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# Setup project in VS2013

1. Download and install

Download and install Microsoft Visual Studio Installer Projects extension from [here](#).

2. Setup Project

    a. After you open a project we want to make a setup file for it, we should add a new setup project to our solution, in my case i have two projects for which i would like to make a setup file WinServiceControlGUI and WSTraining (the service itself):
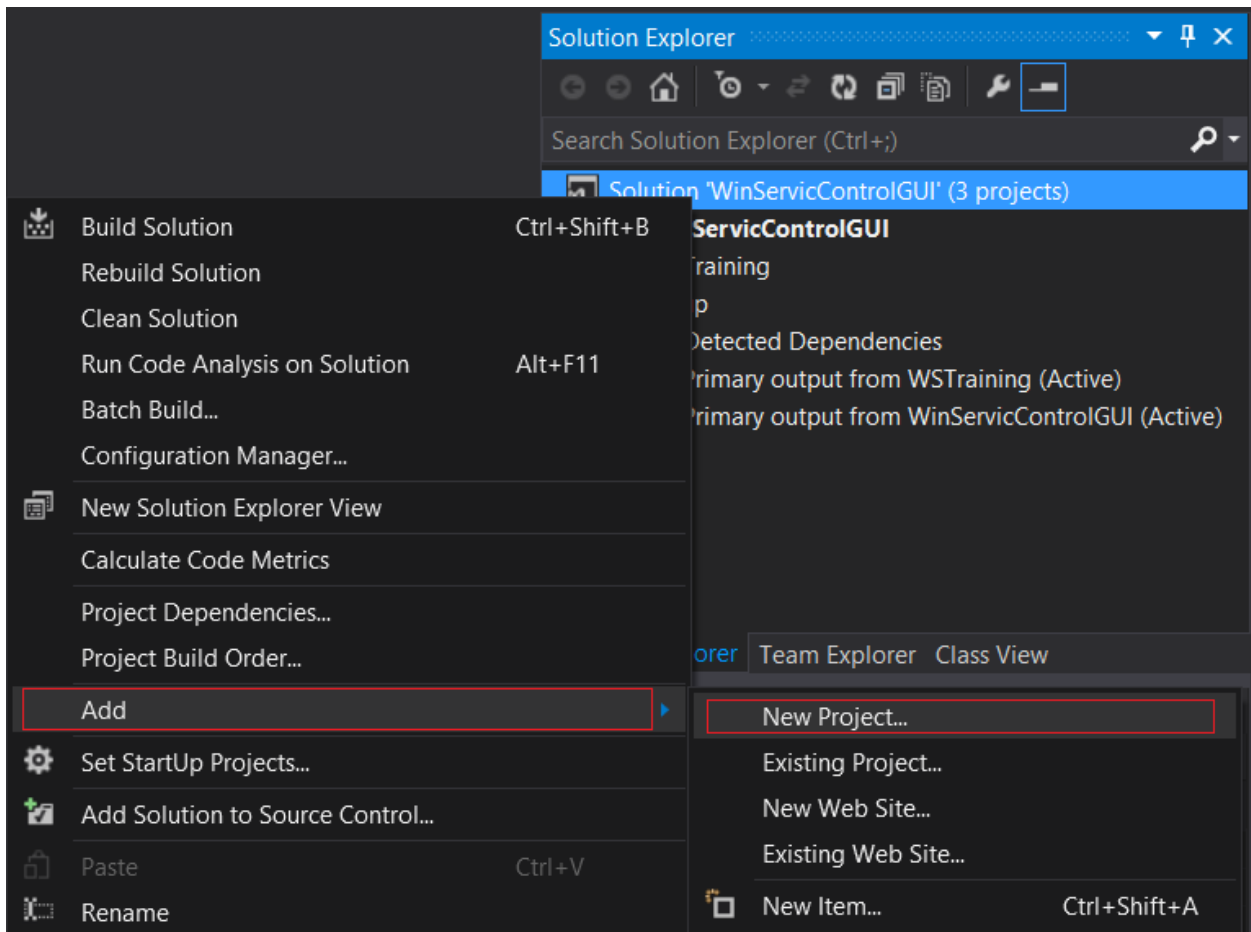
b. In the Add New Project window under Other Project Types => Visual Studio Installer choose Setup Project:
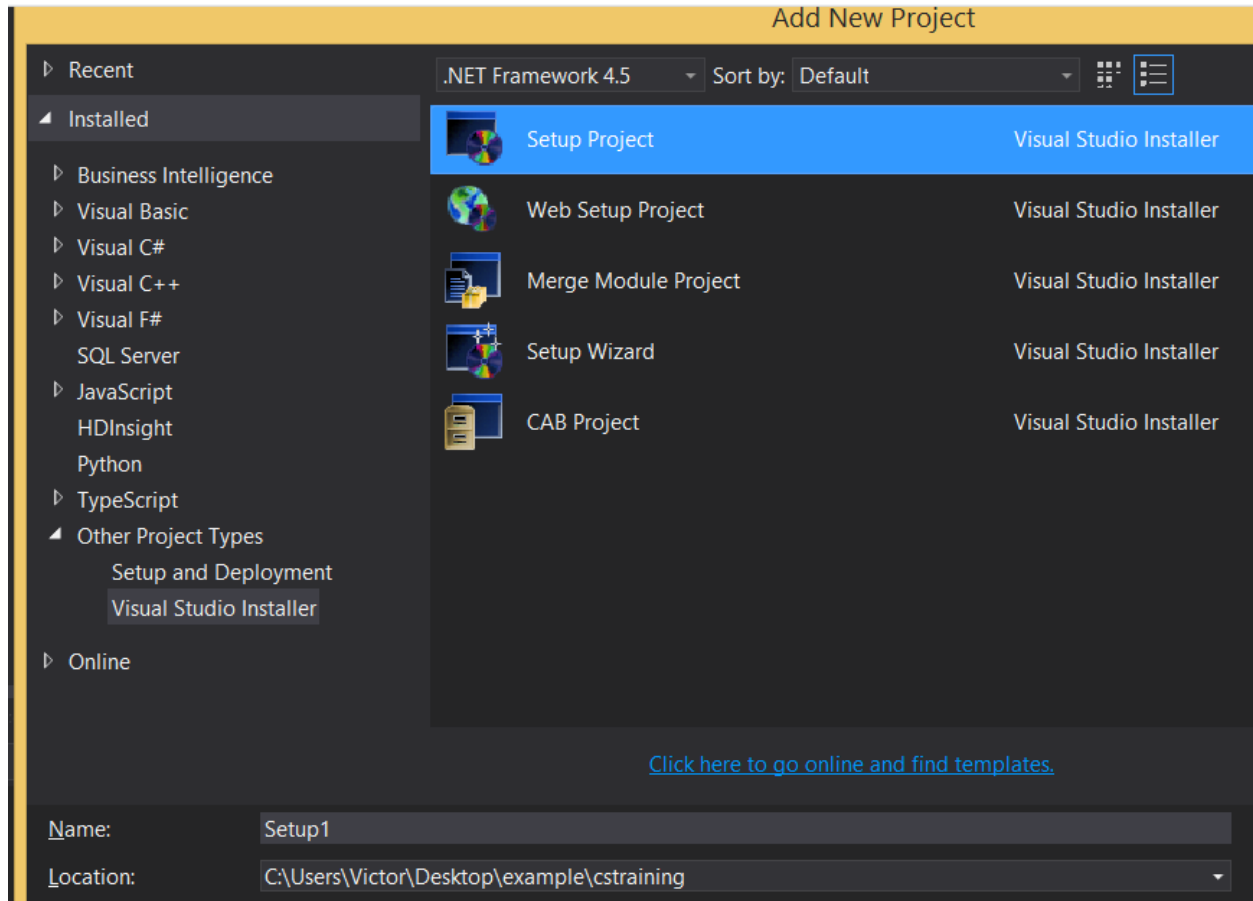
c. In the File System (Setup) right click on Application Folder=>Add=>Project Output
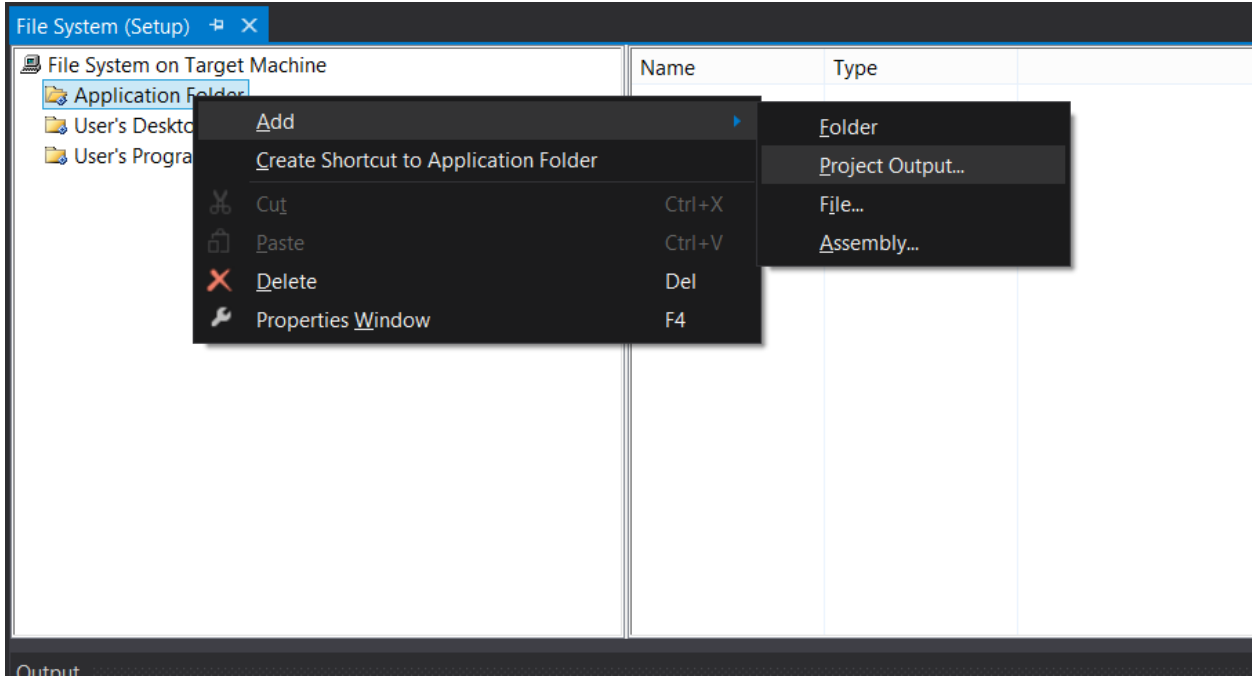
d. In Add Project Output Group window in ComboBox choose the project for which you would like the project