

Visual Studio Application Wizard Setup

Microsoft Visual Studio can be used to compile, link and debug programs on the Windows platform. There are currently three NX Wizards that have been integrated into Visual Studio and available for use with the Common API. They are:

NX Open Wizard for use with C and C++ programs (found under the VC directory)

NX Open VB Wizard for Visual Basic programs (found under the VB directory)

NX Open C# Wizard for C# programs (found under the VC# directory)

If Visual Studio has been installed on a workstation and then NX is installed locally (on the same workstation), the available NX Wizards will be installed automatically. Otherwise the following steps need to be taken to set up each of the NX Wizards on the local workstation.

Make sure the appropriate version Microsoft Visual Studio has been installed

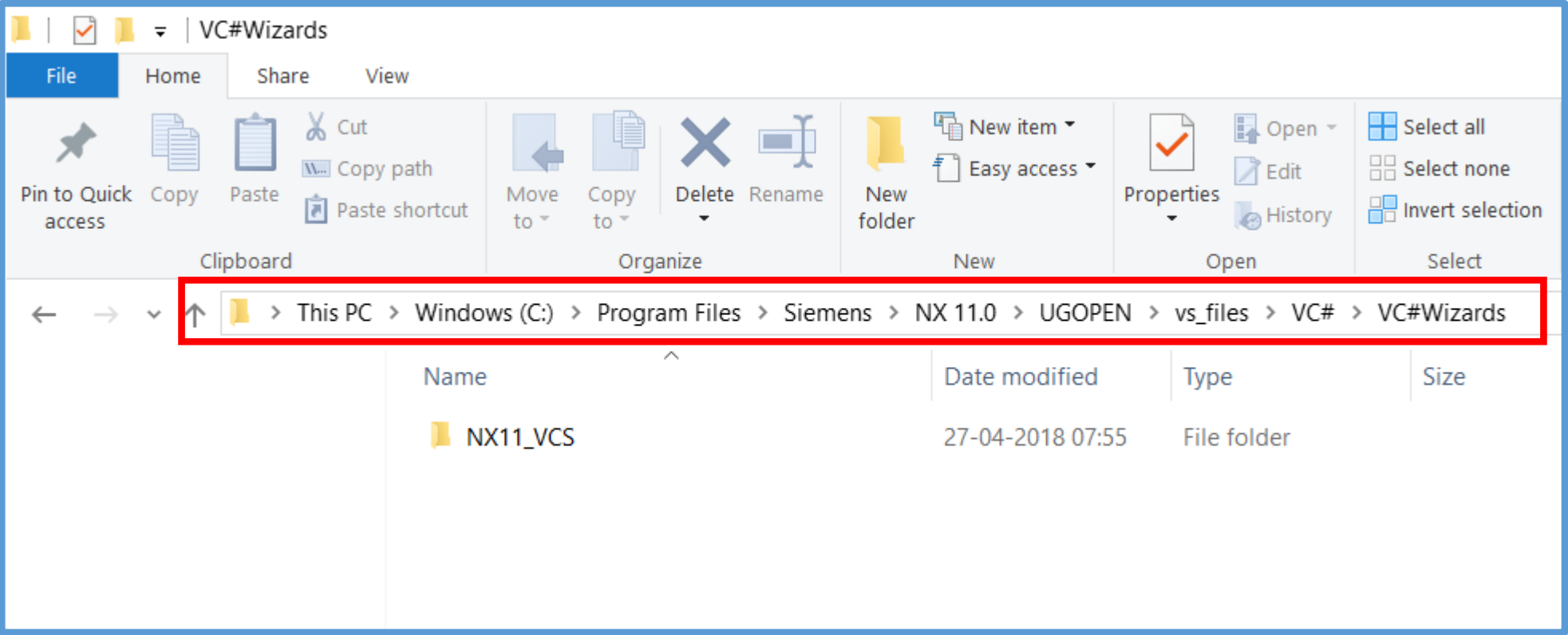
Copy all files from the NX kit to the corresponding directories of the local Visual Studio installation. The kit is located in:
%UGII_BASE_DIR%\ugopen\vs_files

To determine the correct location of the Visual Studio installation, look at the productdir registry key for each language. The key for C and C++ is HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\VisualStudio\version#\Setup\VC/productdir (where version# would be 7.1, 8.0, etc).

