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How to write a VB.net application with XPAC SDK in visual studio 2005

Applies to:

lies to:		
Platform	OS version	XPAC utility version
XPAC series	All versions (WinCE6)	All versions

The XPAC SDKs provides a complete solution to integrate with XPAC and compatible with Visual C#, Visual Basic .net and C++. In order to use a component in your application, you must first add a reference to it.

Step 1 Get the XPacNet.dll and copy it to the project folder

The XPacNet.dll can be obtained from any VB.net demo program that has been provided on the CD or by downloading the latest version from ICP DAS web site. You can obtain by following list.

1. CD:\SDK\XPacNET

2. ftp://ftp.icpdas.com/pub/cd/xp-8000-ce6/sdk/xpacnet/

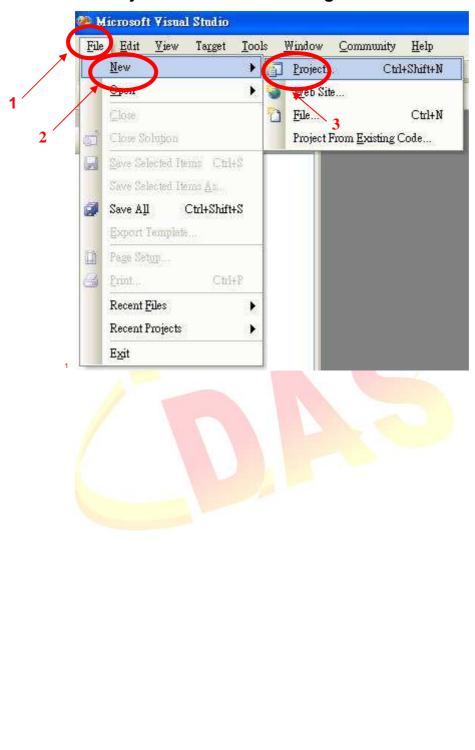
3. ftp://ftp.icpdas.com/pub/cd/XP-8000-Atom-CE6/SDK/XPacNet/



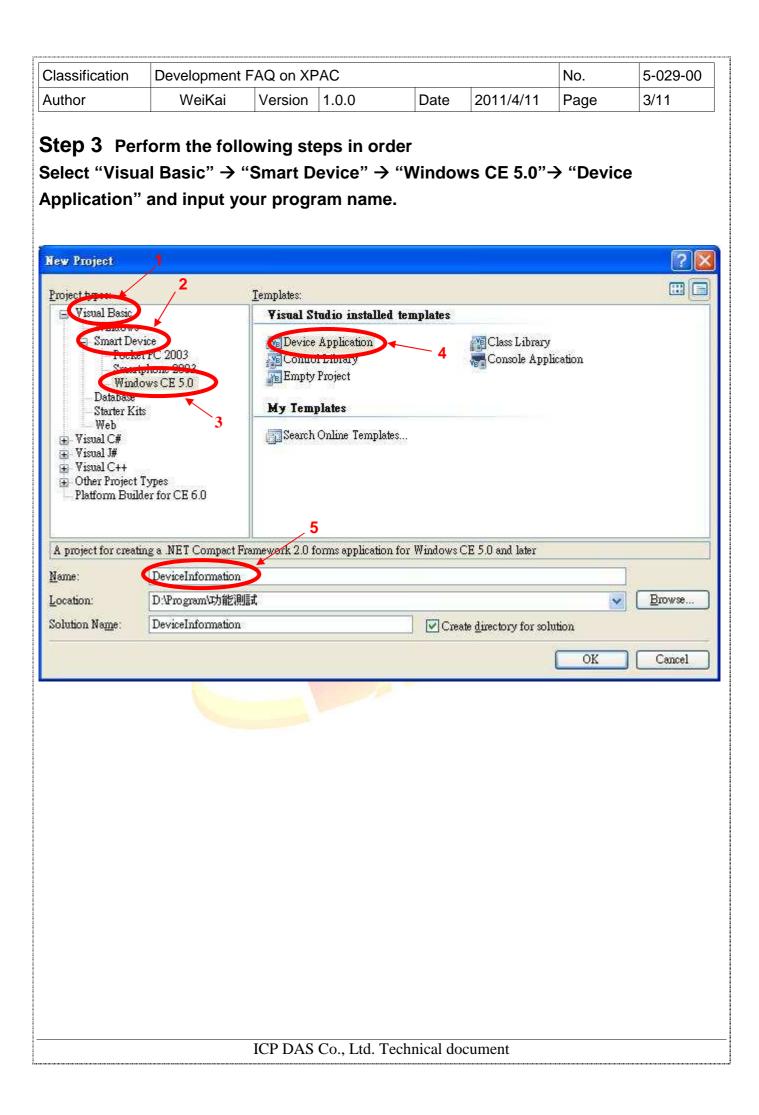
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Step 2 Create a new project

Click the File ->New->Project in order as following.



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Step 4 In Solution Explorer, right-click the References node, and then click Add Reference....

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Well Martin	B <u>u</u> Re	ect' (1 project) uild build pl <u>o</u> y	
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	Ad	ld <u>R</u> eference	
e		ld Web Reference ew Class Diagram	
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	Ur	lload Project	
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Step 5 Sele Add Reference NET Projects 搜尋位置①: MyPorject NPCNET di	Brows Recent	and add t	he XPa				
檔案名稱(N): [檔案類型(I): [XPacNET.dll Component Files (*	d11;*.t1b;*.o1b;*	*.ocx;*.exe))	Cancel		
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Adding the Control to the Form

You can drag various controls from the Toolbox onto the form. These controls are not really "live"; they are just images that are convenient to move around on the form into a precise location.