output to be packaged, in my case i would like to add two primary outputs, one for WinServiceControlGUI and another one for WSTraining:
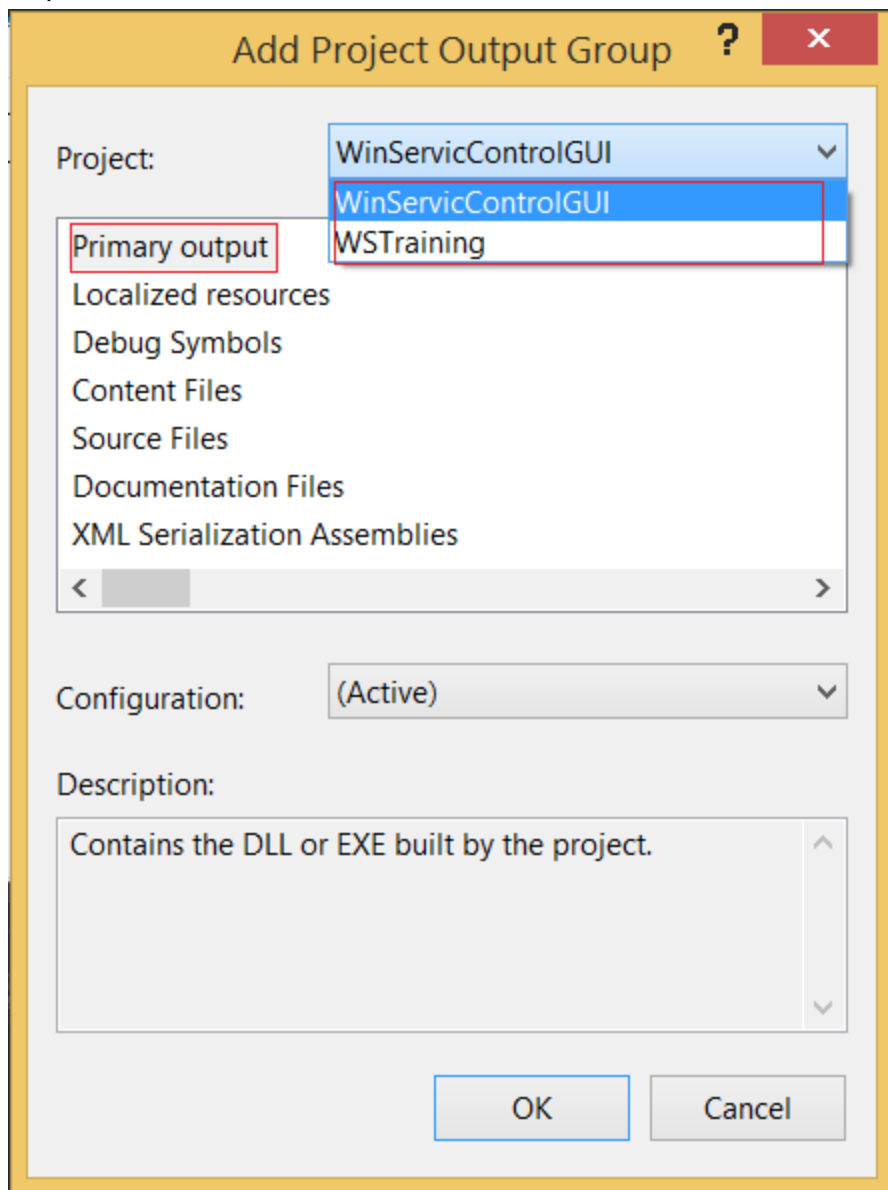
e. Upon clicking OK, the installer picks up all the dependencies and adds it into the dependencies folder for you, a 'Primary output from <project name> (configuration)' also gets created. You can select properties on this file to specify meta data on the installer.

