

NuGet - Integrating NuGet with Visual Studio 2008 and 2005:

Prerequisites:

- .NET Framework 4.0 or higher
- NuGet 2.2

Check if .NET Framework 4.0 or higher is installed in the Computer from Control Panel → Get programs

Or else

Run the following command from Windows Command Prompt:

```
>dir /b %windir%\Microsoft.NET\Framework\v*
```

Running the aforesaid command should list the .NET Framework versions installed as follows:

```
v1.0.3705  
v1.1.4322  
v2.0.50727  
v3.0  
v3.5  
v4.0.30319
```

Note: Most Windows machines may have .NET Framework 4.0 or higher installed as part of Windows (Recommended) Update.

If V4.X is not installed, then download and install

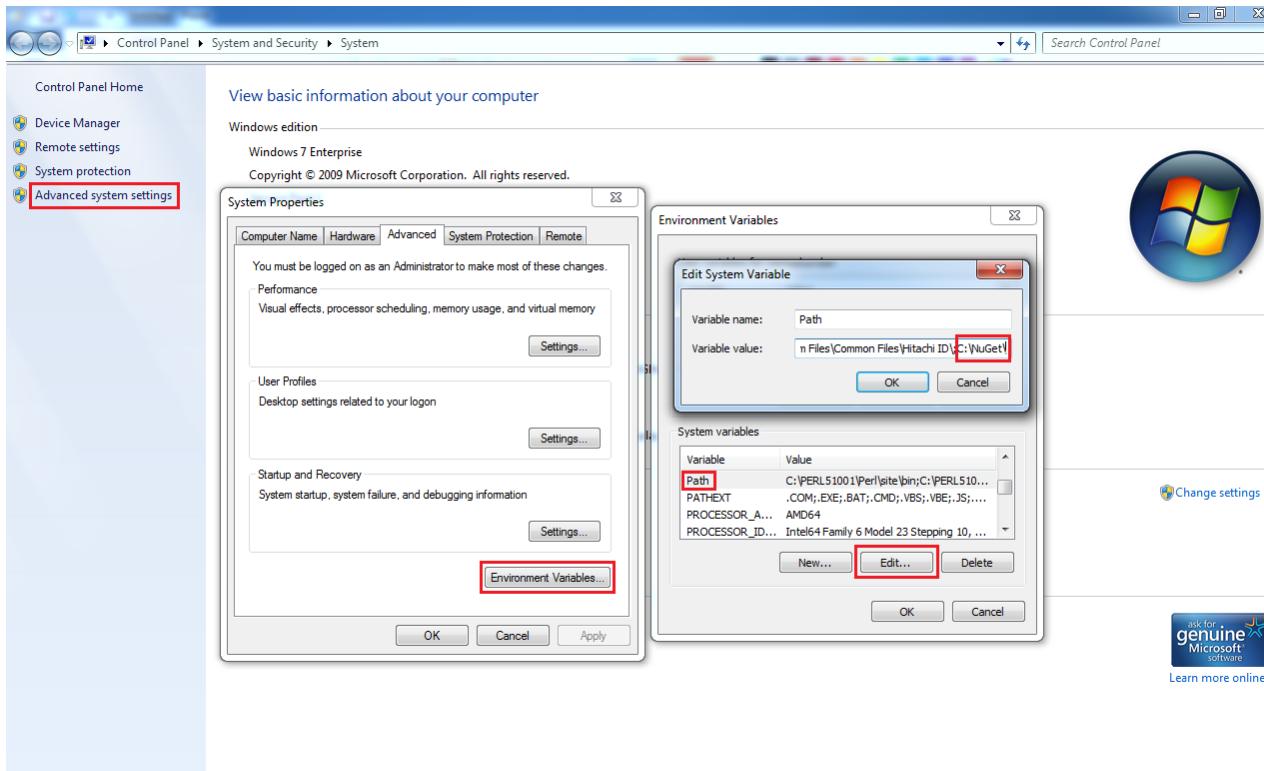
- .NET Framework 4 (Standalone Installer) – (free to download):
<http://www.microsoft.com/en-in/download/details.aspx?id=17718>

Or else

- .NET Framework 4 (Web Installer) – (free to download):
<http://www.microsoft.com/en-in/download/details.aspx?id=17851>

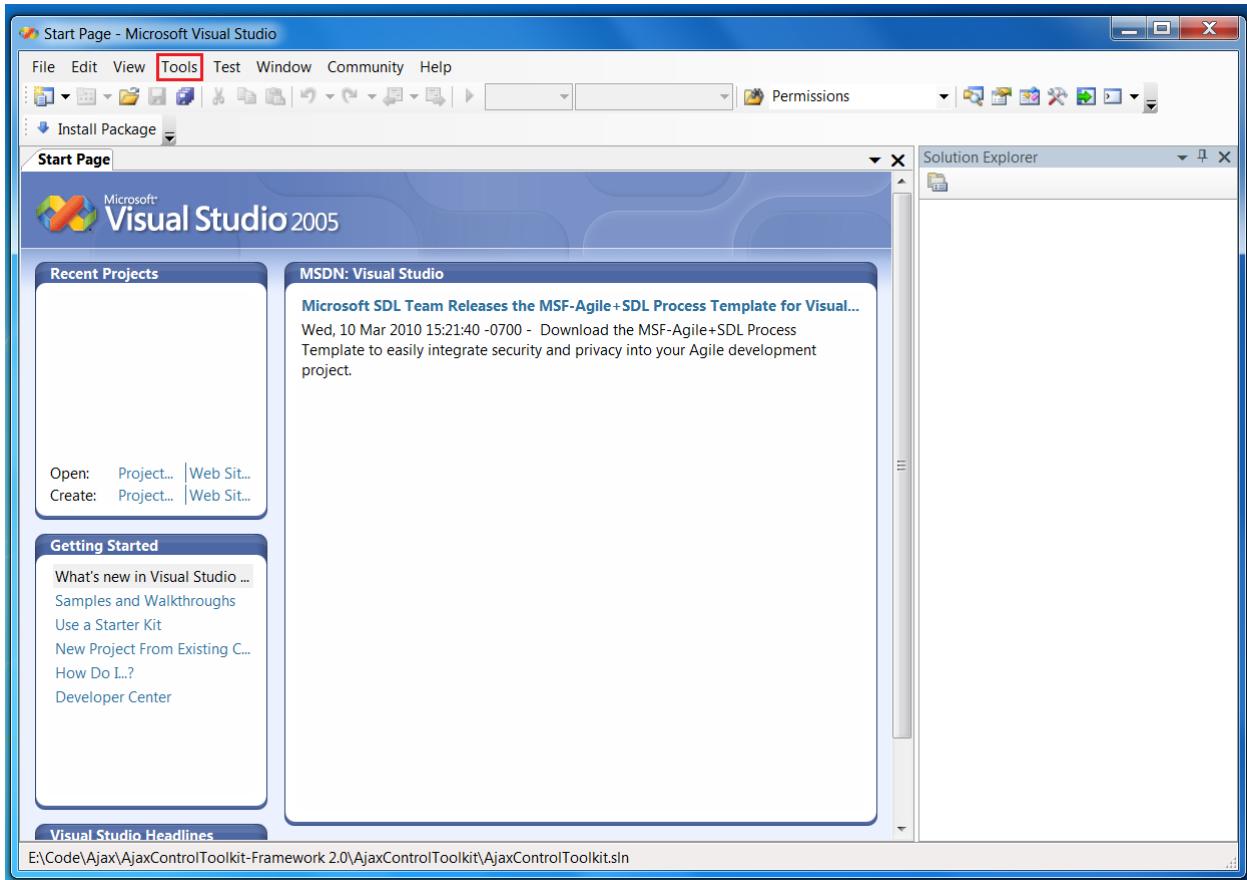
Download NuGet.exe Command Line (free to download):
<http://nuget.codeplex.com/releases/view/58939>

Save NuGet.exe to a folder viz., 'C:\NuGet' and add its path to the Environment Variables Path:

