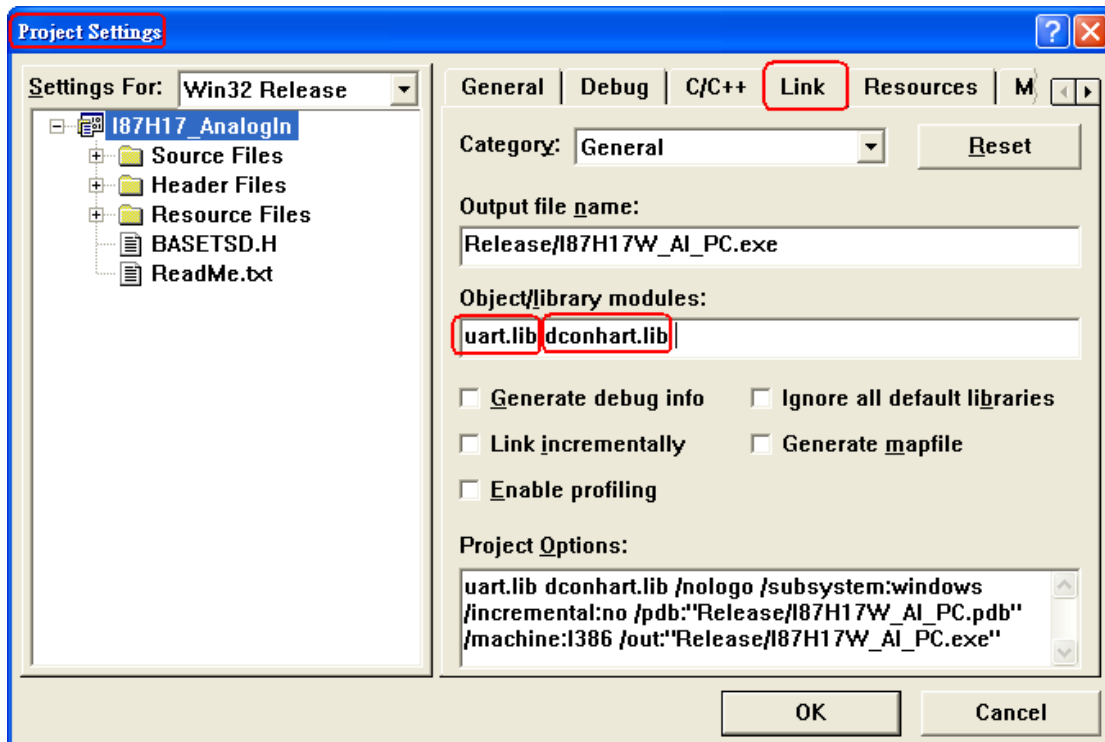
[Step1]

In “**Project Settings**” -> “**C/C++**” -> “**Preprocessor definitions**” option, add “**WIN32_PC**” definition.



[Step2]

In “**Project Settings**” -> “**Link**” -> “**Object/library modules**” option, add “**uart.lib**” and “**dconhart.lib**” library file.



[Step3]

Include “[uart.h](#)” and “[dcon2hart.h](#)” these two files.

```
// HT831D1g.cpp : implementation file
//

#include "stdafx.h"
#include "I87H17_Info.h"
#include "I87H17_InfoD1g.h"
#include "dcon2hart.h"
#include "uart.h"
#include "conio.h"
```

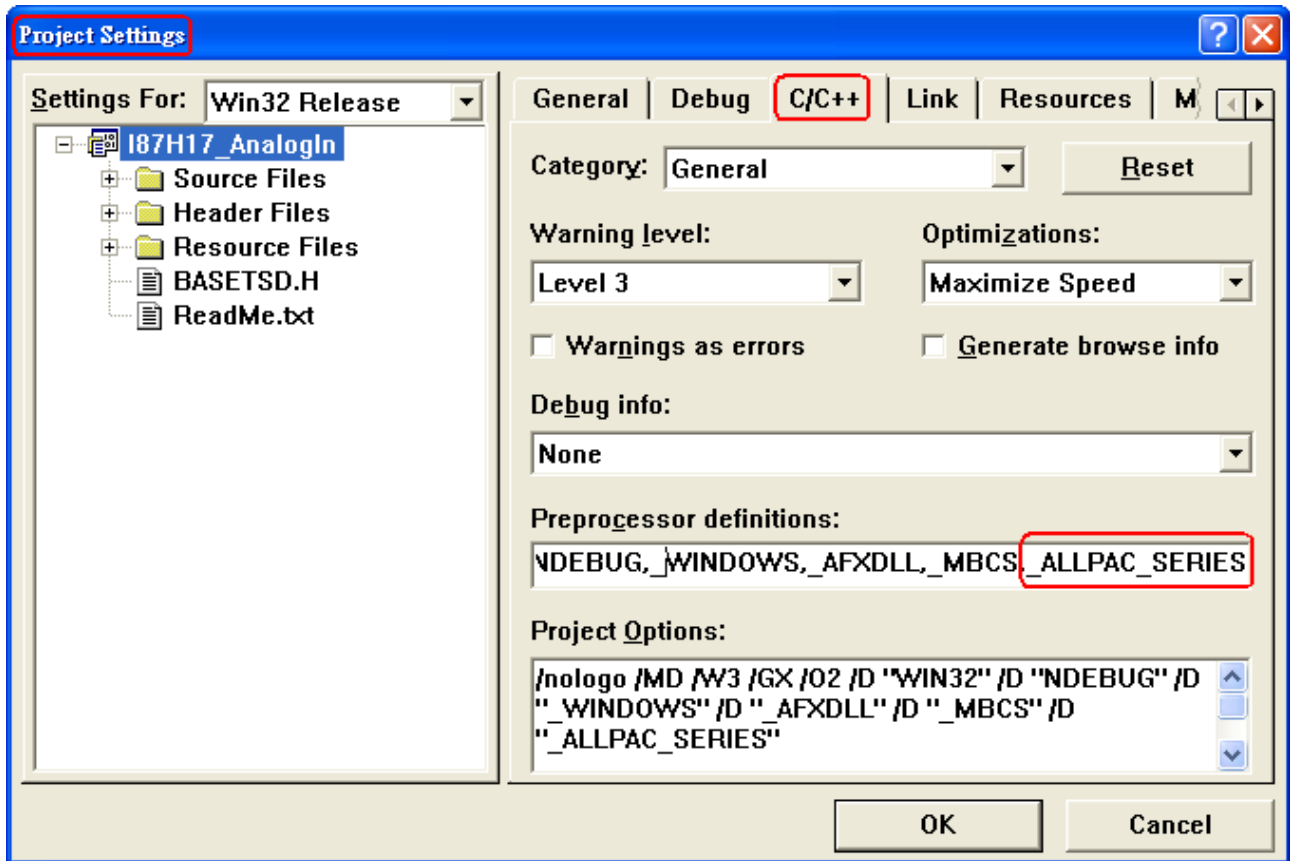
[Step4]