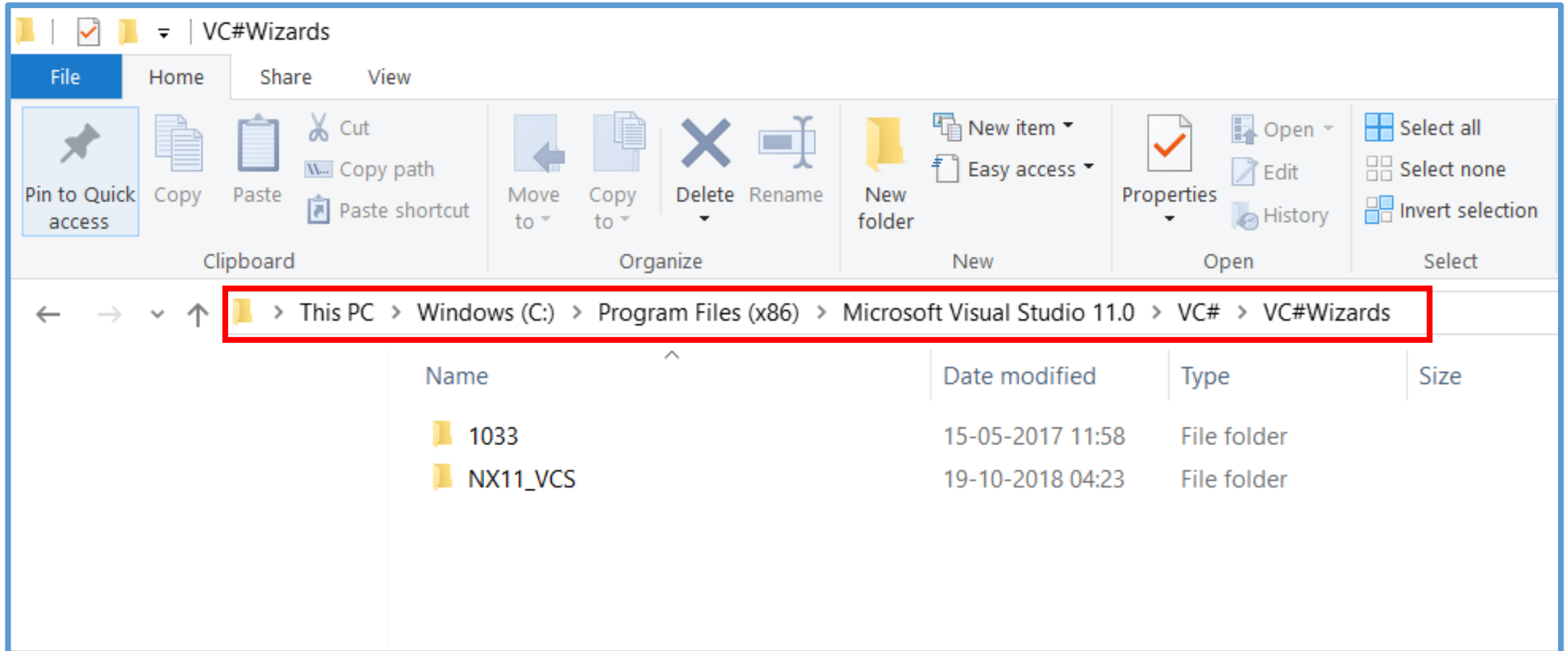
For other languages replace the VC with either VB or VC#.