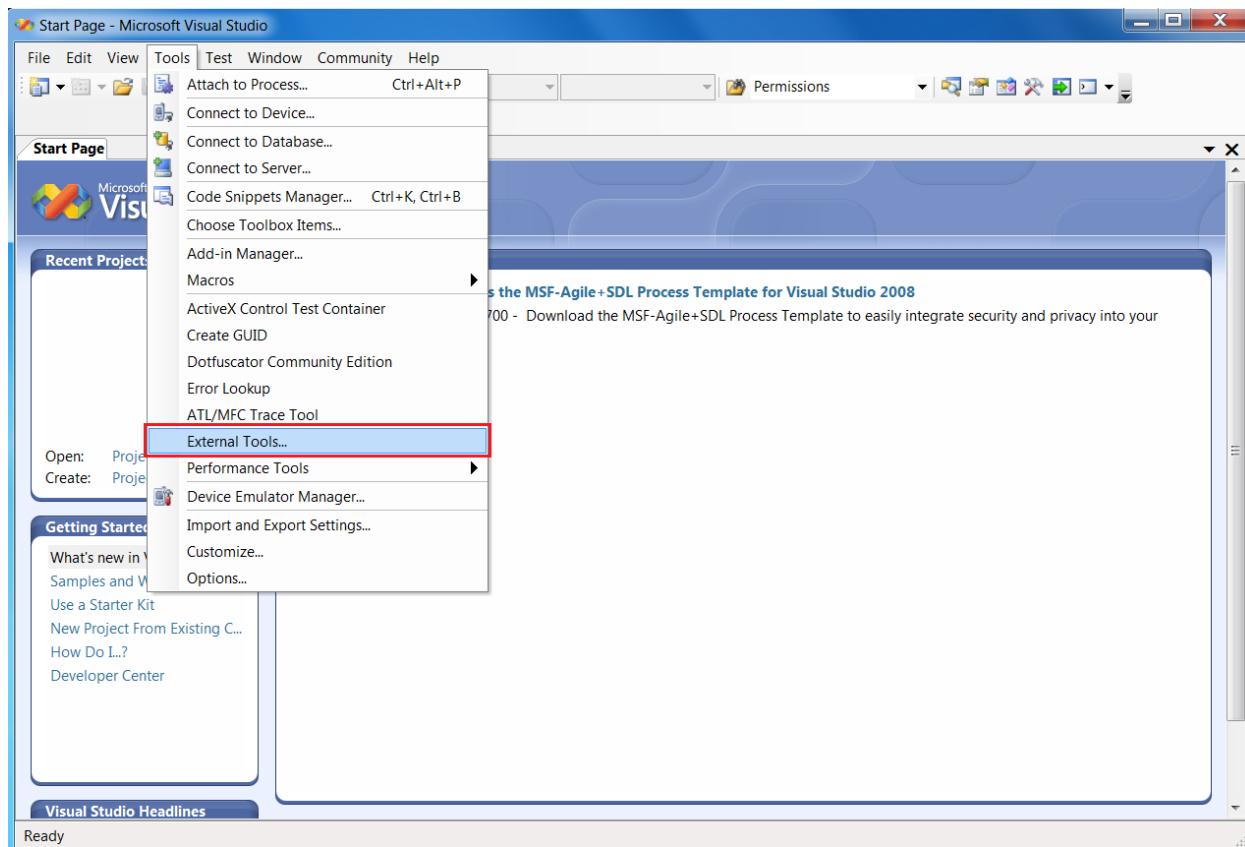


Visual Studio 2008 or 2005

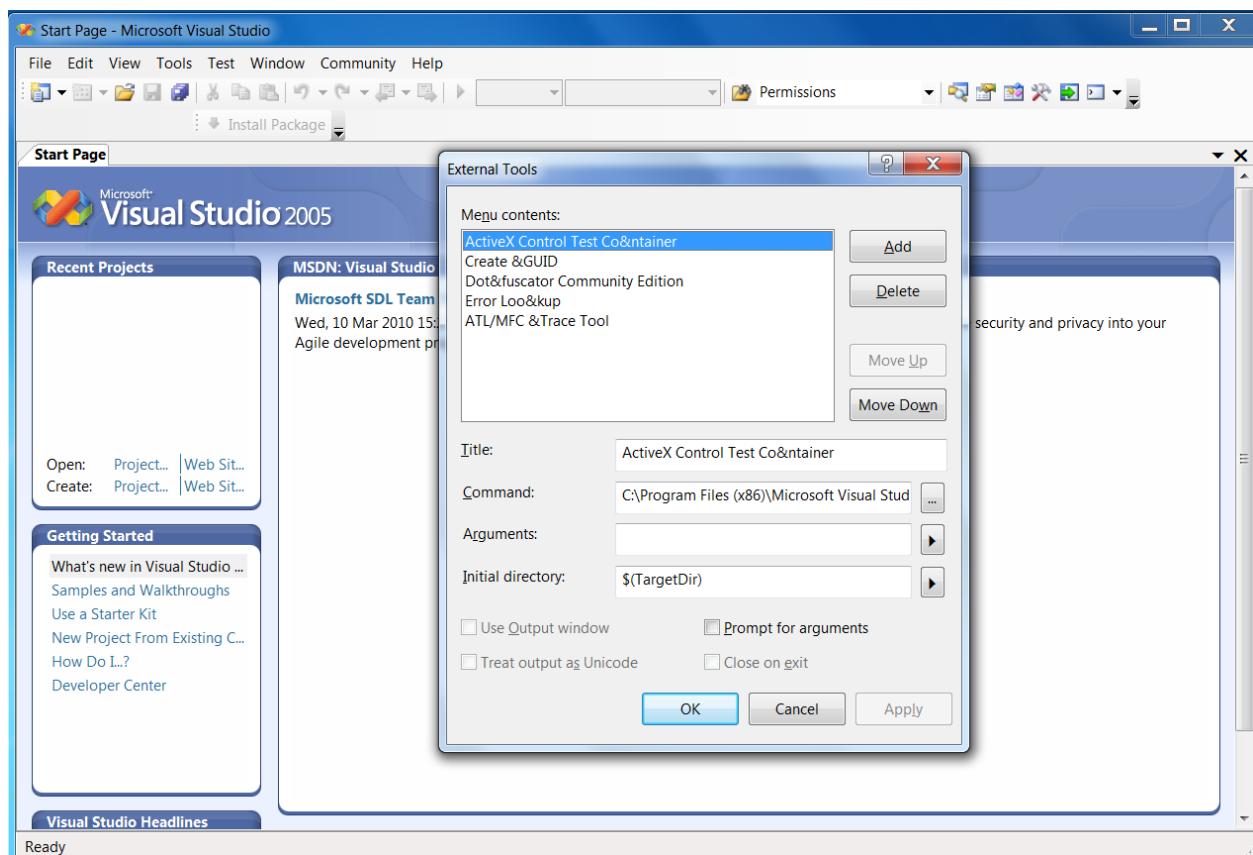
Go to Menu → Tools



Select External Tools...



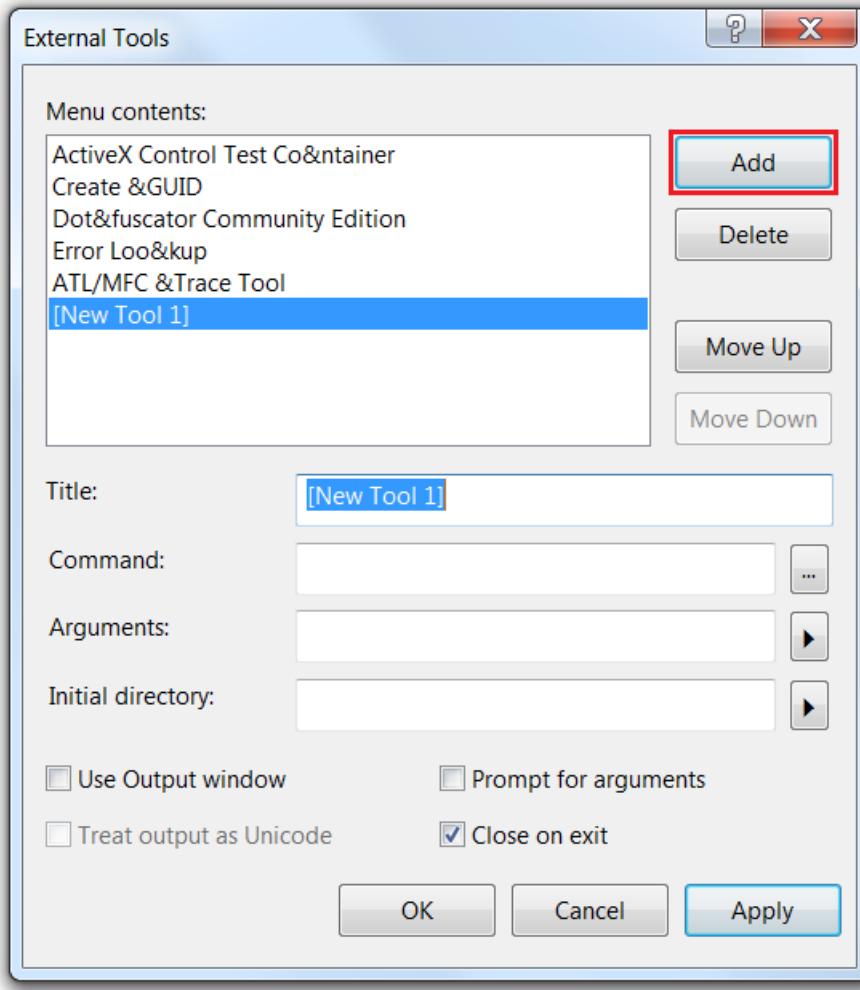
External Tools



External Tools having 5* default tools in the Menu contents

*Note: The number of default tools may differ depending on the particular Visual Studio installation

Click Add



Enter the following:

Title: NuGet Install

Command (Having set the Environment Variables Path): NuGet.exe

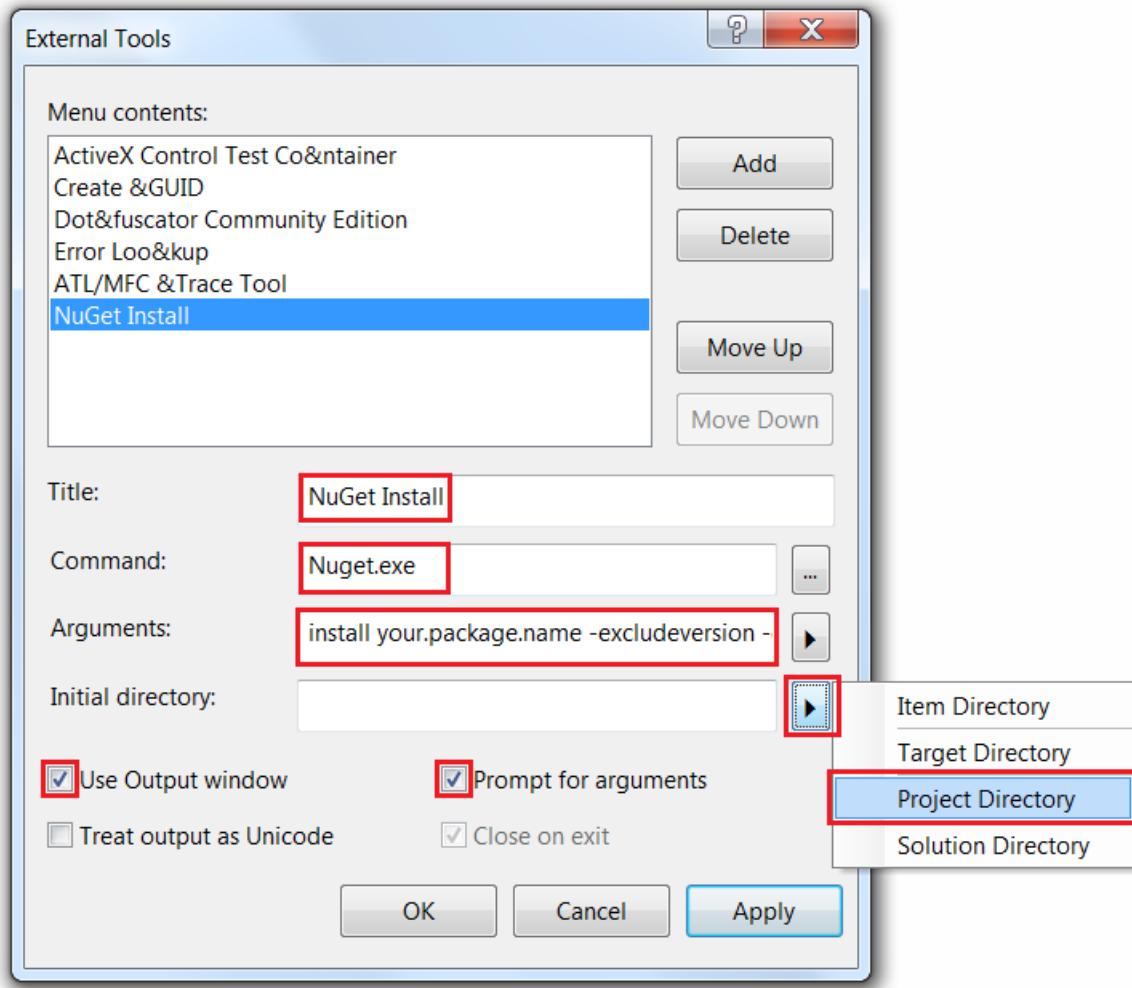
Arguments: install your.package.name -excludeversion -outputDirectory .\Packages

Ensure the following:

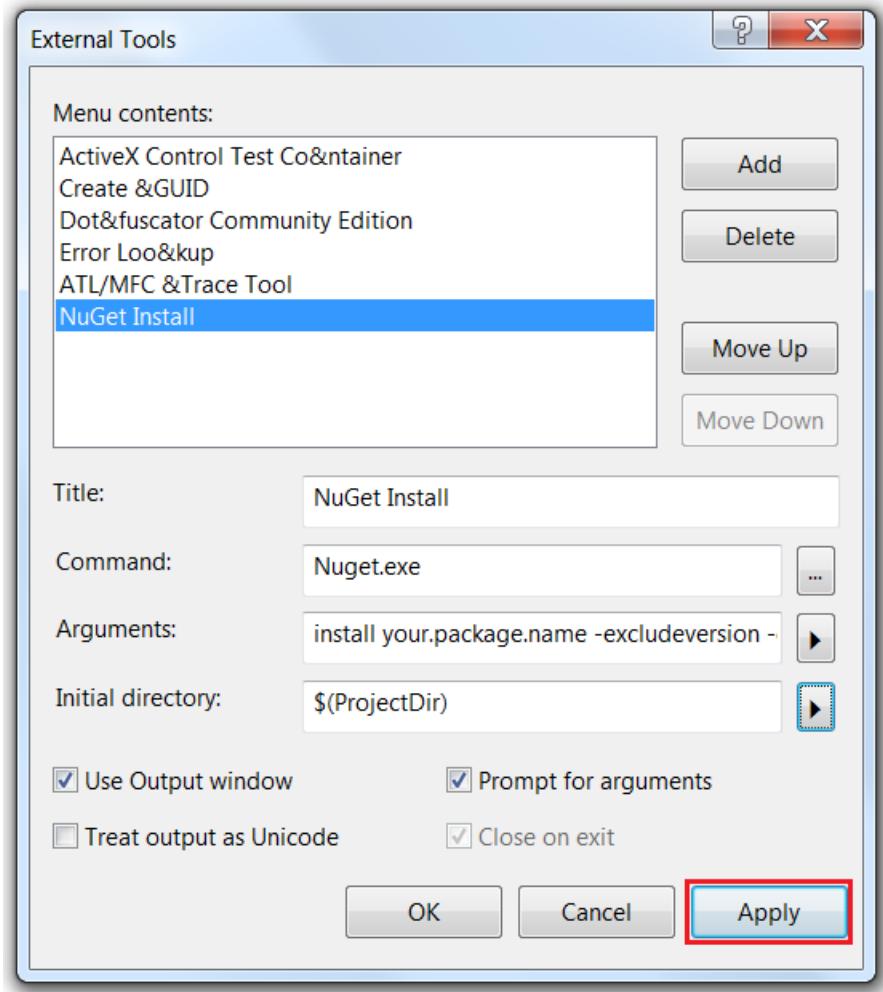
Initial directory: Select Project Directory i.e., \$(ProjectDir)