2.1 Add a Service

In my case after setup is finished i would like that the service will be installed, so i should to choose Custom Actions for my Setup. Right click setup project => View => Custom Actions:
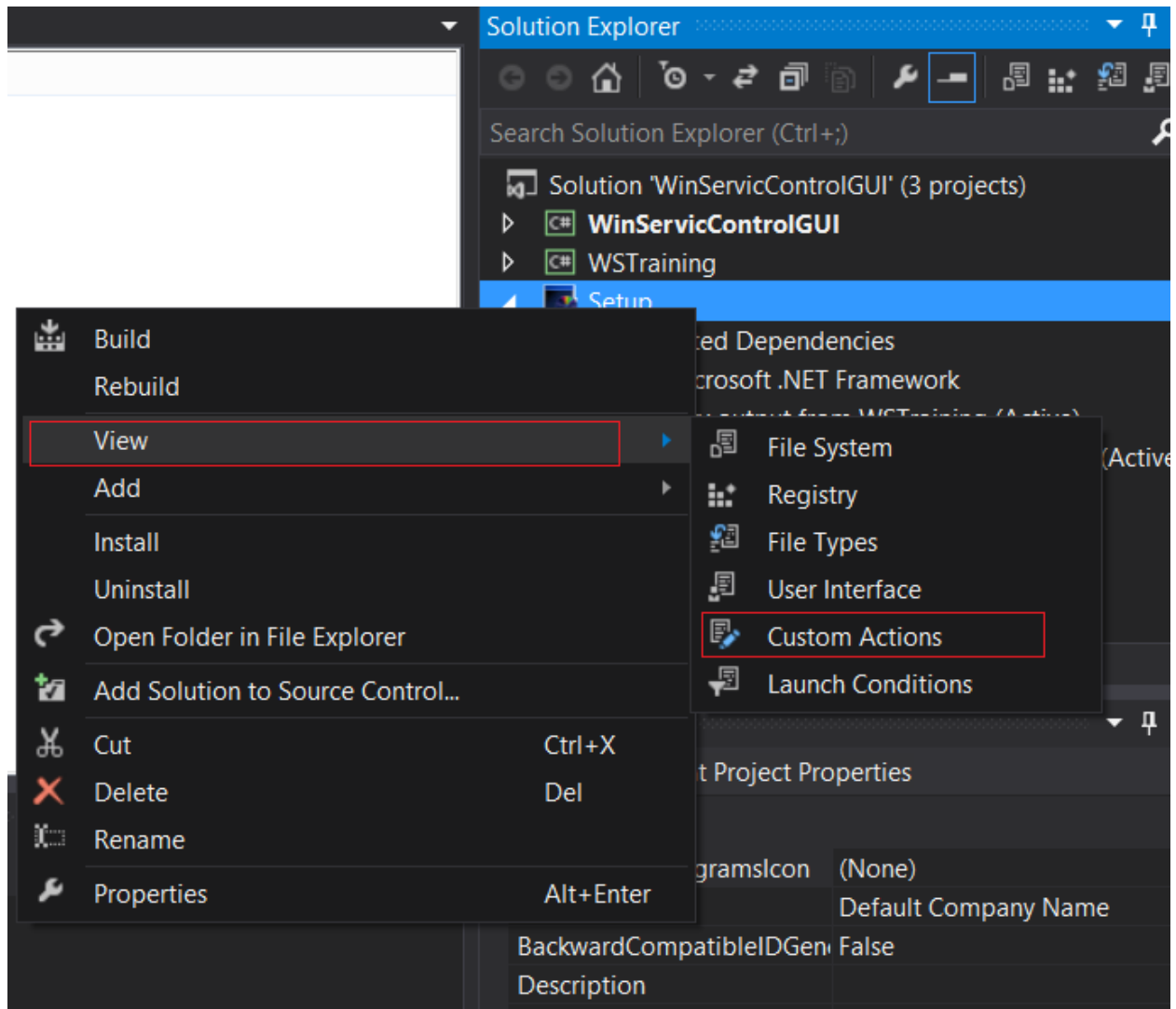
a. In Custom Actions (Setup) window right click on Custom Actions => Add custom action
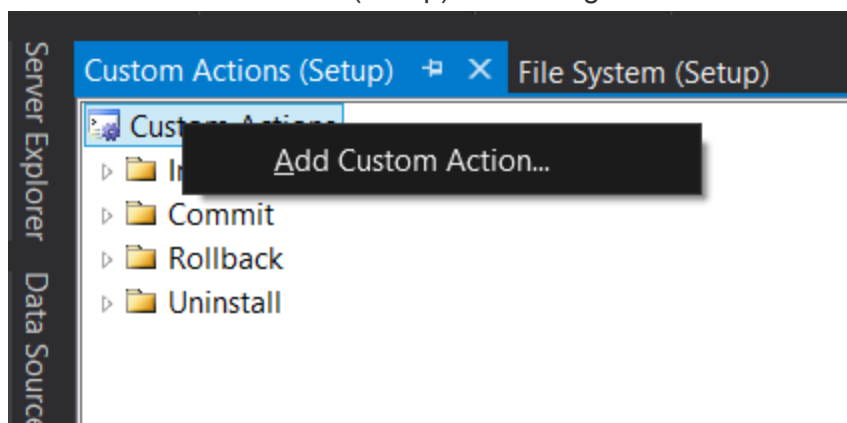
b. Double click on Application folder

Select Item in Project

Look in: 🖥 File System on Target Machine ▾

Application Folder
User's Desktop
User's Programs Menu

Add File...

Add Output...

Add Assembly...