For each wizard, copy any files and/or folders under each subdirectory from the kit to the Visual Studio installation. Example Shown in following slides

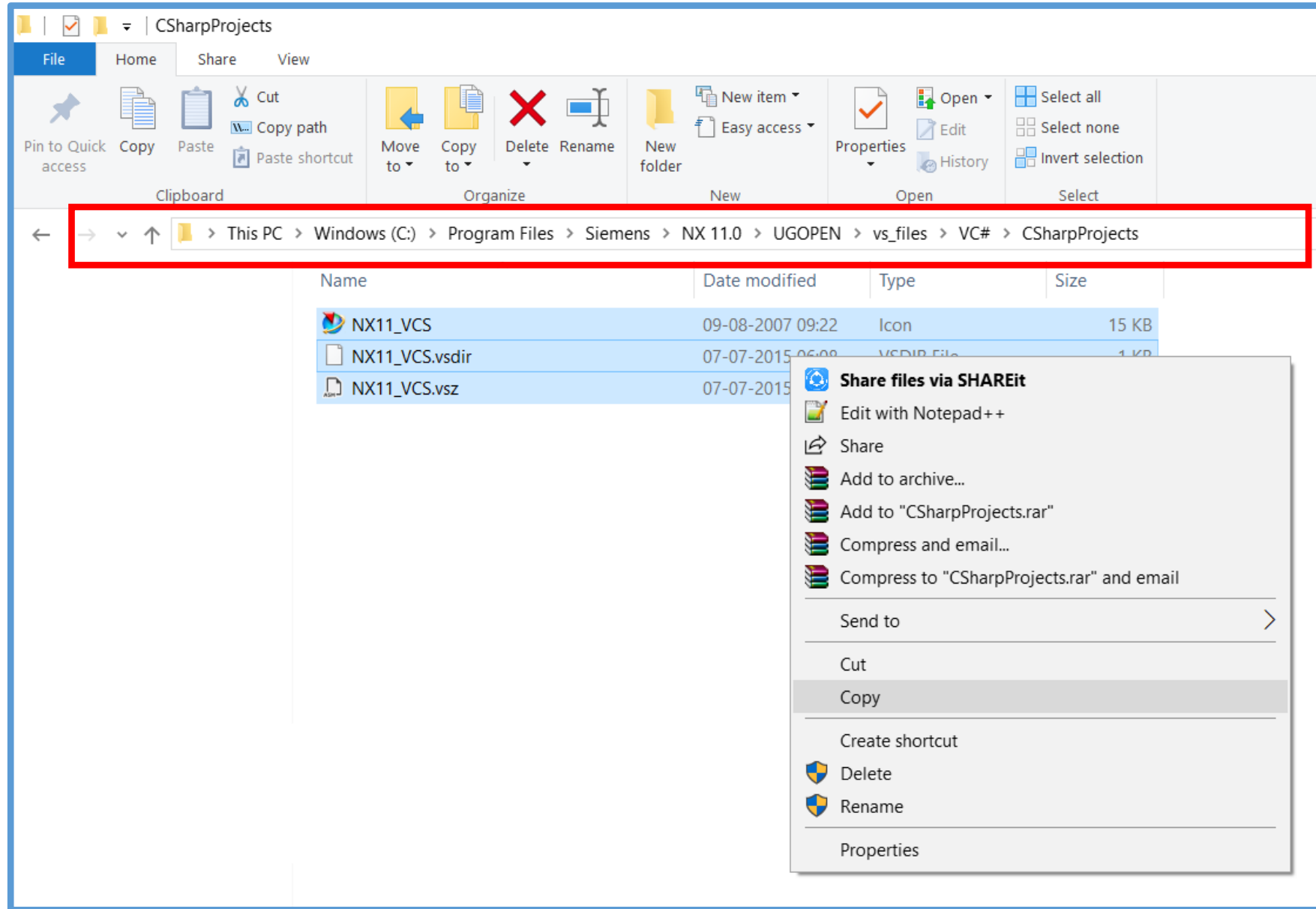
Step-1 Copy Folder From This Path



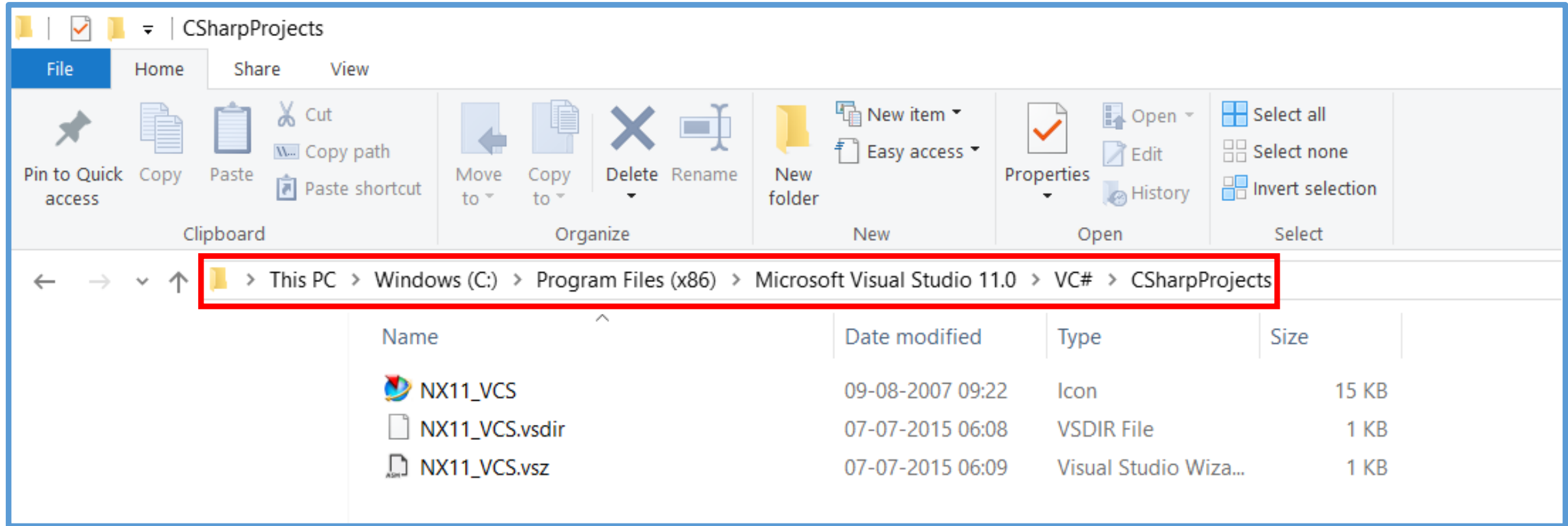
Step-2 Paste In This Path



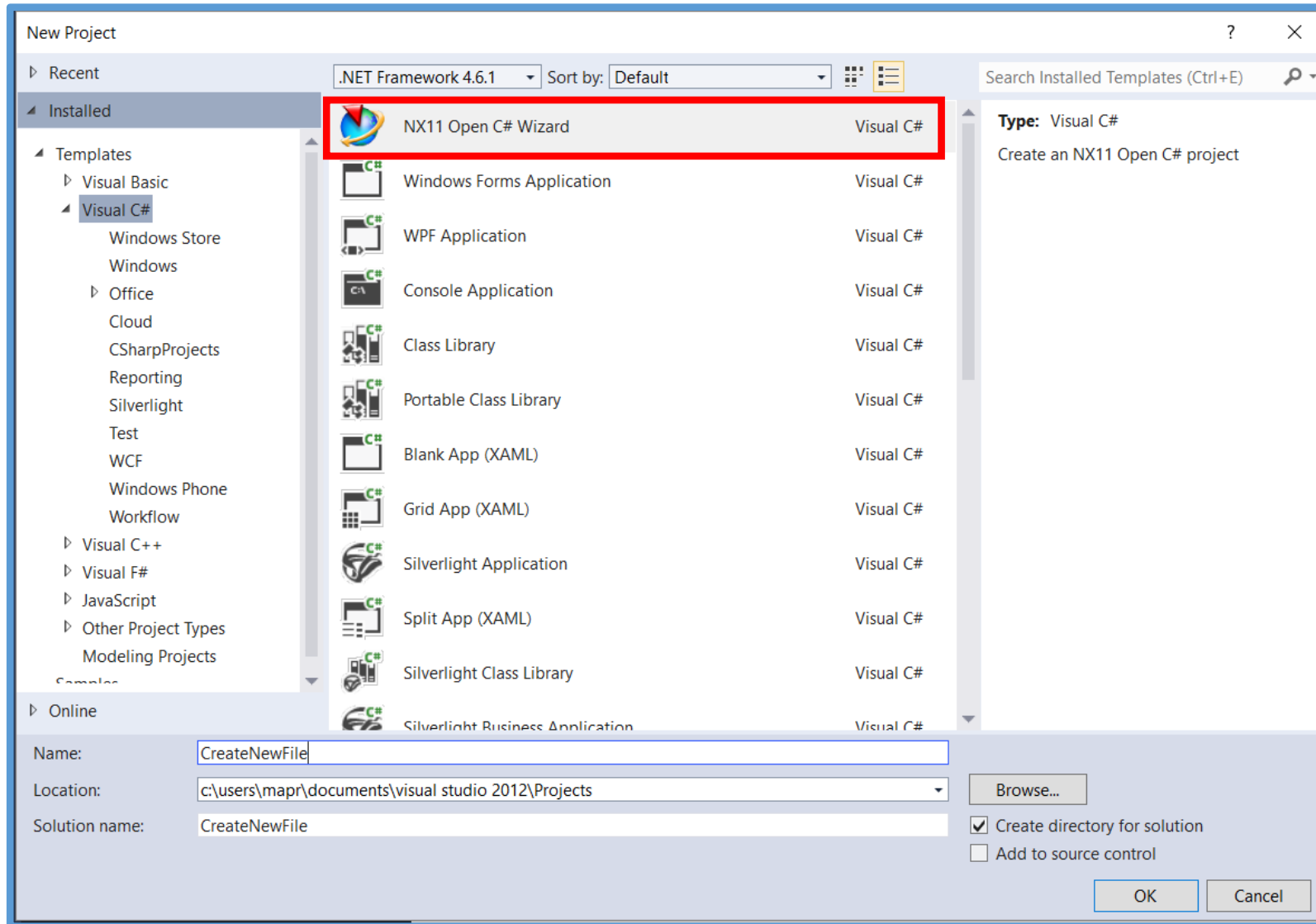
Step-3 Copy 3 files from this path



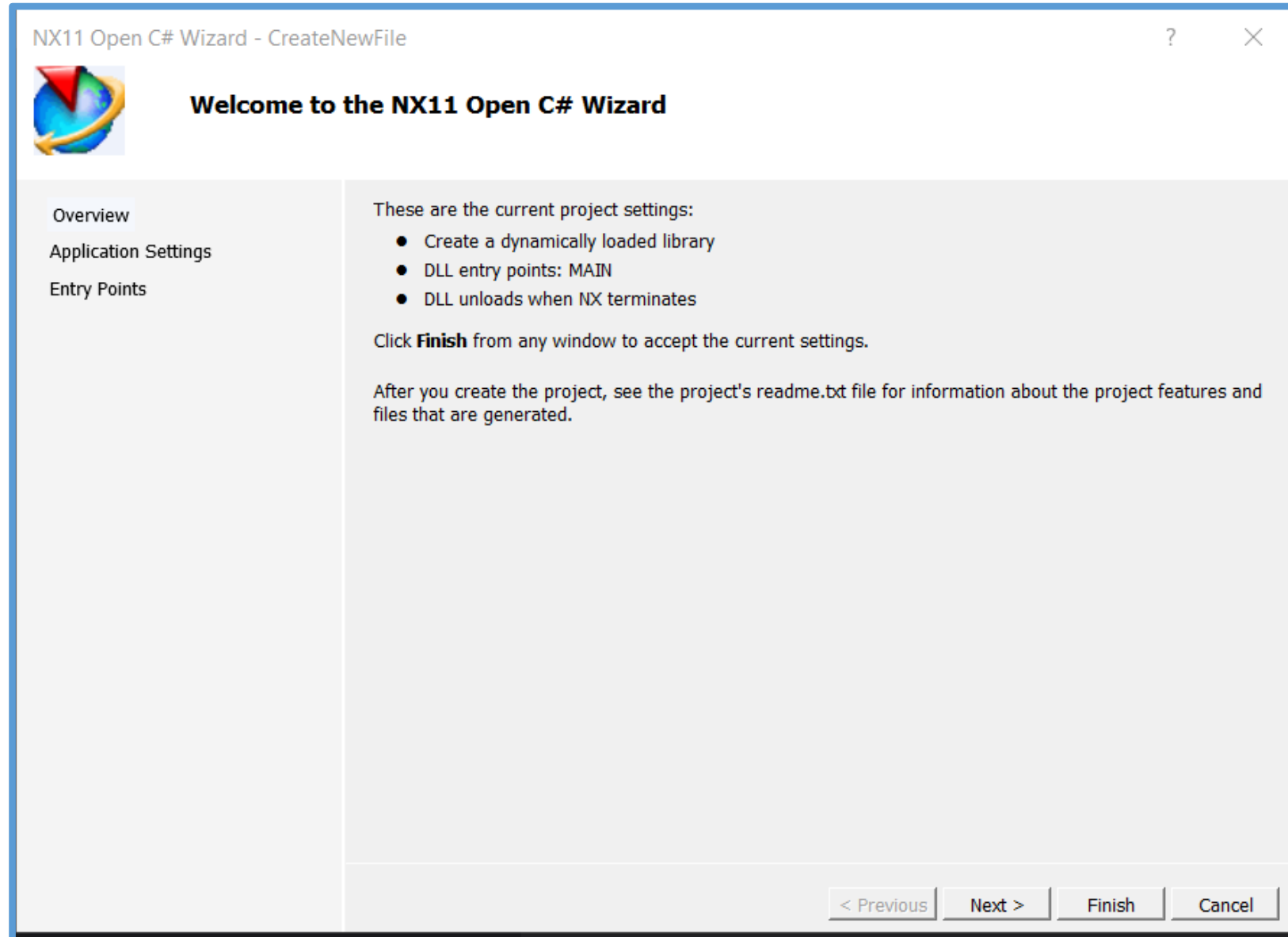