Use Output window: Check

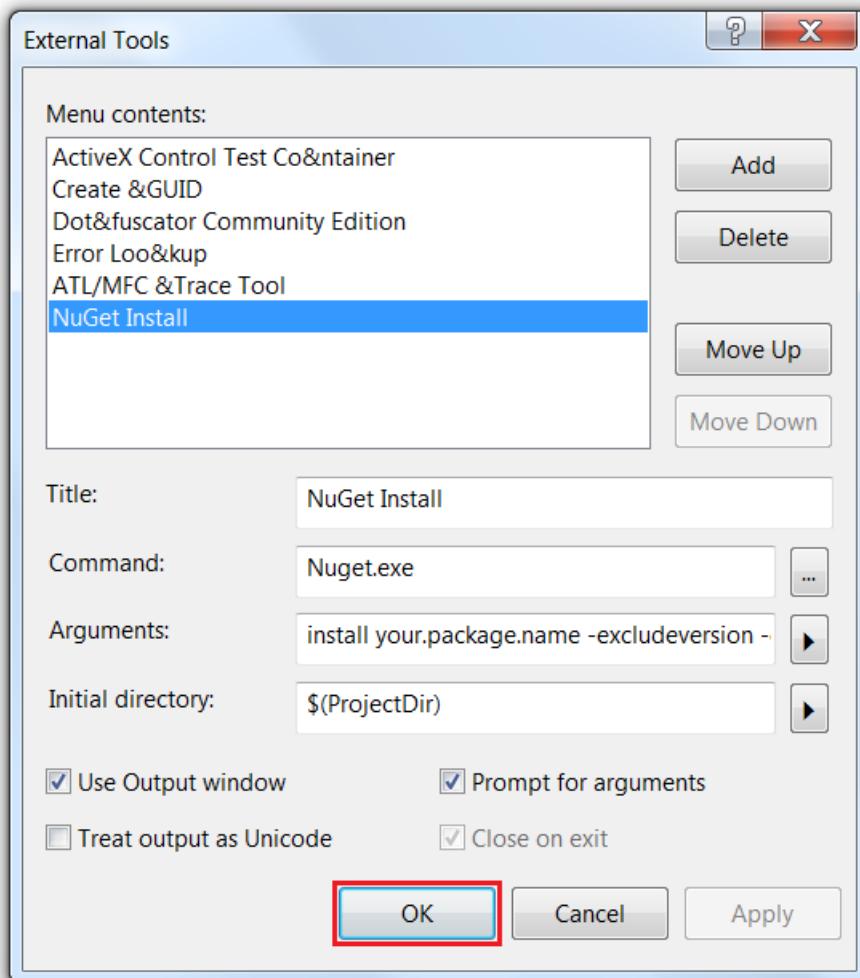
Prompt for arguments: Check



Click Apply

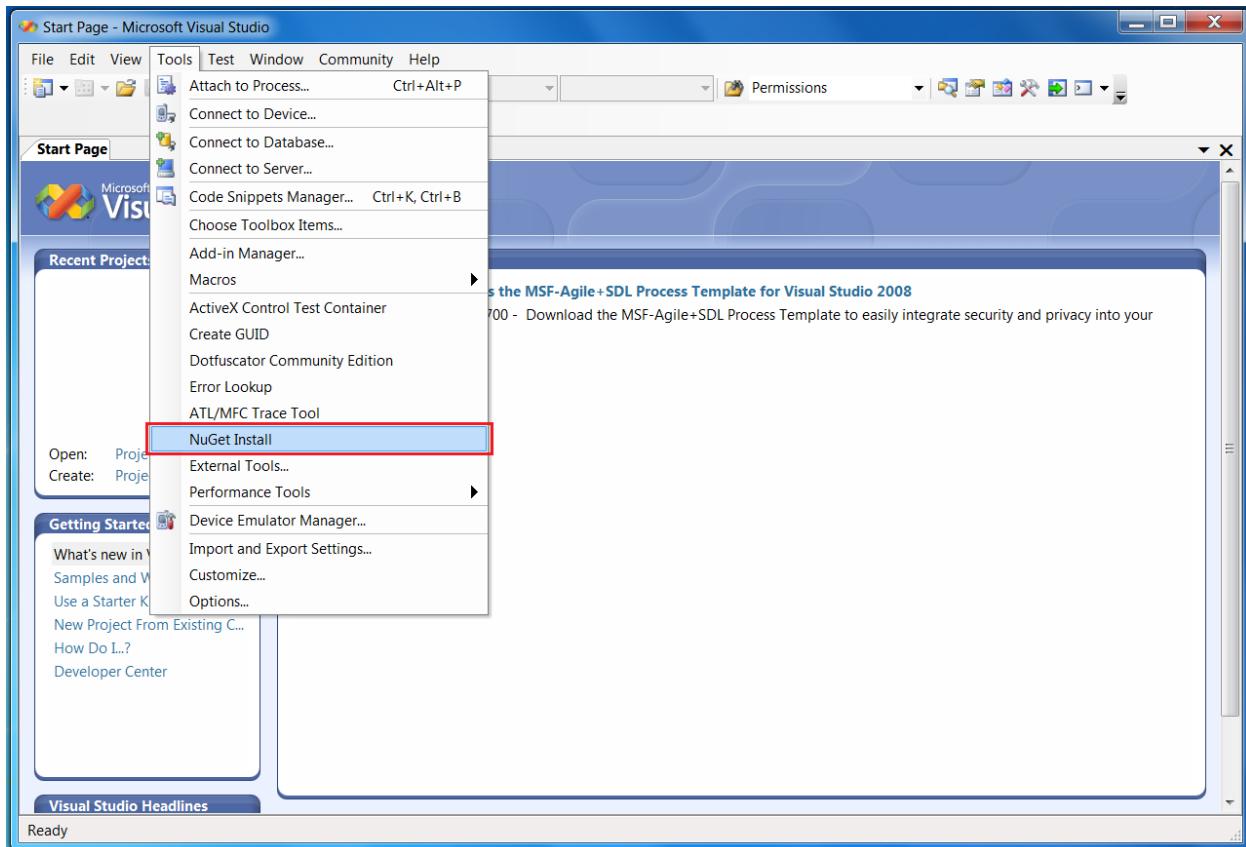


Click OK

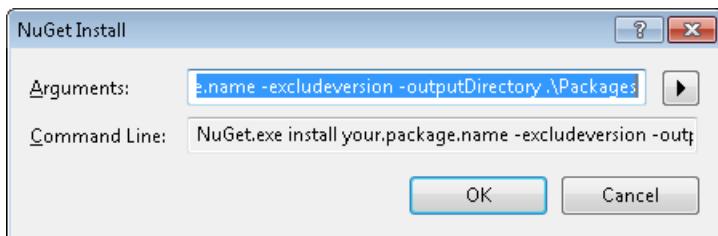


On Clicking Apply and OK, let the NuGet Install be added (as External Command 6) to Menu → Tools*

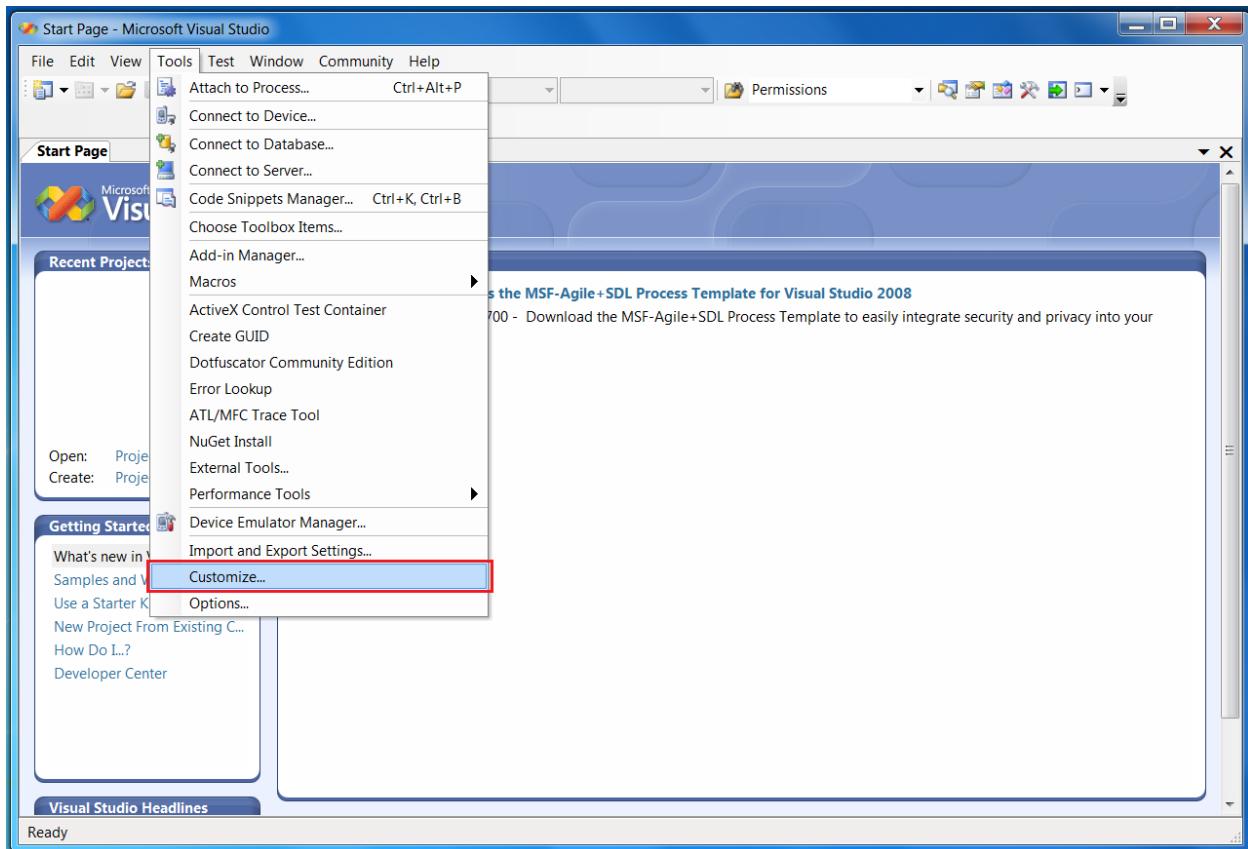
**Note: The External Command number may differ depending on the particular Visual Studio installation*



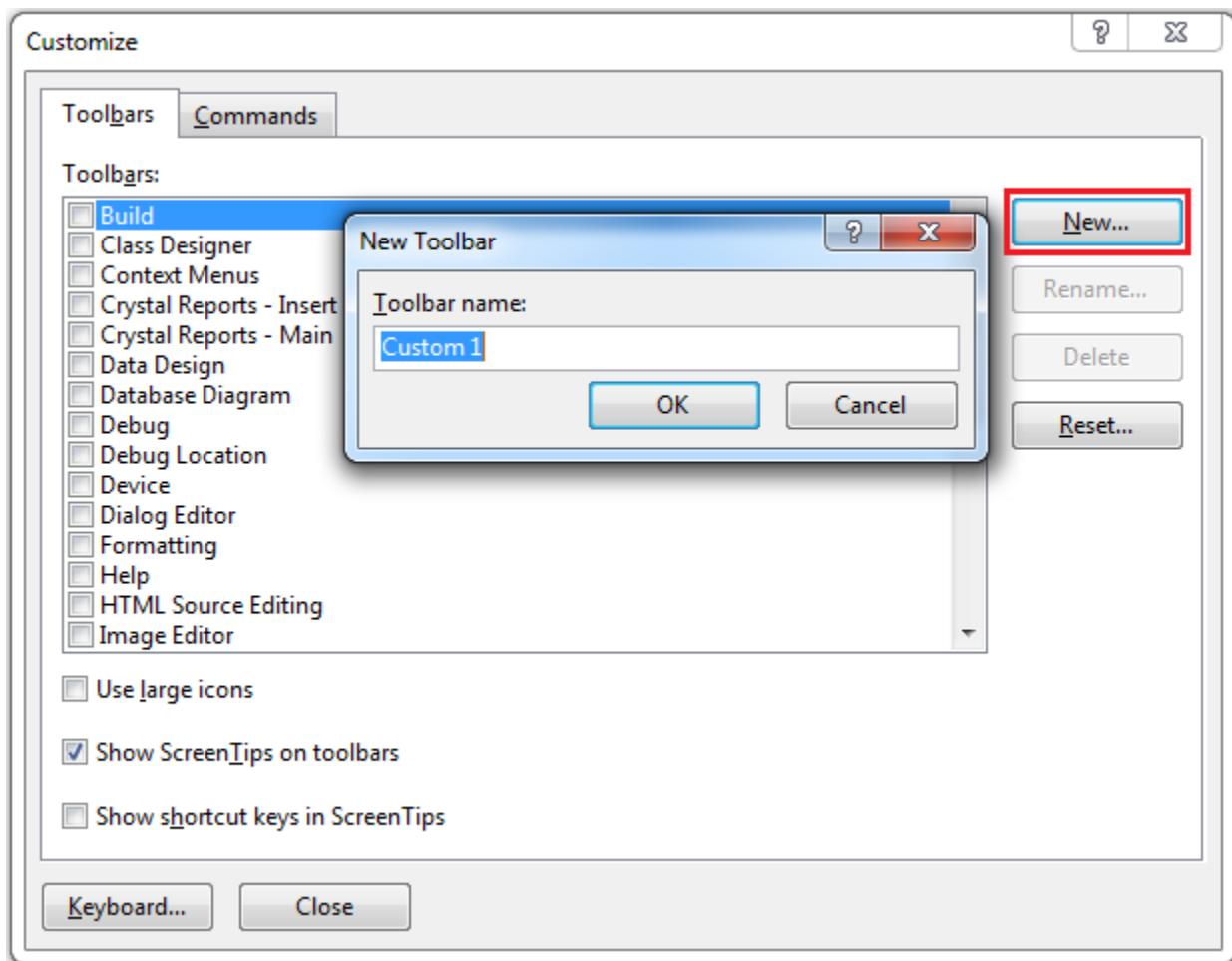
Menu → Tools, clicking NuGet Install will pop up for NuGet Install Arguments and Command Line