Source path:

Files of type: Executable and Script Files (*.exe;*.dll;*.vbs; ▾

OK   Cancel
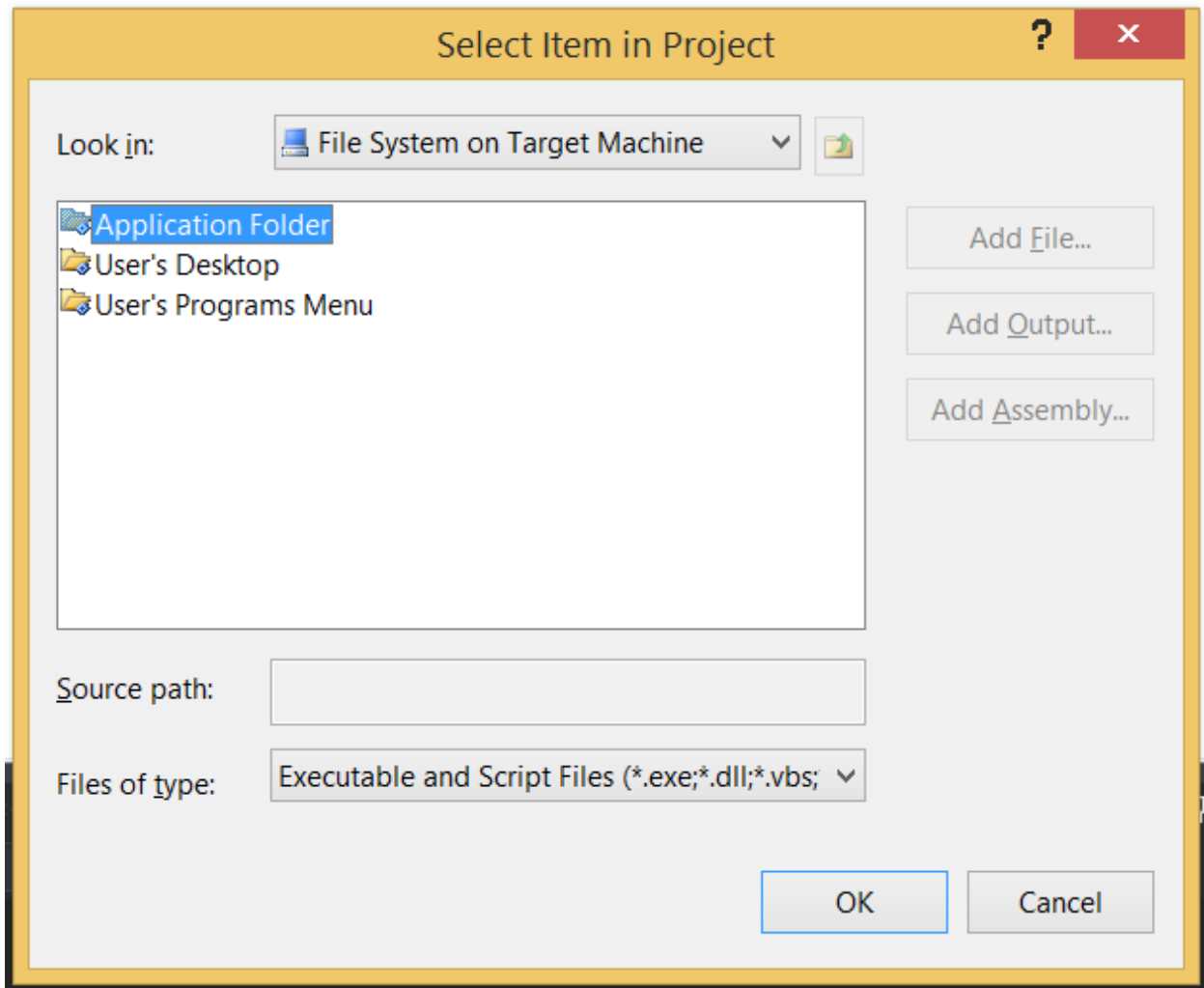
c. You will see the Primary Outputs which we added before

Select Item in Project

Look in: Application Folder

Primary output from WinServicControlGUI (Active)
Primary output from WSTraining (Active)

Add File...

Add Output...

Add Assembly...

Source path:

Files of type: Executable and Script Files (*.exe;*.dll;*.vbs;

