

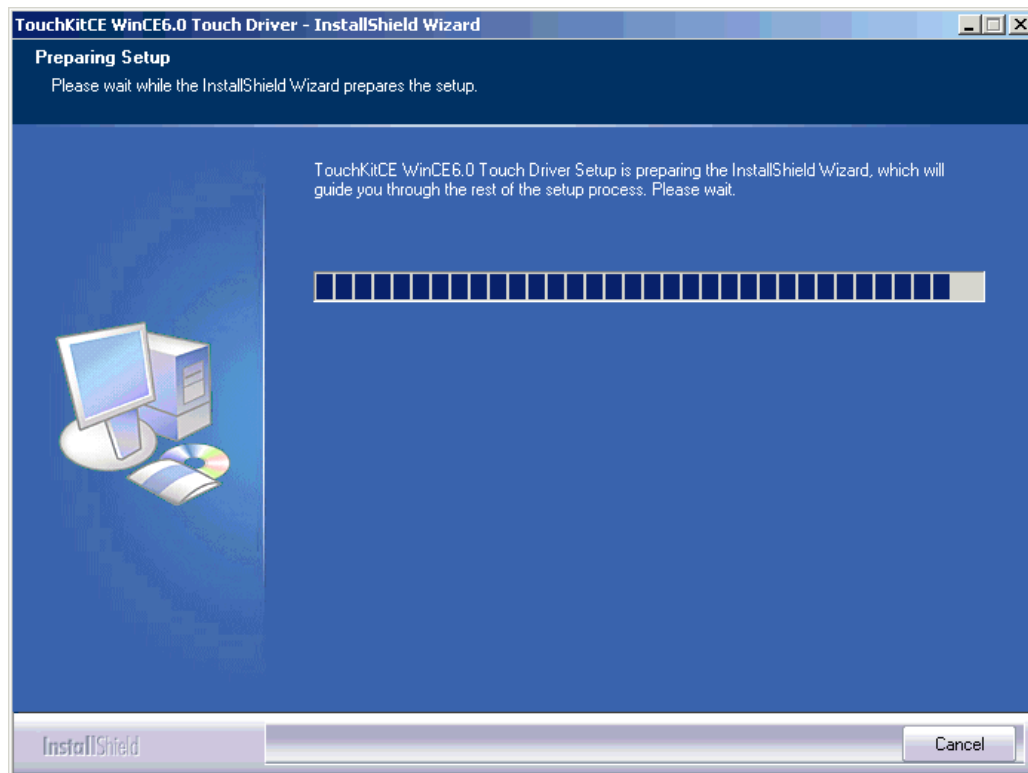
WinCE Touch Driver Installation Guide

Version: 3.1.5.8409

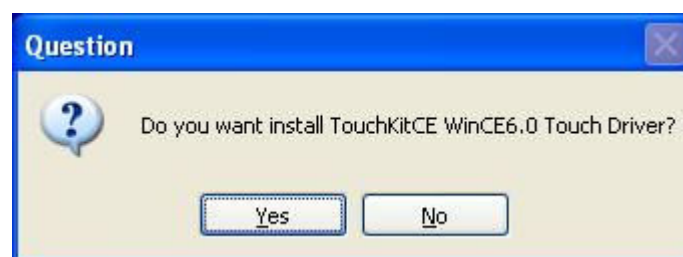
Operation System: Windows CE .6.0

Release Date: 04-21-2015

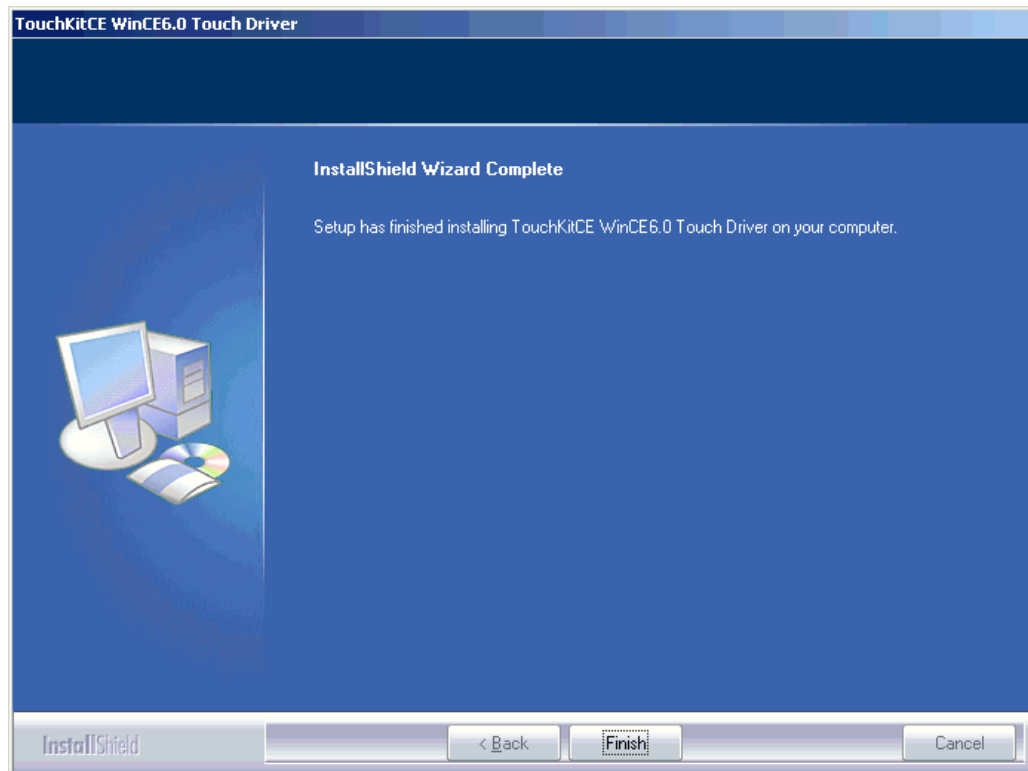
1. Execute setup.exe, you will see the installation window.