*Also, let the NuGet Toolbar be added to Visual Studio
Right-click on Visual Studio Menu and select Customize...*

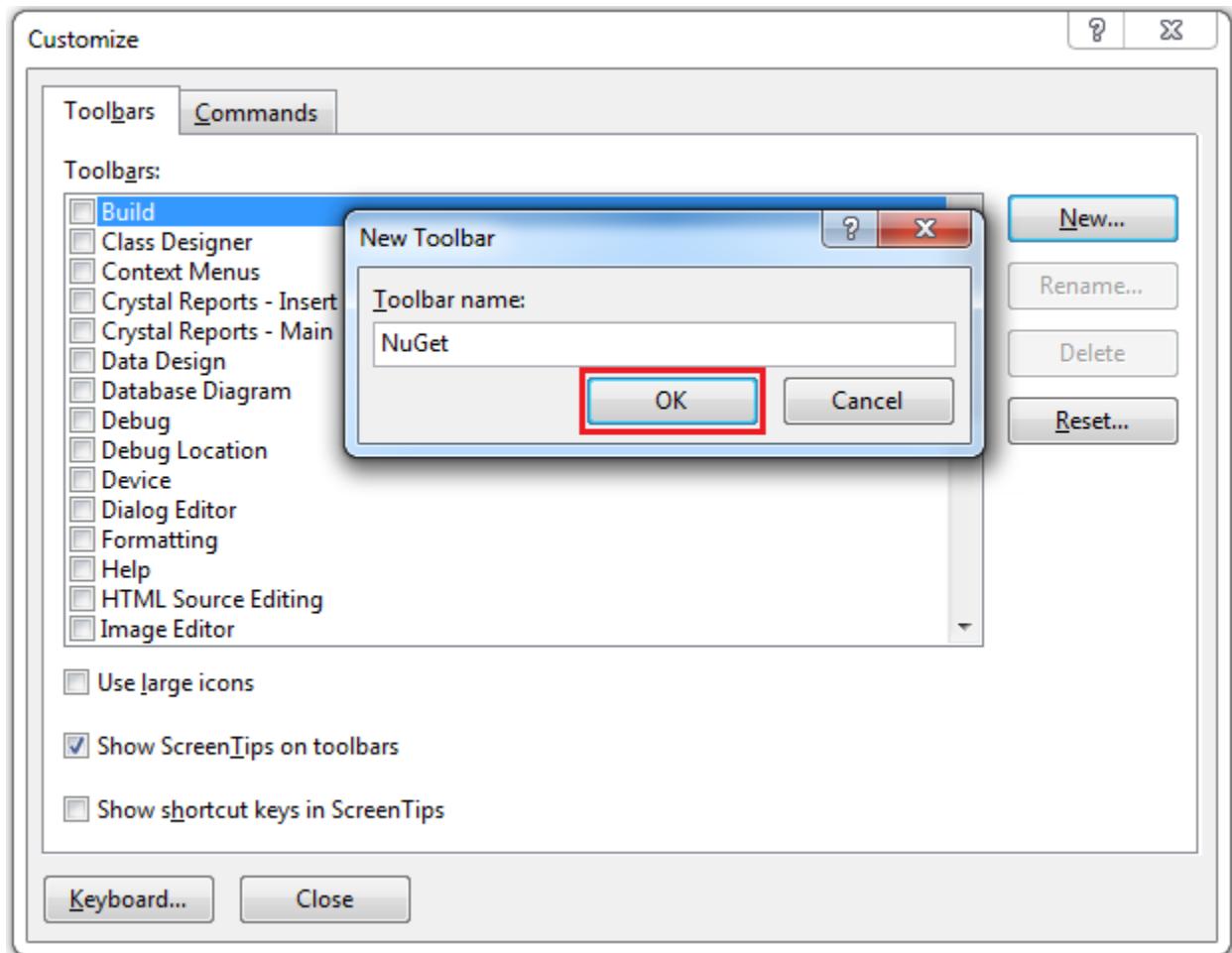


Customize by clicking New...