OK   Cancel
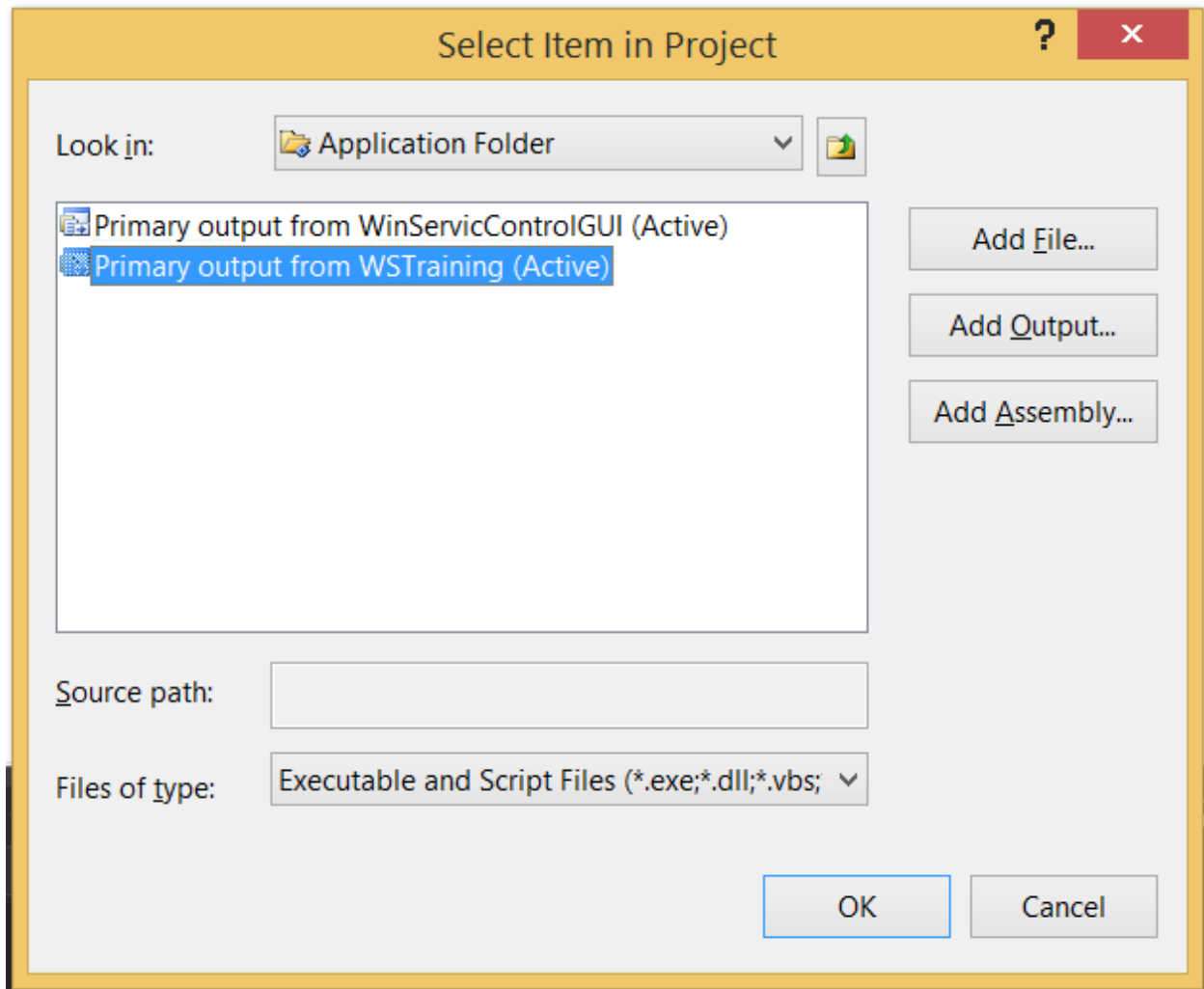
d. I would like to choose the Primary output from WSTraining in order to install the service.

e. Upon clicking OK, the installer adds the Primary output i chose, to Install, Commit, Rollback and Uninstall folders.

3. Configuration Manager:

a. Now go to configuration manager: Build => Configuration Manager

b. In the Configuration Manager dialog, in Configuration select Release option.

c. Make sure the Build checkboxes are checked for all projects.

Configuration Manager				? ✕

Active solution configuration:

Debug ⌄

Active solution platform:

Any CPU ⌄

Project contexts (check the project configurations to build or deploy):