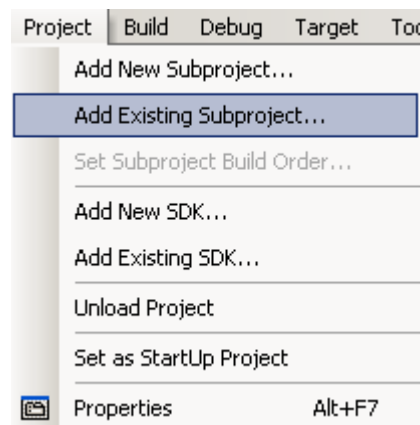
2. Select Yes to continue the installation, or select No to cancel it.



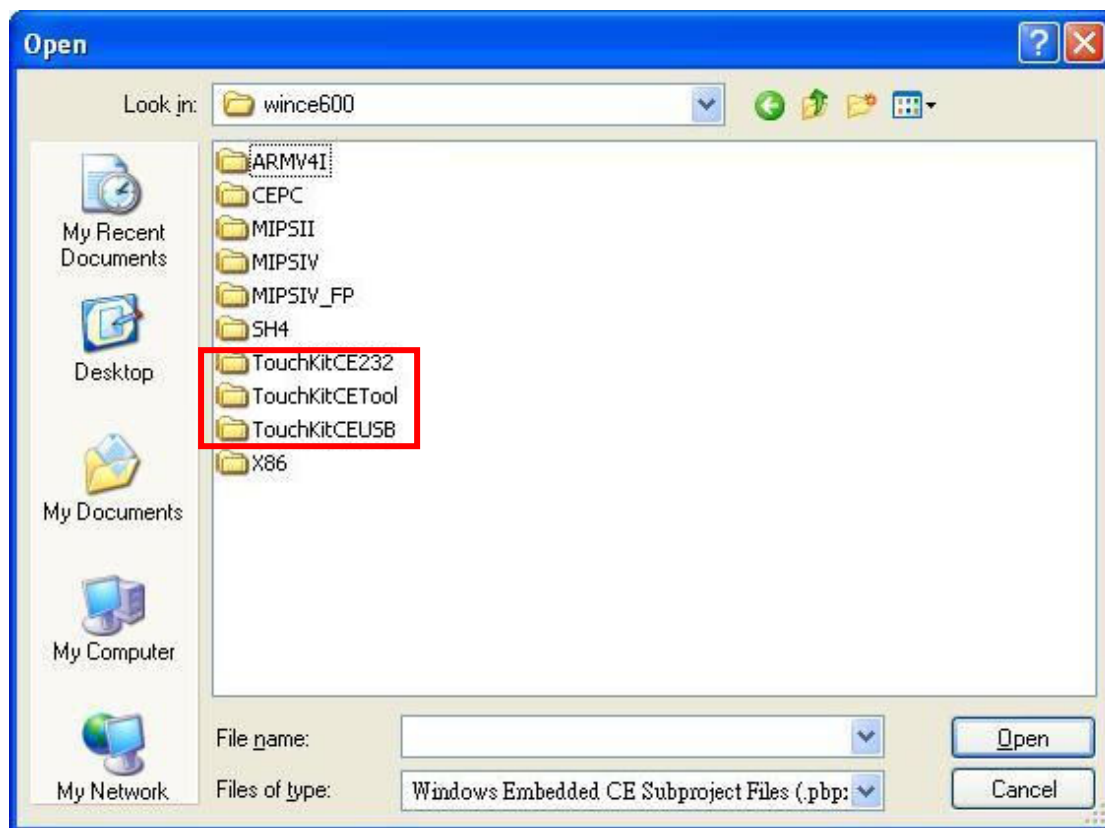
3. When installation successfully finish, you will see the window. Click Finish to close the installation window.