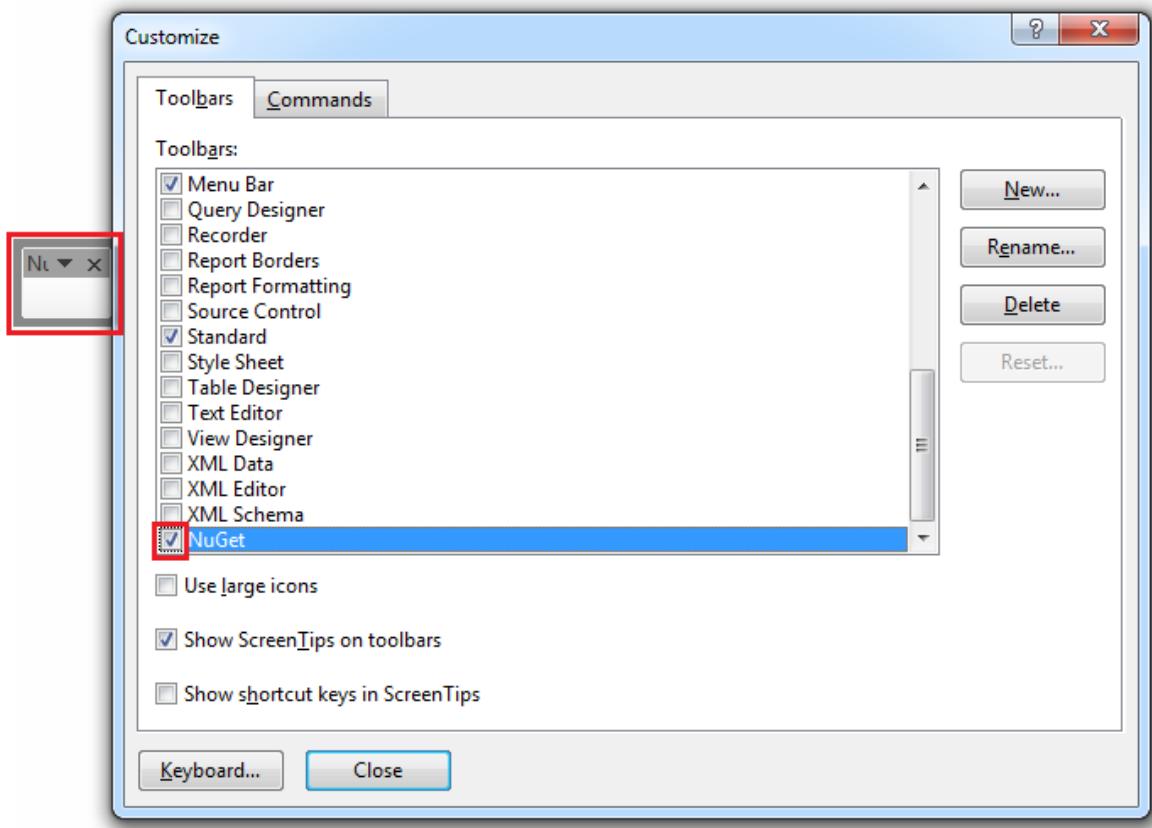


Enter Toolbar name: NuGet

Click OK

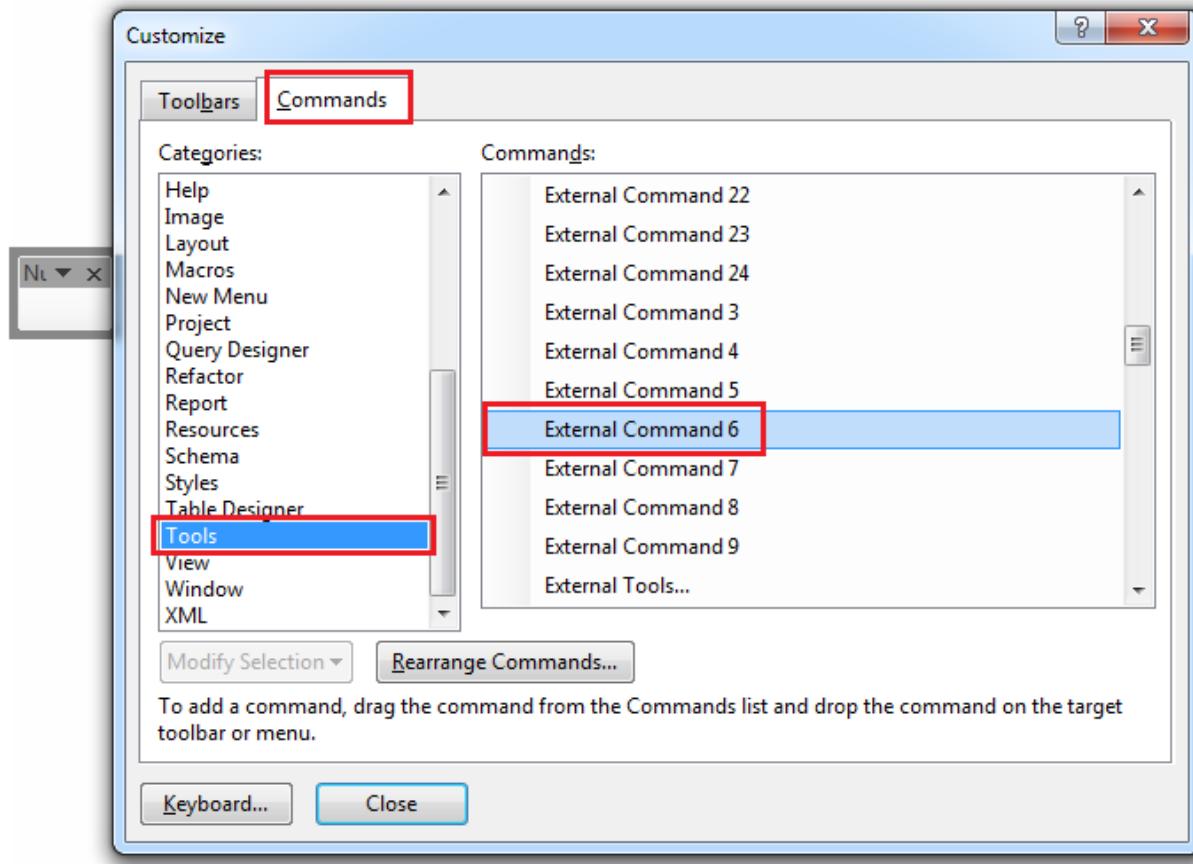


Check NuGet Checkbox in the Toolbars tab for NuGet Toolbar to pop up

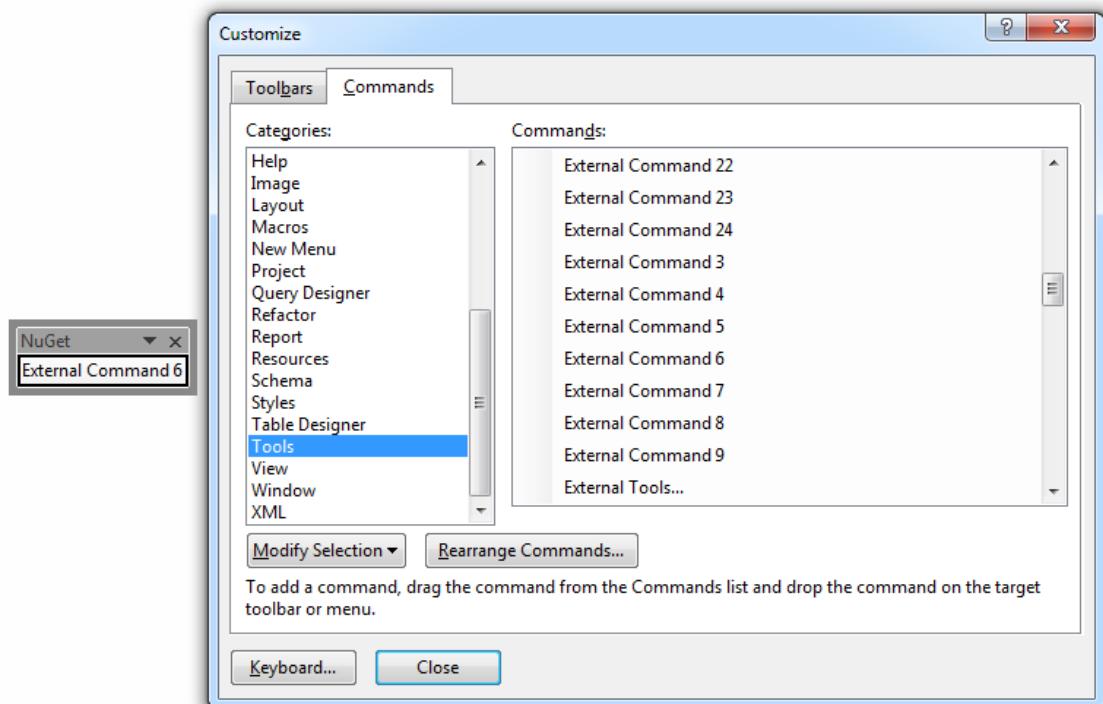
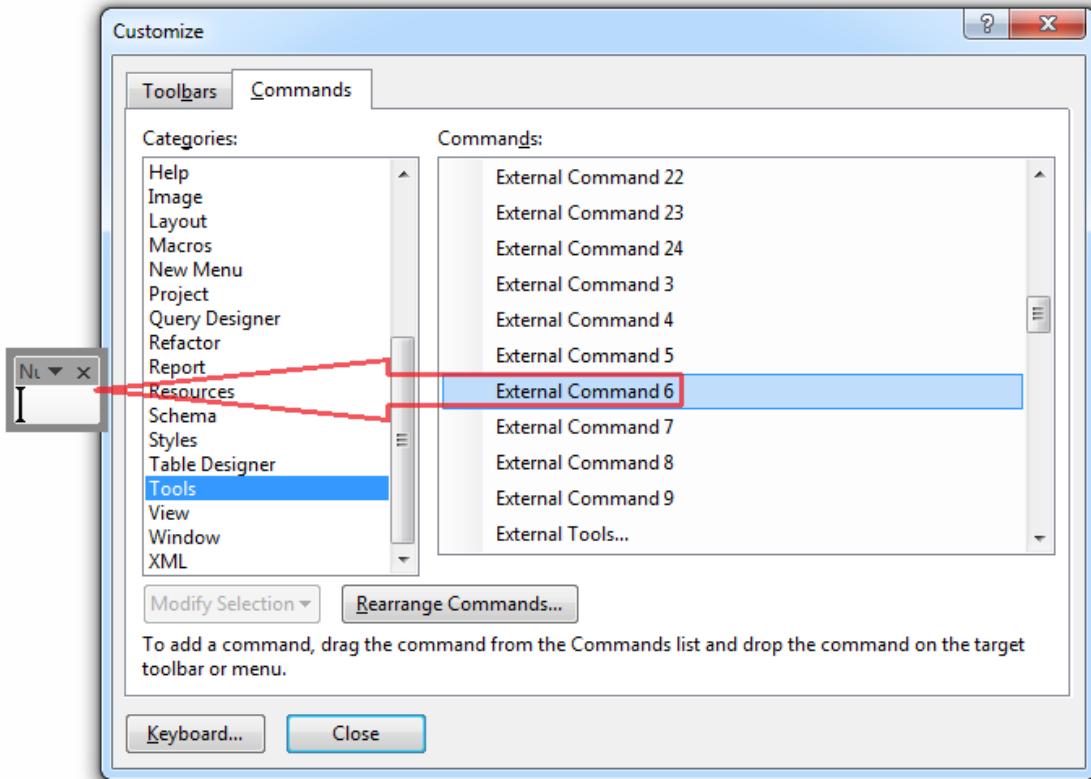


Click Commands tab and select Tools and External Command 6 (Having added NuGet Install as External Command 6)*

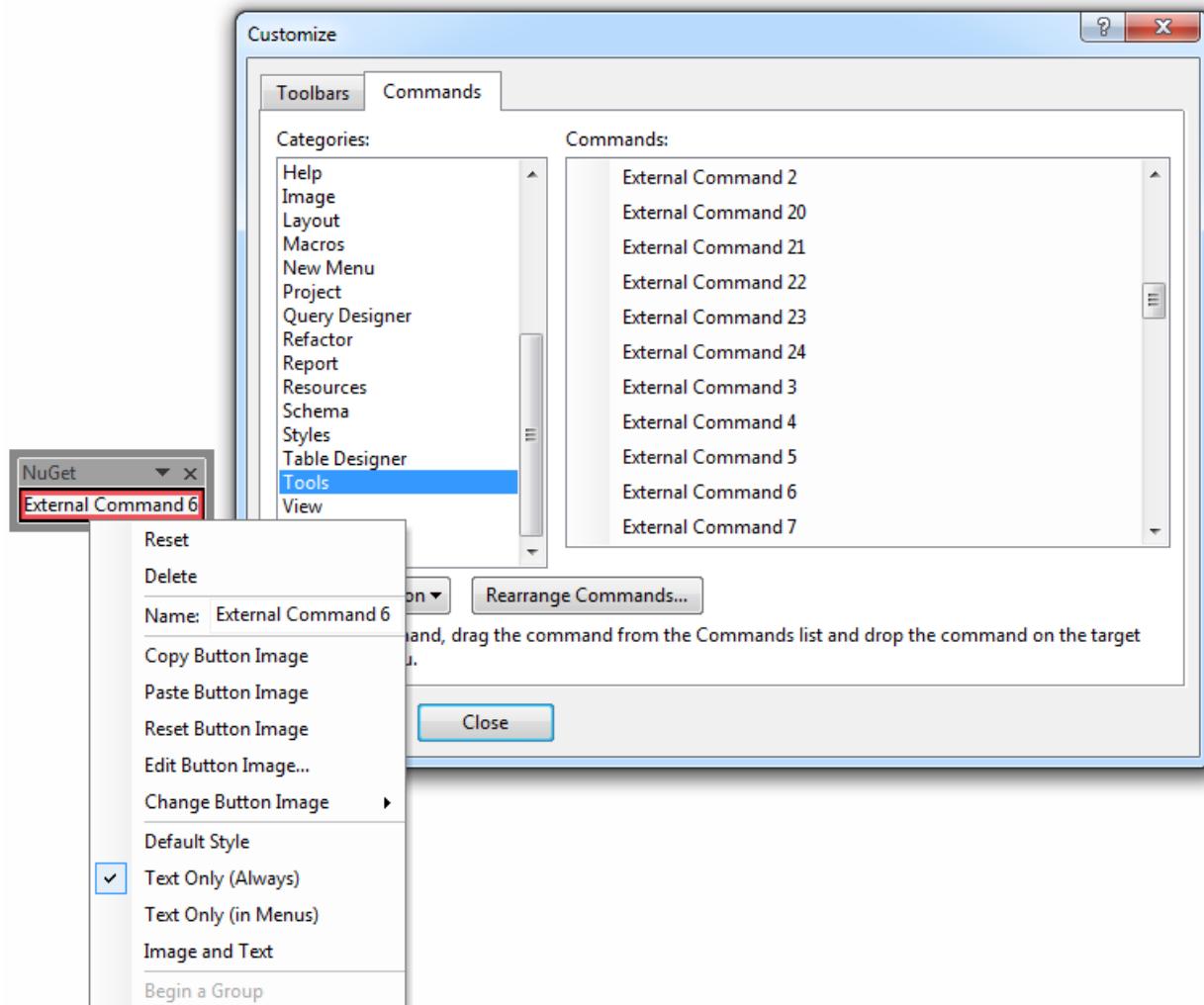
**Note: The External Command number may differ depending on the particular Visual Studio installation*



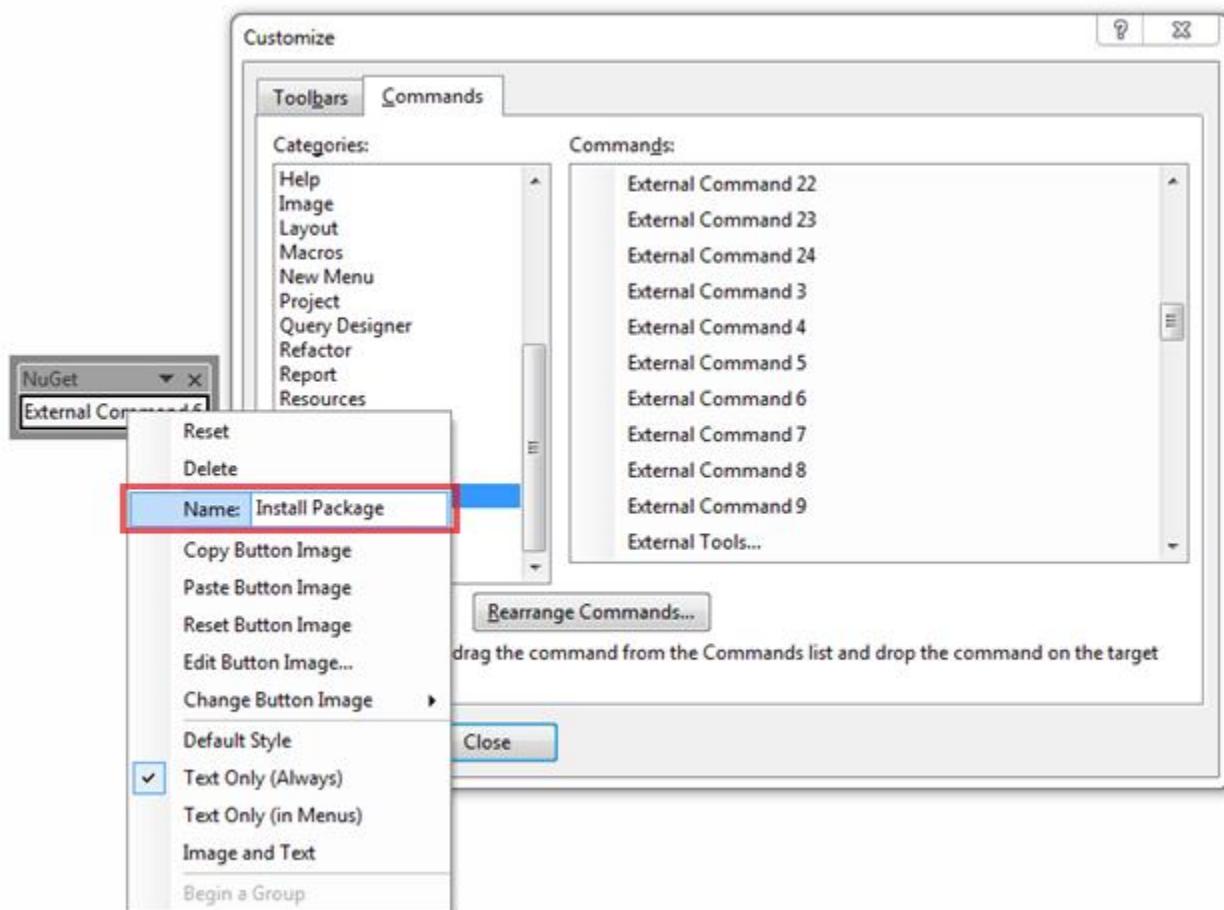
Drag and drop External Command 6 to NuGet Toolbar