Project	Configuration	Platform	Build	Deploy
Setup	Release ⌄		✔	
WinServicControlGUI	Release	Any CPU	✔	
WSTraining	Release	Any CPU	✔	
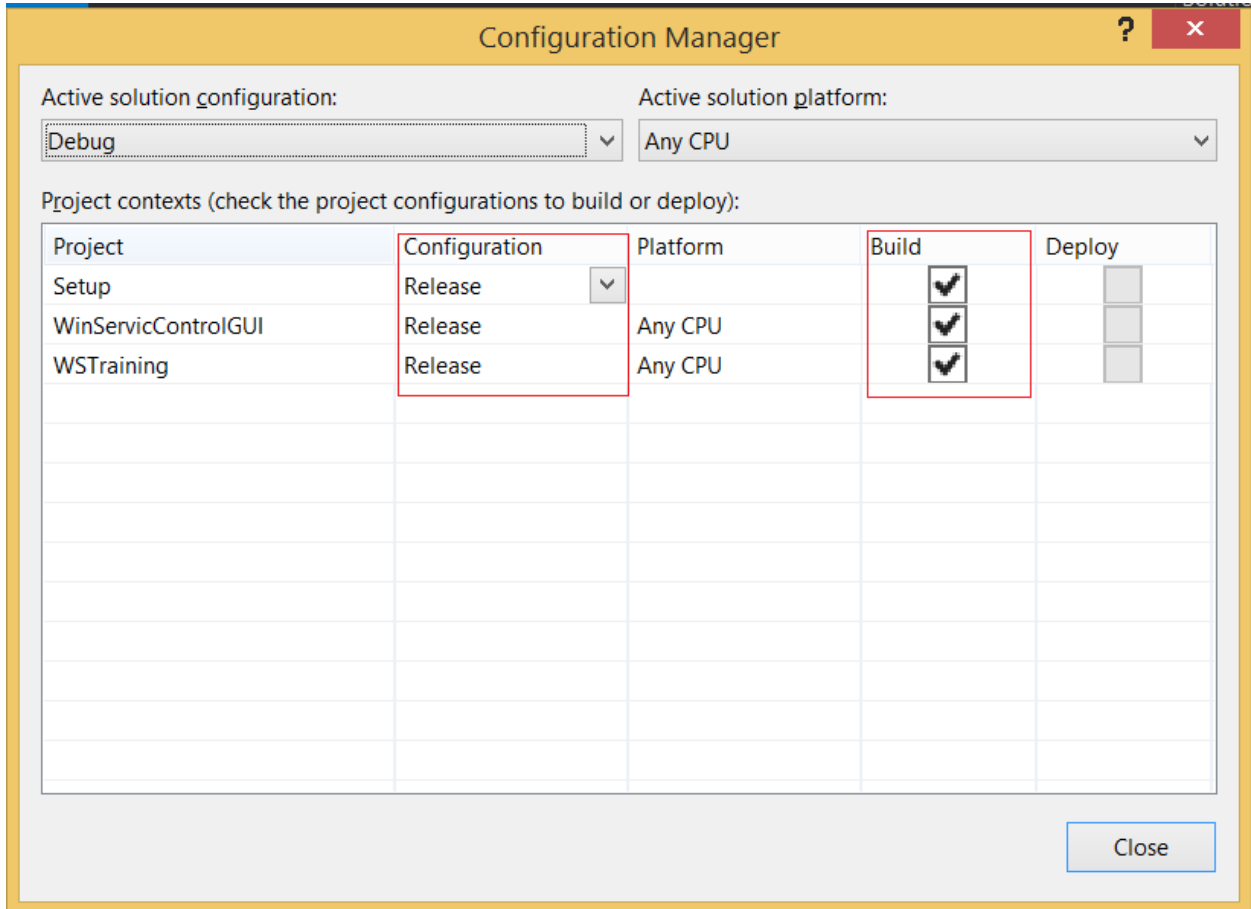
Close

d. Click Close to close the Configuration Manager dialog.

## 4. Build the solution:

    a. Right click your solution and in opened menu click Build Solution.

📥	Build Solution	Ctrl+Shift+B
	Rebuild Solution	
	Clean Solution	
	Run Code Analysis on Solution	Alt+F11
	Batch Build…	
	Configuration Manager…	
📰	New Solution Explorer View	
	Calculate Code Metrics	
	Project Dependencies…	
	Project Build Order…	
	Add	▶
⚙	Set StartUp Projects…	
📲	Add Solution to Source Control…	
🔒	Paste	Ctrl+V
📋	Rename	
↪	Open Folder in File Explorer	
🔧	Properties	Alt+Enter

Solution 'WinServicControlGUI' (3 projects)
- WinServicControlGUI
- WSTraining
- Setup
  - Detected Dependencies
    - Microsoft .NET Framework
  - Primary output from WSTraining (Active)
  - Primary output from WinServicControlGUI (Active

Solution Explorer   Team Explorer   Class View

Properties   ▼ 📌

WinServicControlGUI Solution Properties

(Name)	WinServicControlGUI
Active config	Debug|Any CPU
Description	
Path	C:\Users\Victor\Desktop\v\
Startup project	WinServicControlGUI