4. Launch Visual Studio 2005 with Platform Builder WinCE6.0. Open your OSDesign which you want to install TouchKitCE Touch Driver.
5. Select Project → Add Existing Subproject



6. Switch the folder to C:\ TouchKitCE \wince600



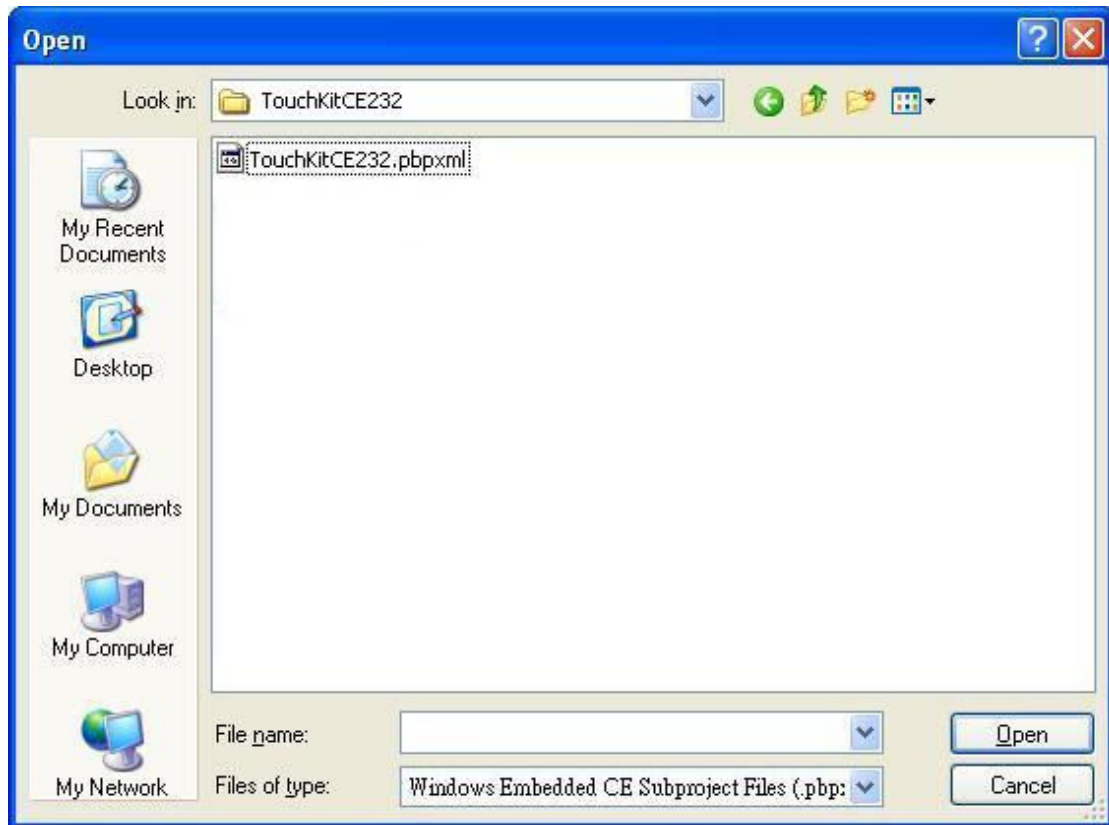
7. To add subprojects into your OSDesign, Choose the pbpxml file under different folder. (i.e. TouchKitCE 232, TouchKitCE Tool and TouchKitCE USB)

[For USB Controller]