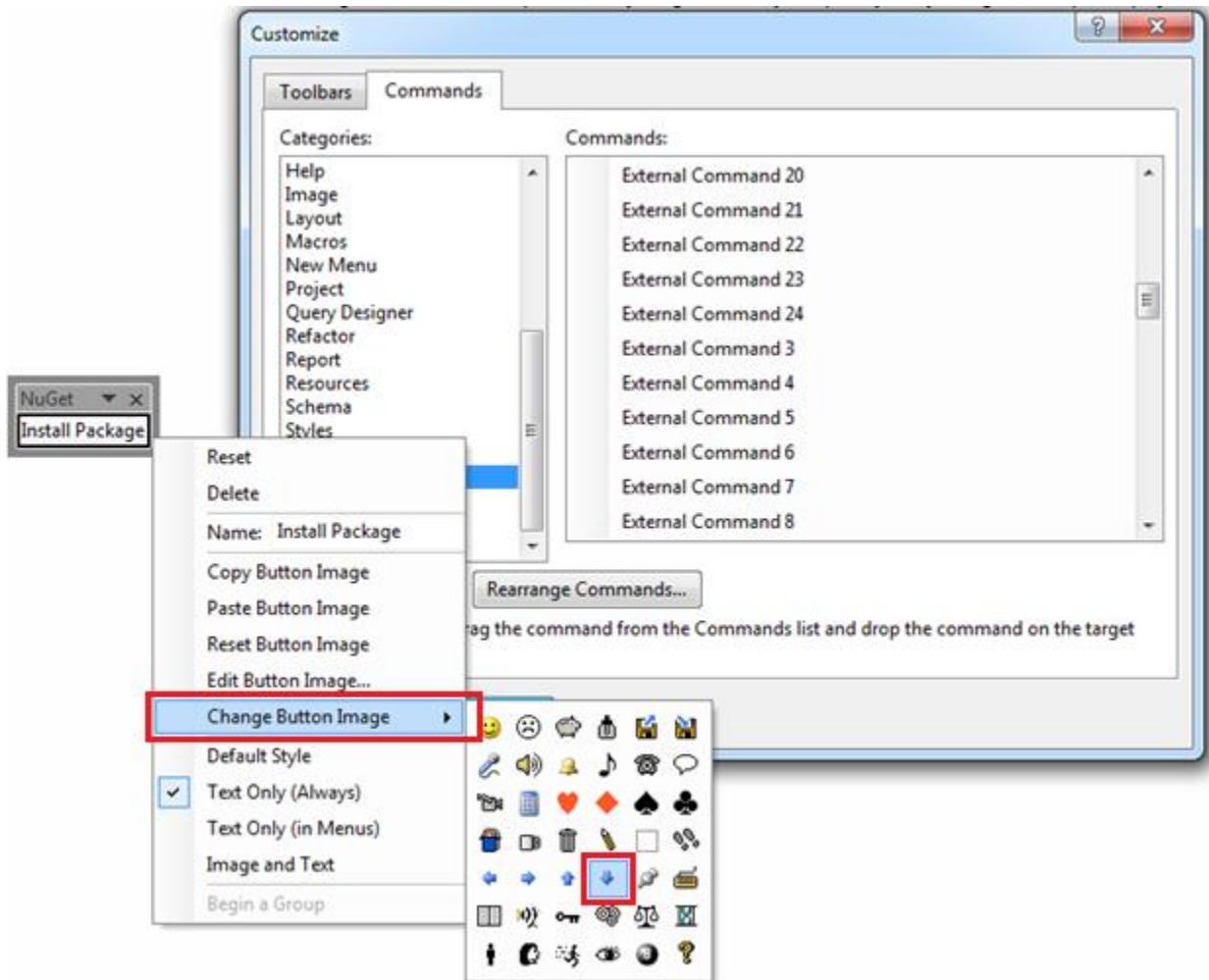
Right-click NuGet Toolbar



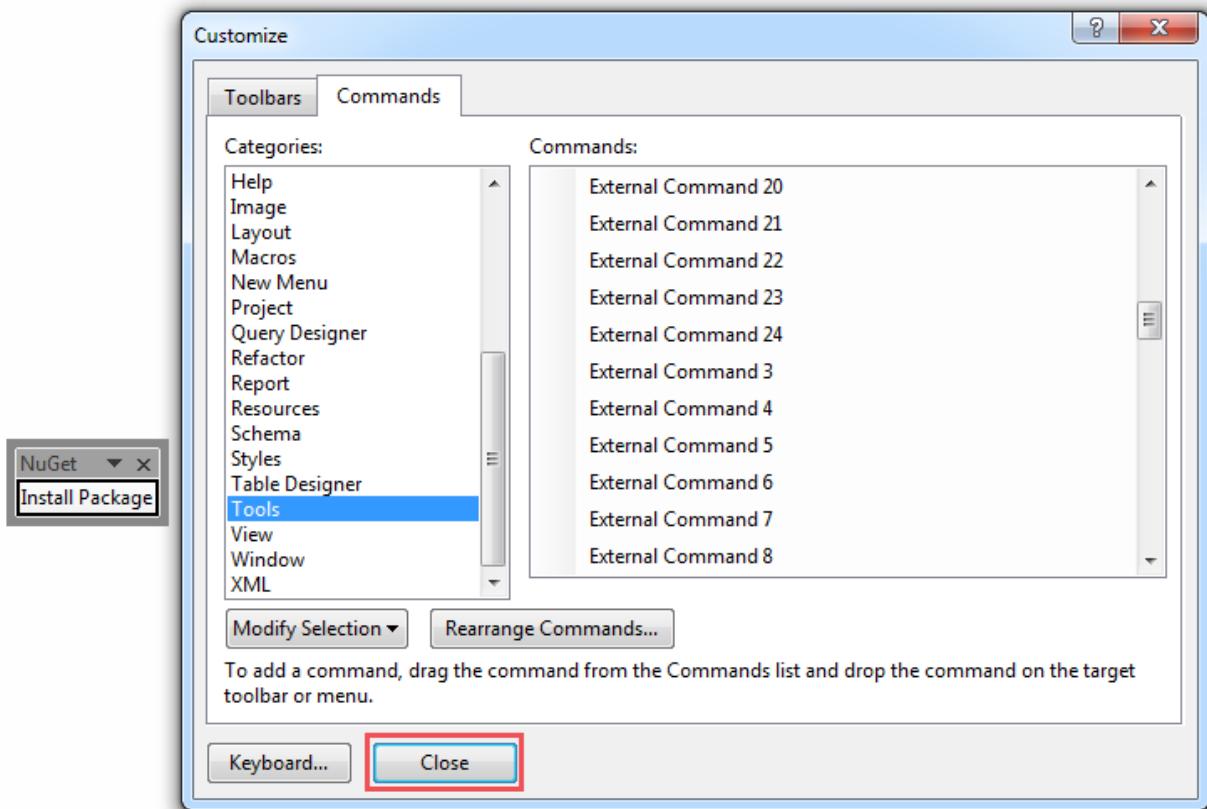
Enter Name: Install Package



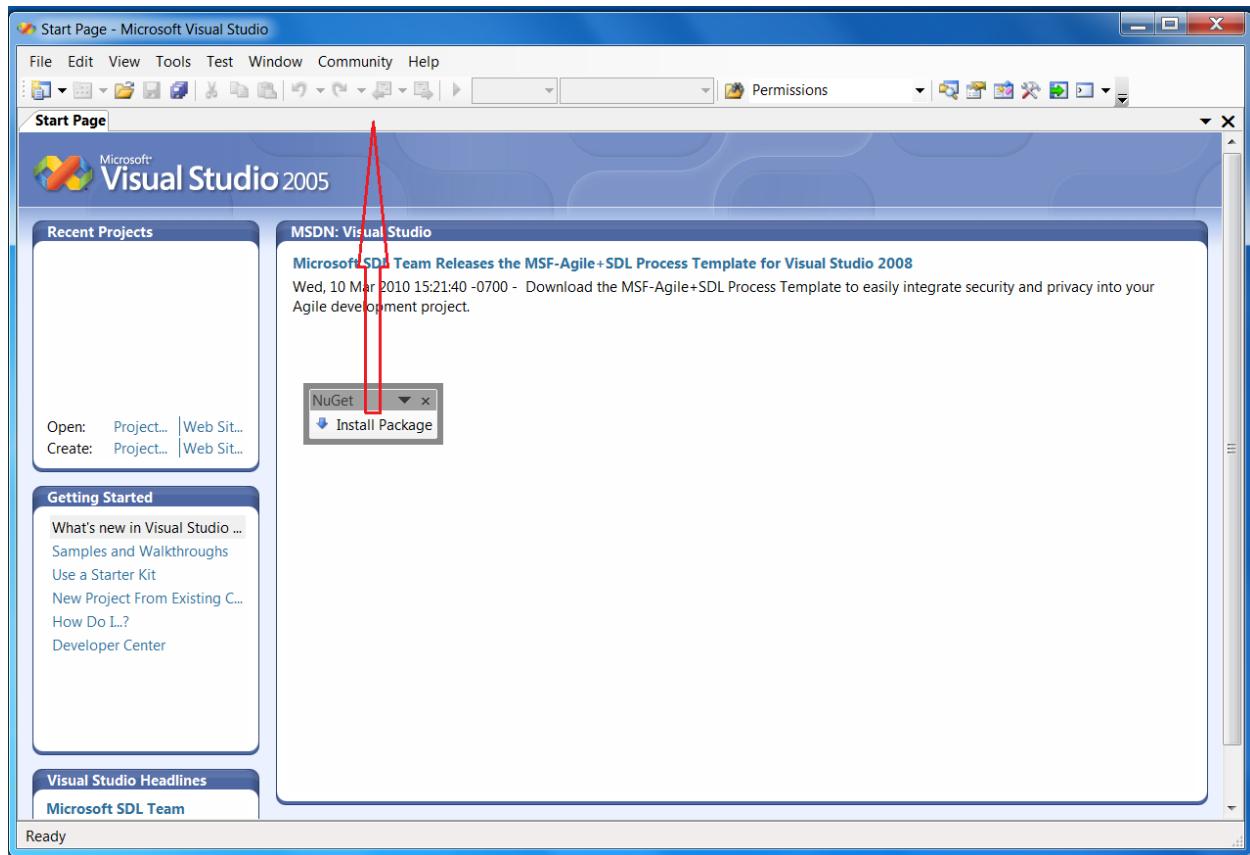
Right-click Change Button Image and select an image