b. After build finishes, Setup folder with released setup and .msi files in the Release folder will be created.
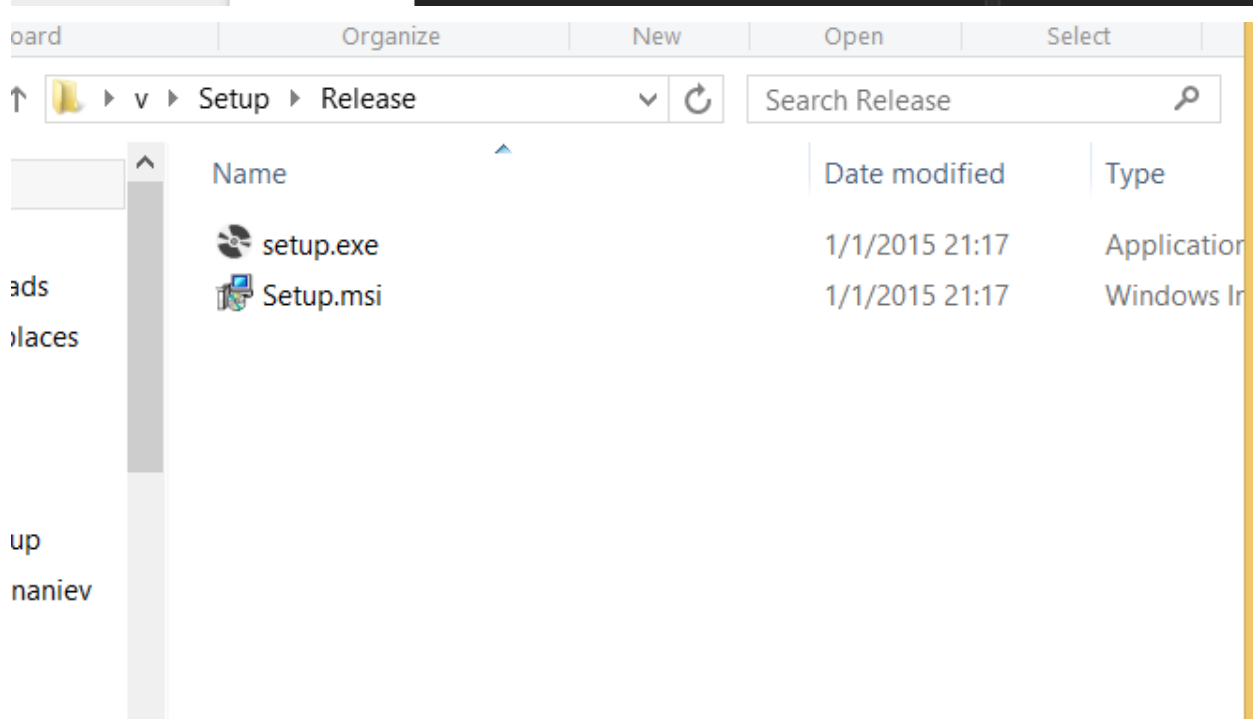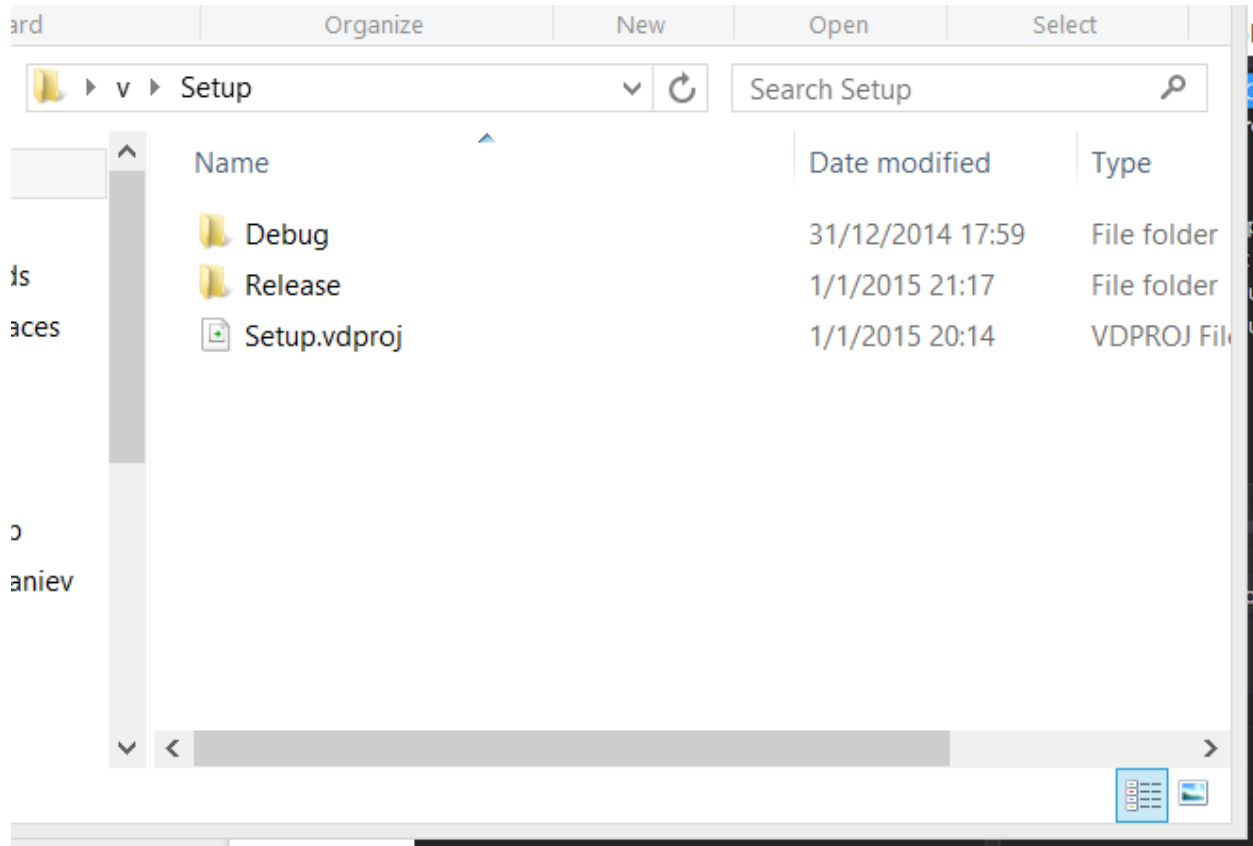
c. Thats all, our installation package is ready.