After you add a control to your form, you can use the Properties window to set its properties, such as background color and default text. The values that you specify in the Properties window are the initial values that will be assigned to that property when the control is created at run time.

Step 6 From the Toolbox, drag a Button control onto the form

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ab Button		
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Step 8 In the Properties window, type Check the SDK version, and press ENTER to set the Text property

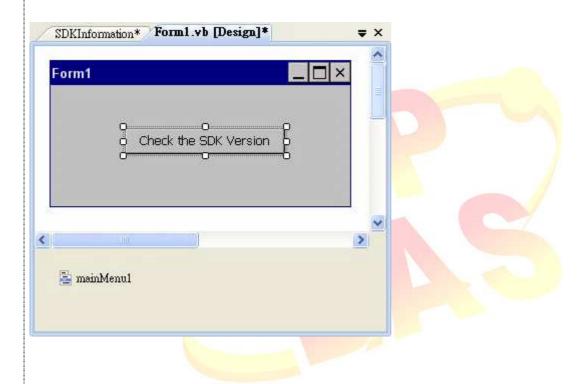
Properties		×
Button1 System.Windows.Form	s.Button	-
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⊞ Font	Tahoma, 10pt	
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Text		
The text contained in the control.		
Class View Properties		
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Adding the Event Handling to the Control

You have finished the design stage of your application and are at the point when you can start adding some code to provide the program's functionality.

Step 9 Double-click the button on the form



Step 10 Inserting the following code

MessageBox.Show(XPacNET.XPac.pac_GetXPacSDKVersion())

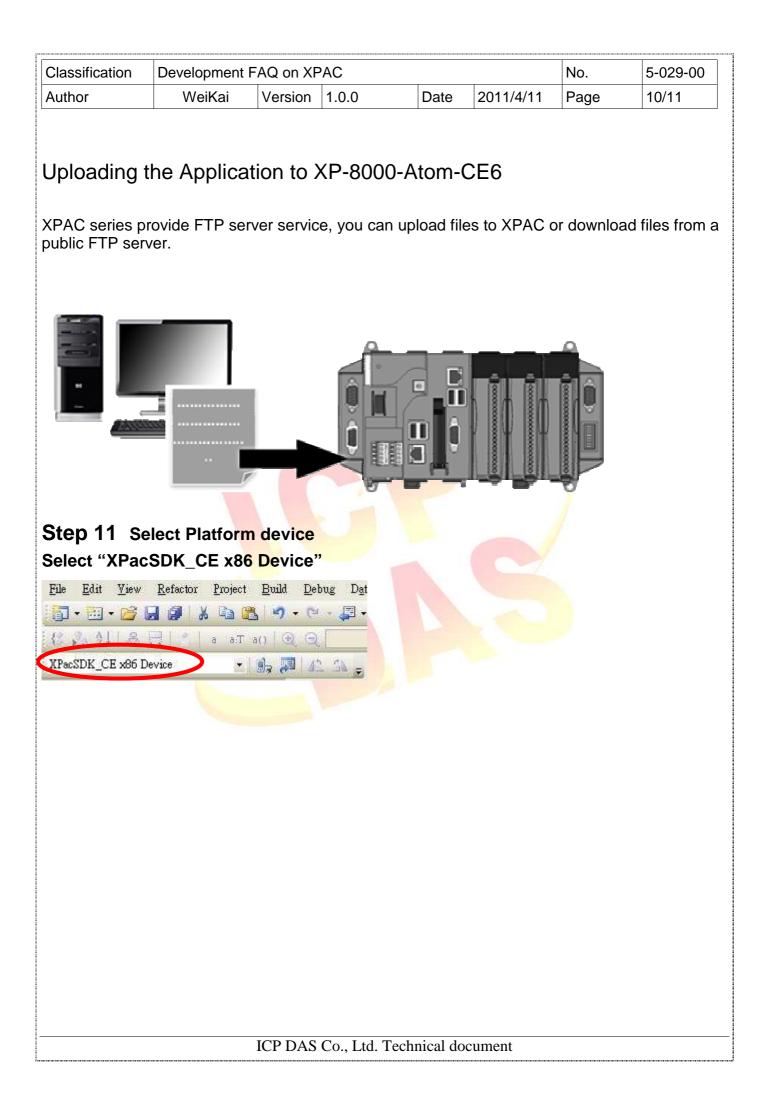
```
Public Class Form1

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

MessageBox.Show(XPacNET.XPac.pac_GetXPacSDKVersion())

End Sub

End Class
```



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Step 12 On		enu, clic Debug <u>I</u> oo		SDKInforr	nation		
		uild Solution build Solution ploy Solution can Solution					
	(**) B3	uld SDKInform	nation				
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		tch Build					
		nfiguration M		_			
	S Ca	mpile	Ctrl+F7				
Step 13 Open your ftp software and type the IP address of XPAC. Step 14 Upload the SDKInformation.exe application and the corresponding XPacSDK_CE.dll file to the XPAC Tips & Warnings							
For applications programming in C# and VB.net with .net framework, when executing these application on the XPAC series, the corresponding "XPacSDK_CE.dll" and "XPacNET.dll" file must be in the same directory as the .exe file.							
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