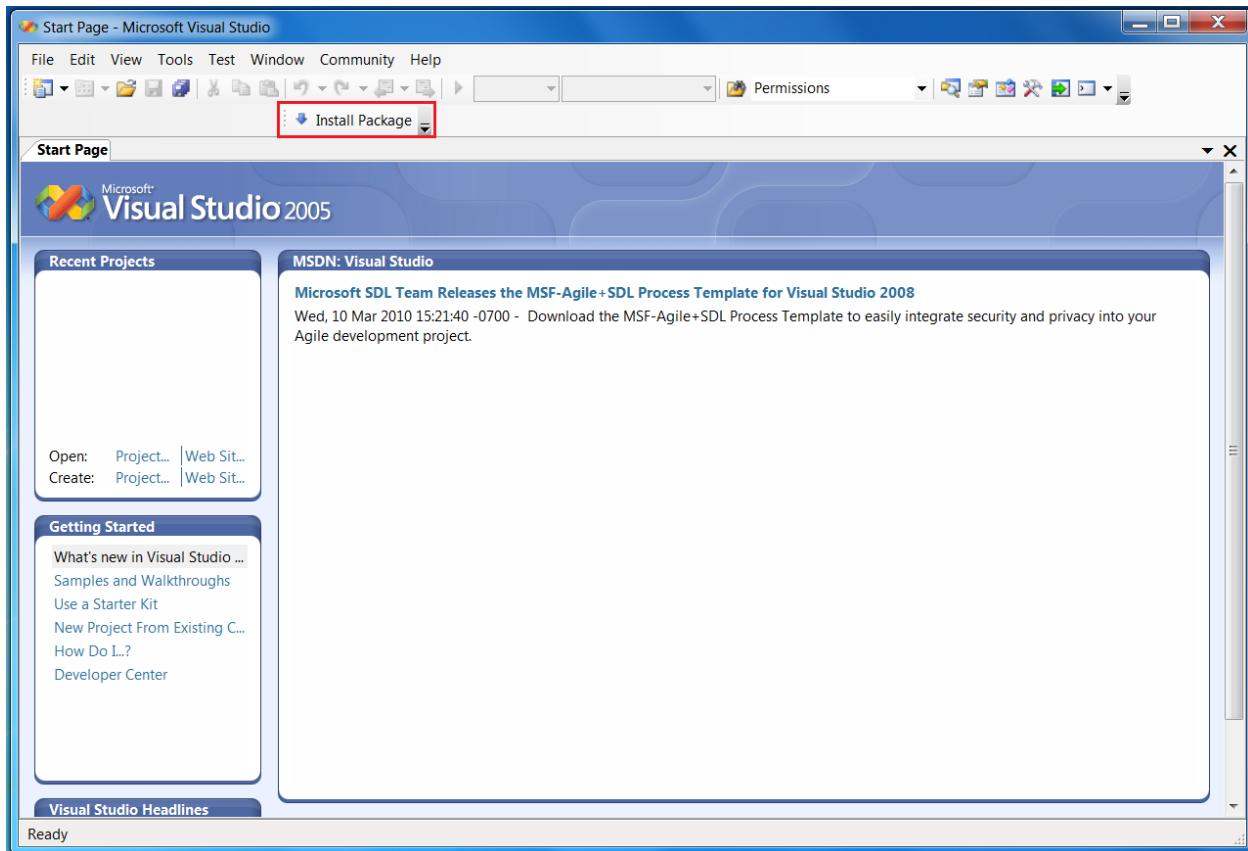
Close Customize



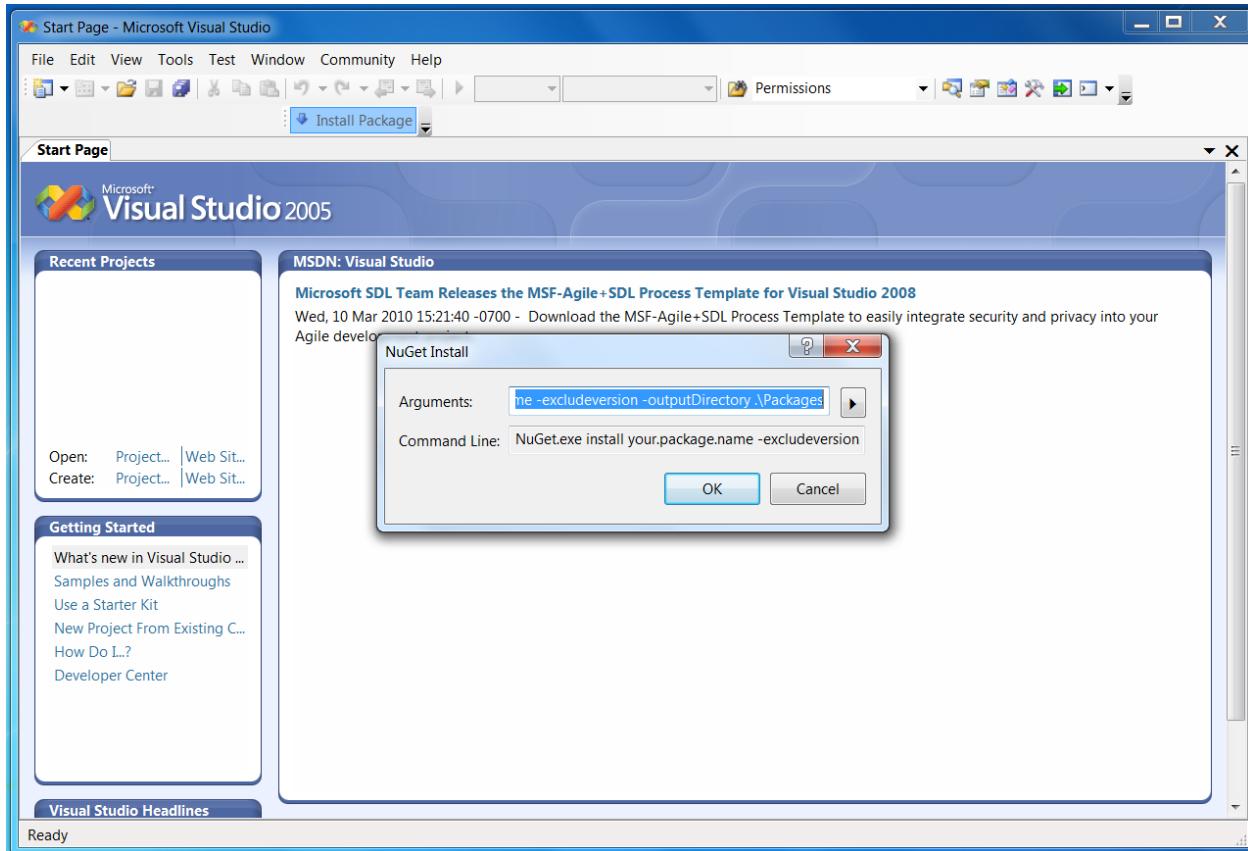
Drag and drop the NuGet Toolbar to the Menu



Click the NuGet Toolbar Install Package



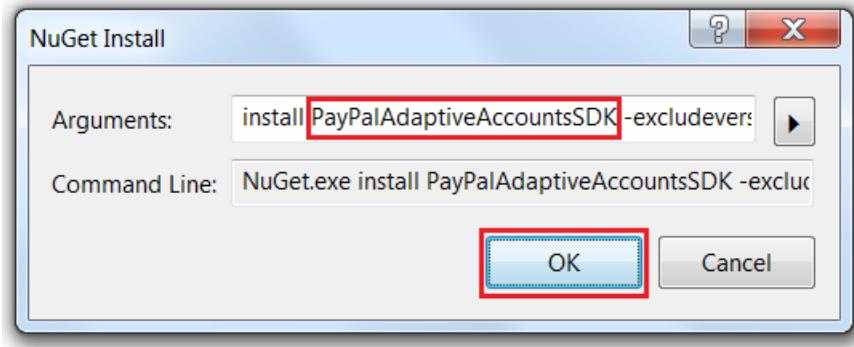
Clicking on the NuGet Toolbar Install Package will pop up for NuGet Install Arguments and Command Line



NuGet Install: PayPalAdaptiveAccountsSDK

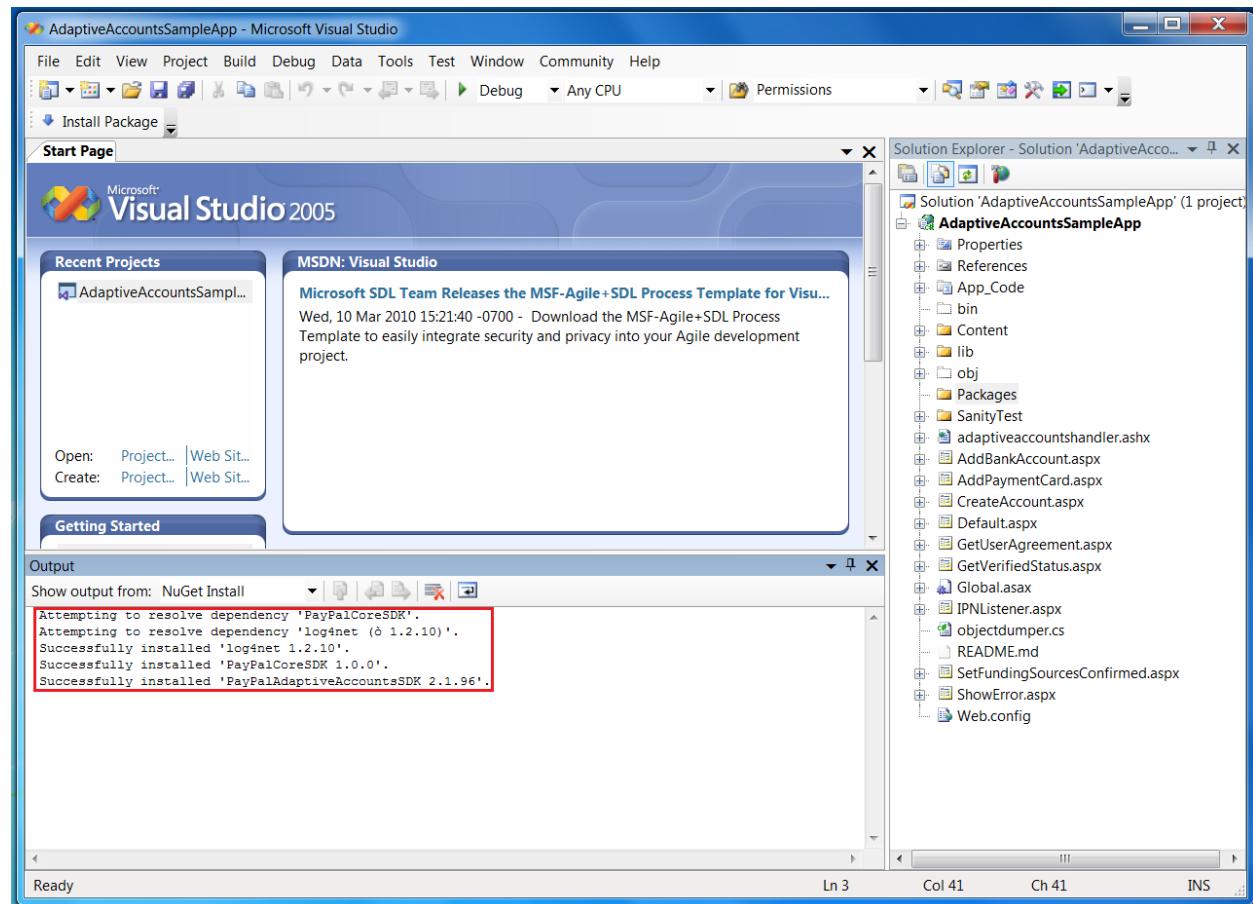
Enter Arguments:

```
install PayPalAdaptiveAccountsSDK -excludeversion -outputDirectory .\Packages
```

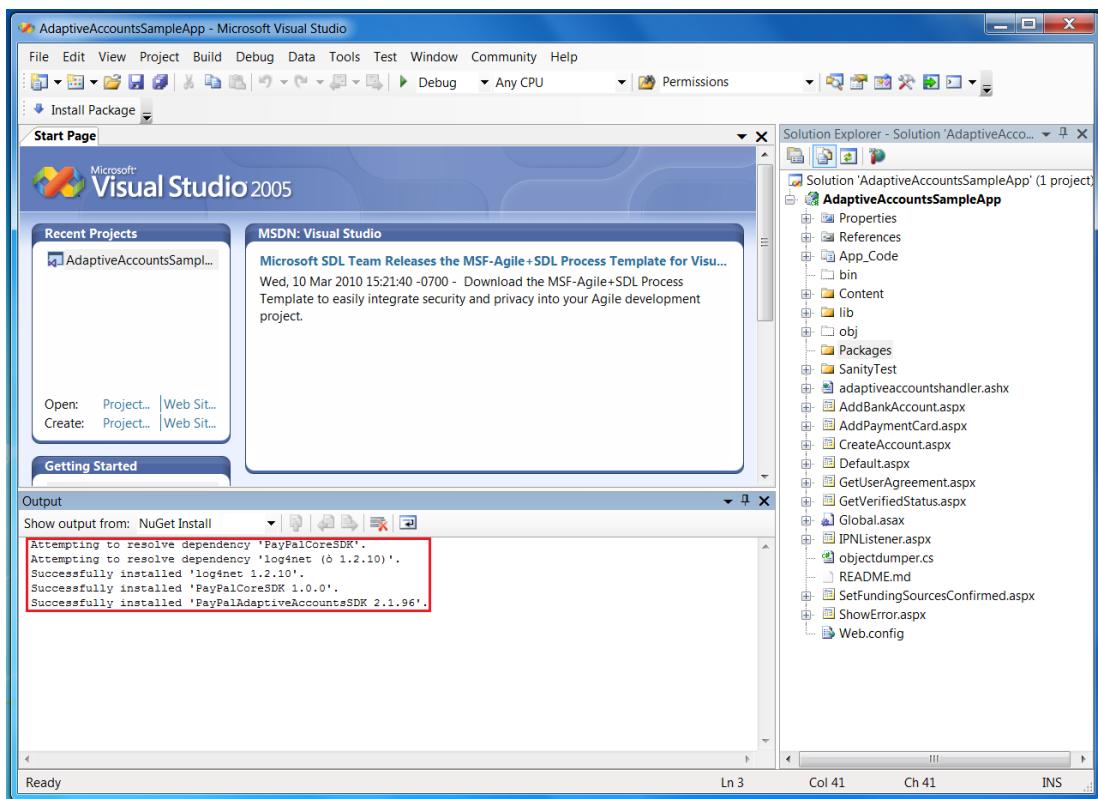
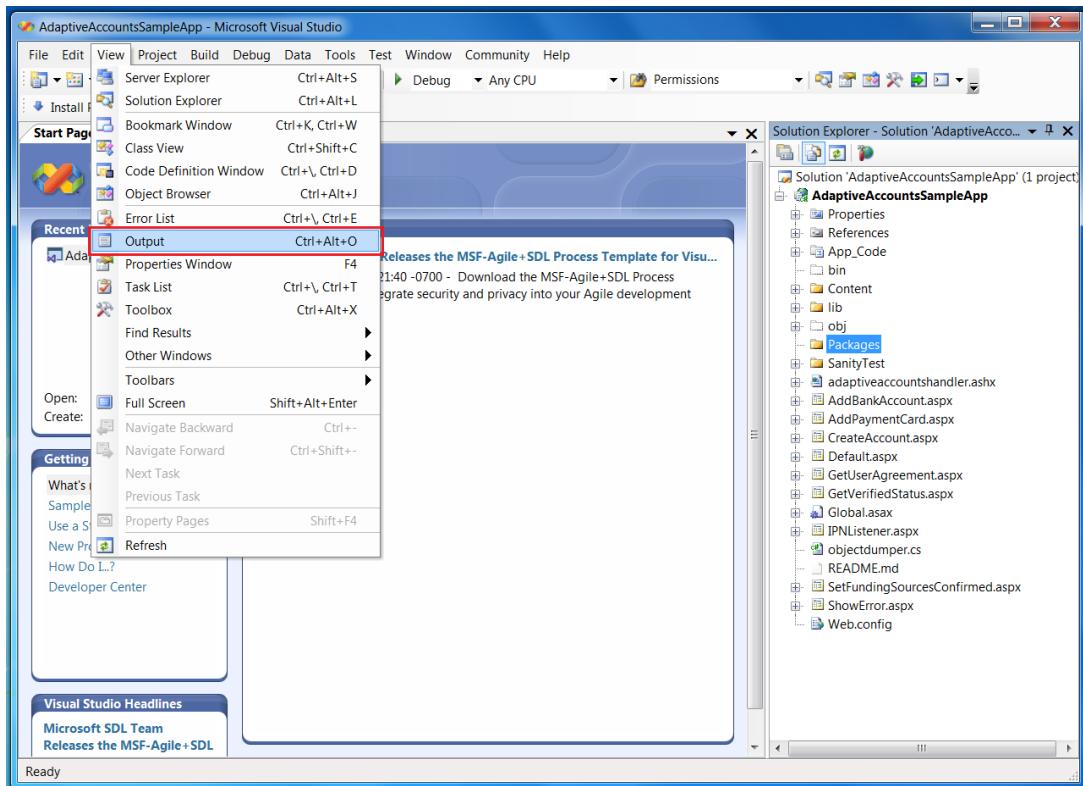