Step-4 Paste 3 files in below path



Step-5 Launch Visual Studio and Select NX(version) OpenC# Wizard




Step-6 Wizard Page 1 -Click Next



Step-7 Wizard Page 2 –Select DLL Application Type

NX11 Open C# Wizard - CreateNewFile

 **Application Settings**

Overview
Application Settings
Entry Points

What type of Open application would you like to create?

☒ An internal application that can be activated from an NX session (DLL)

☐ An external application that runs independent of NX (EXE)

Use APIs:


☒ Use NXOpen.UF API

☒ Use NXOpen.UI API

< Previous Next > Finish Cancel

Step-8 Wizard Page 3 –Select Explicitly and Unload when the application completes

NX11 Open C# Wizard - NX11_Open_CS_Wizard2

 **Entry Points**

Overview
Application Settings
Entry Points

How would you like to activate the application?

☒ Explicitly (Main)

☐ Automatically (Startup)

☐ From a User Exit

Open Part (ufget)
New Part (ufcre)
Save Part (ufput)
Save Part As (ufsvas)
Import Part (ufmrg)

How would you like to unload the application?

☐ Automatically, when the NX session terminates

☒ Automatically, when the application completes

☐ Explicitly, via an unload dialog

< Previous Next > **Finish** Cancel

Click Finish
Button and wait
for the default