Please copy “[dconhart.dll](#)” and “[Uart.dll](#)” these two files to be the same folder of HART I/O program first before running the HART I/O program.

[Method 2]

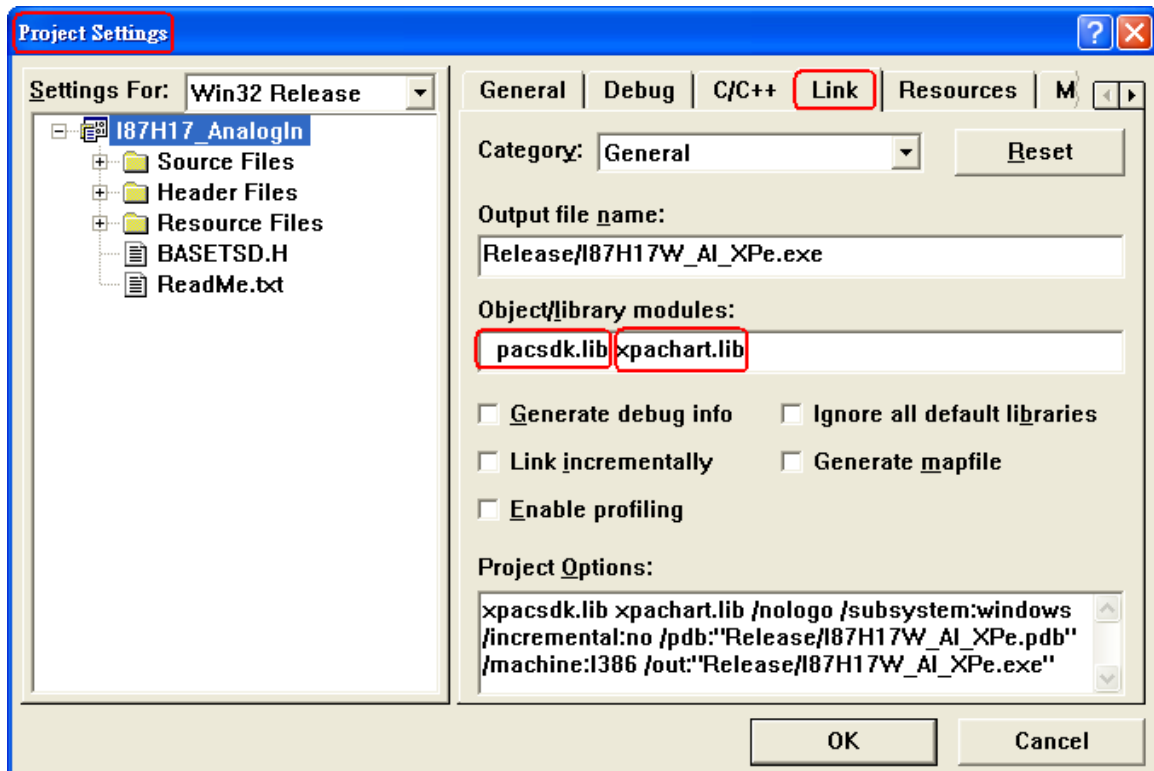
[Step1]

In "Project Settings" -> "C/C++" -> "Preprocessor definitions" option, add "_ALLPAC_SERIES" definition.



[Step2]

In "Project Settings" -> "Link" -> "Object/library modules" option, add "pacsdk.lib" and "xpachart.lib" library file.



[Step3]

Include “[pacsdk.h](#)” and “[dcon2hart.h](#)” these two files.

```
// I87H17_AnalogIn.cpp : implementation file
//

#include "stdafx.h"
#include "I87H17_AnalogIn.h"
#include "I87H17_AnalogInDlg.h"
#include "pacsdk.h"
#include "dcon2hart.h"
#include "conio.h"
```

[Step4]

Please copy “[pacsdk.dll](#)” and “[xpachart.dll](#)” these two files to be the same folder of HART I/O program first before running the HART I/O program.