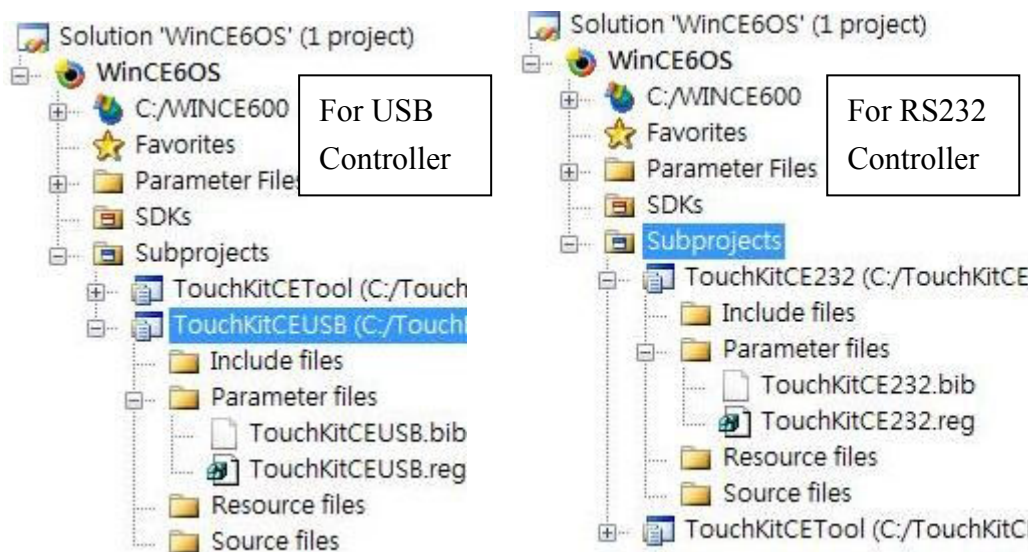
Add **TouchKitCETool** and **TouchKitCE USB** subprojects

[For RS232 Controller]

Add **TouchKitCETool** and **TouchKitCE RS232** subprojects



8. After you add catalog items, you will find the subprojects inside your OSDesign.



9. Language Setting: You can change the registry setting for different language.

For example:

Edit TouchKitCETool.reg in platform builder and add
`#include "C:\TouchKitCE\language_e.reg"` for English

For different language, please reference the following table.

Registry File	Target Language
language_e.reg	The English Language Registry Setting
language_tch.reg	The Traditional Chinese Language Registry Setting
language_sch.reg	The Simplified Chinese Language Registry Setting
language_jap.reg	The Japanese Language Registry Setting
language_kor.reg	The Korean Language Registry Setting
language_spa.reg	The Spanish Language Registry Setting
language_ita.reg	The Italian Language Registry Setting
language_ger.reg	The German Language Registry Setting
language_fre.reg	The French Language Registry Setting
language_dut.reg	The Dutch Language Registry Setting

10. Select Build → Make Run-Time Image to make the new image.

Notes:

1. You can modify registry setting as described below:

[For TouchKit tool] Modify TouchKitCETool.reg:

[HKEY_LOCAL_MACHINE\Drivers\TouchKit]

"RBSIZE"=dword:800 → set scale that will be treated as the same point
x-coordinate $\text{regin(pixel)} = (\text{RBSize} / 65535) * \text{x-coordinate resolution}$

set RBSize = 0 can disable right button

"RBTIME"=dword:FFFFFF → set how long the same point pressed will
treated as right button. The unit is 10^{-7} second.

"FLAGS"=dword:1 → set 0x1 software filter enable

set 0x3000 update eeprom funtion enable

set 0x100 to enable the check rotation function

"BeepFrequence"=dword:1F4 → Beep Frequence(x86 only)

"BeepTime"=dword:64 → Beep Times(ms)(x86 only)

"ZFilterThreshold"=dword:800

"ZFilterBound"=dword:00100001

"SoundType"=dword:0 → This is the default sound type.

SoundType = 0 is no sound

SoundType = 1 is Beep in touch down.

SoundType = 2 is Beep in lift off.

"NoPostRange"=dword:80

"SECDisable"=dword:1

[For RS232 Controller] Modify TouchKitCE232.reg:

[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\TouchKit1]

"Dll"="TouchKit.dll"

"Order"=dword:00000001

"Prefix"="TKT"

"Index"=dword:00000001

"Context"=dword:1; → This is the COM Port index which you used.

[HKEY_LOCAL_MACHINE\Drivers\TouchKit]

"Baud"=dword:2580 → This is set baudrate of a serial port.

Registry Key	Type	Default value	Description
Baud	dword	2580	<p>Baud= 1C200. The baud rate is 115200 for supports projected capacitive EXC7900 series touch device.</p> <p>Baud= E100. The baud rate is 57600 for supports projected capacitive EXC7200 series touch device.</p> <p>Baud = 4B00 The baud rate is 19200 for supports projected capacitive EXC3000 series touch device.</p> <p>Baud= 2580. The baud rate is 9600 for supports resistive / surface capacitive / SAW/ IR touch device</p>

2. [For USB Controller] Select the UHCI or OHCI USB Host Controller driver into your platform which supported by the target device. Check the USB mouse can go well at the same port. Select the "Mouse" into your platform. This can be found in:Catalog Item Window, add “Core OS\CEBASE\Shell and User Interface\User Interface\Mouse”

3. You can uninstall the catalog items in platform builder by execute setup.exe again.