On clicking OK, the output window should display:

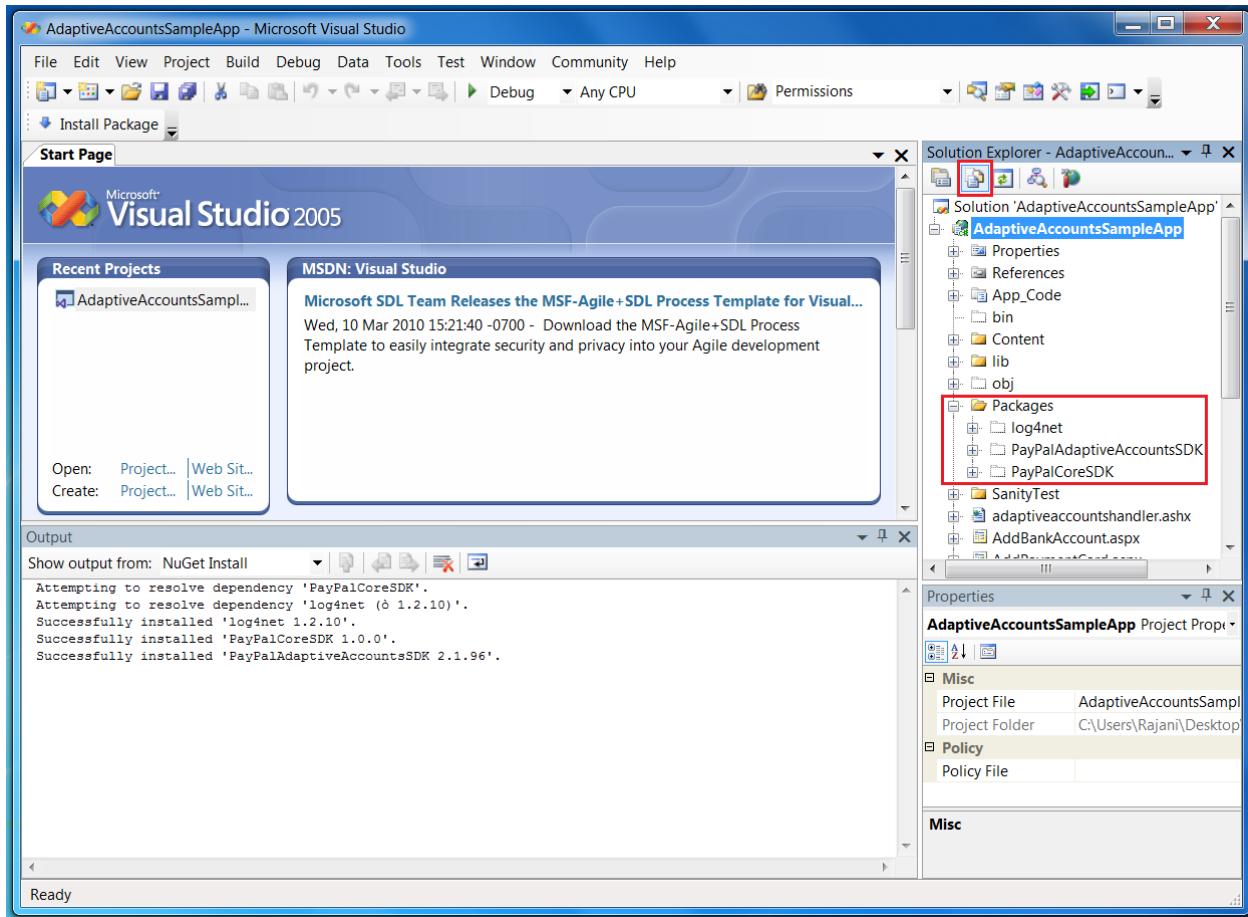
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalAdaptiveAccountsSDK 2.1.96'.
```



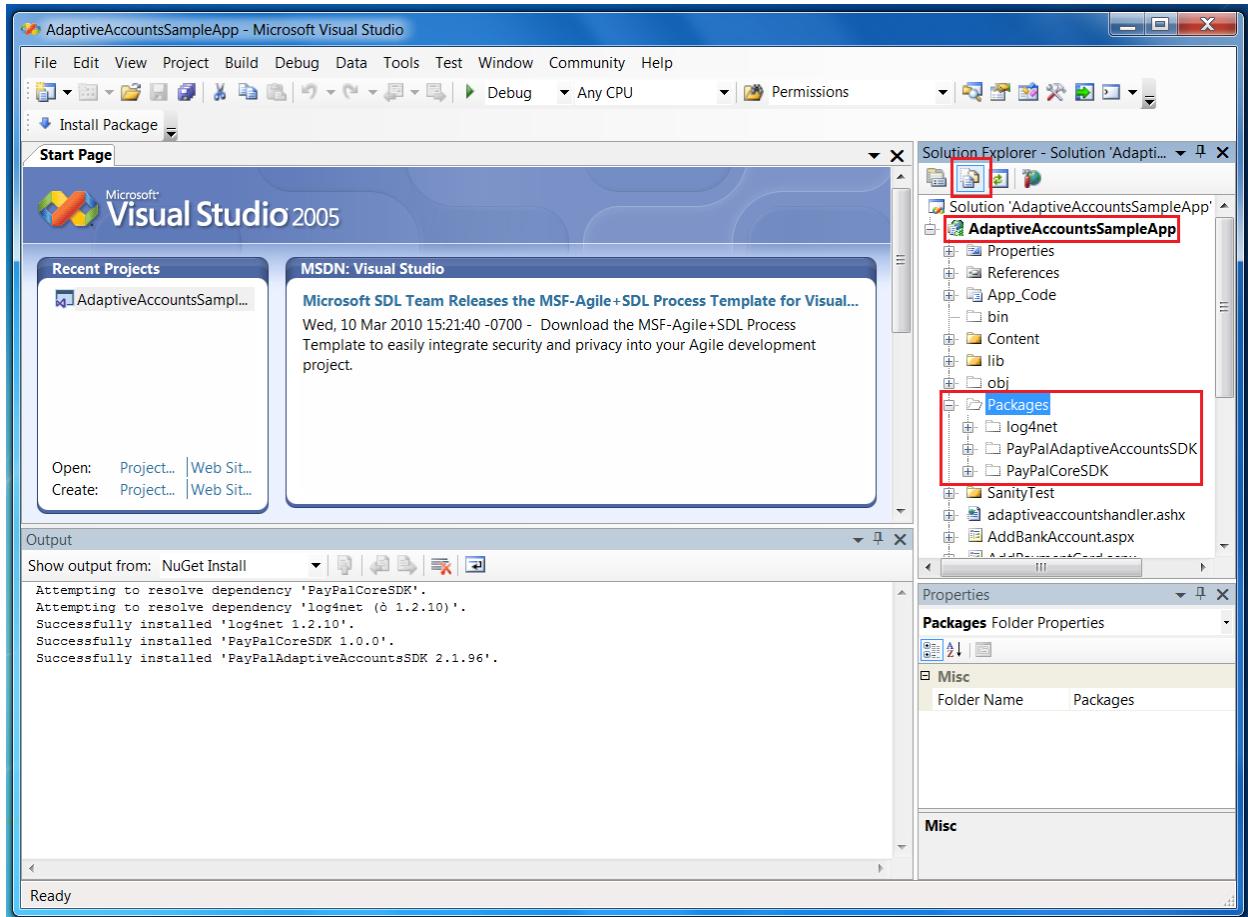
Menu View → Output (Ctrl+Alt+O)



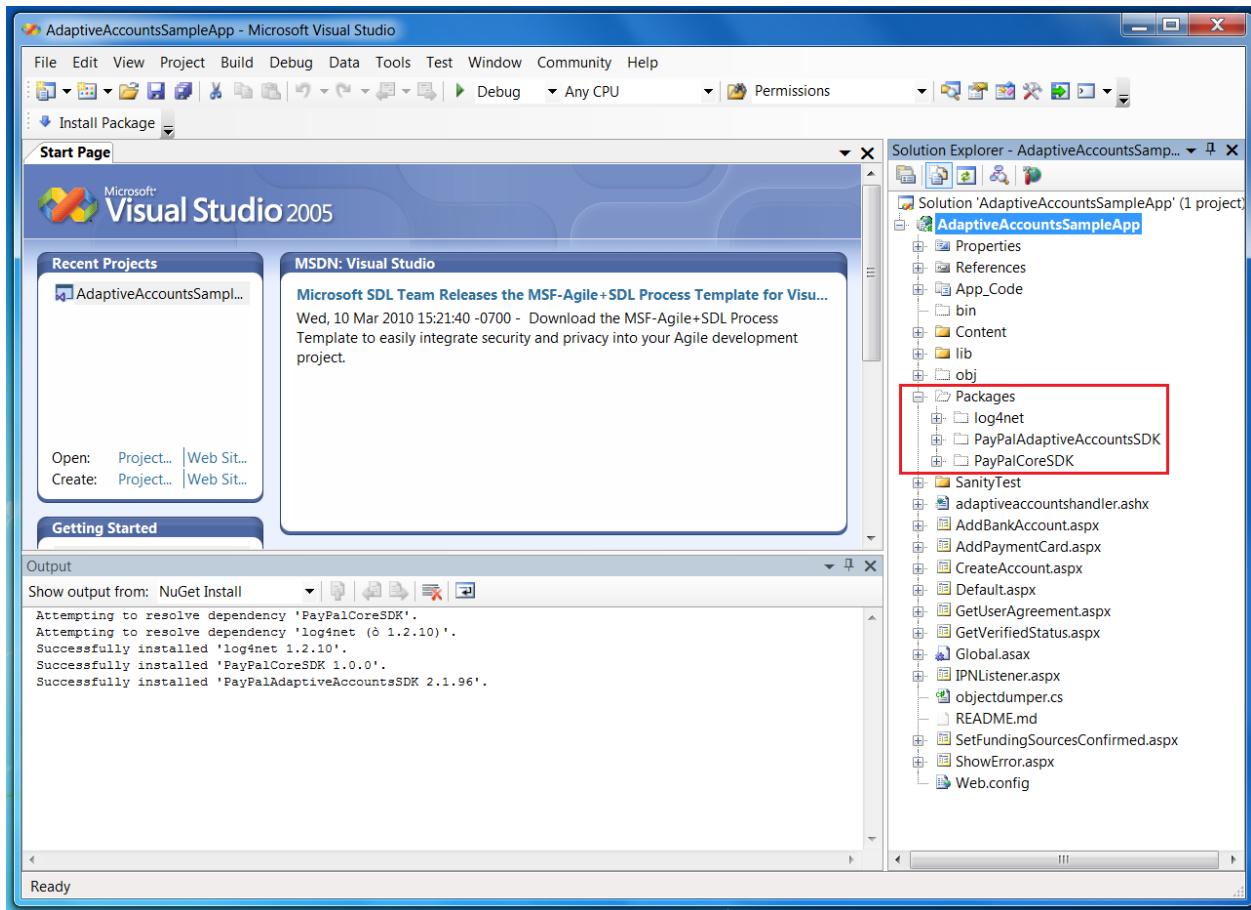
After successful installation, note that the dependencies are downloaded and installed to the Packages folder of the Project Directory i.e., \$(ProjectDir) - Select the project and click Show All Files, and expand the Packages folder



If the Packages folder was not included in the project - Select the project, click Show All Files, and expand the Packages folder

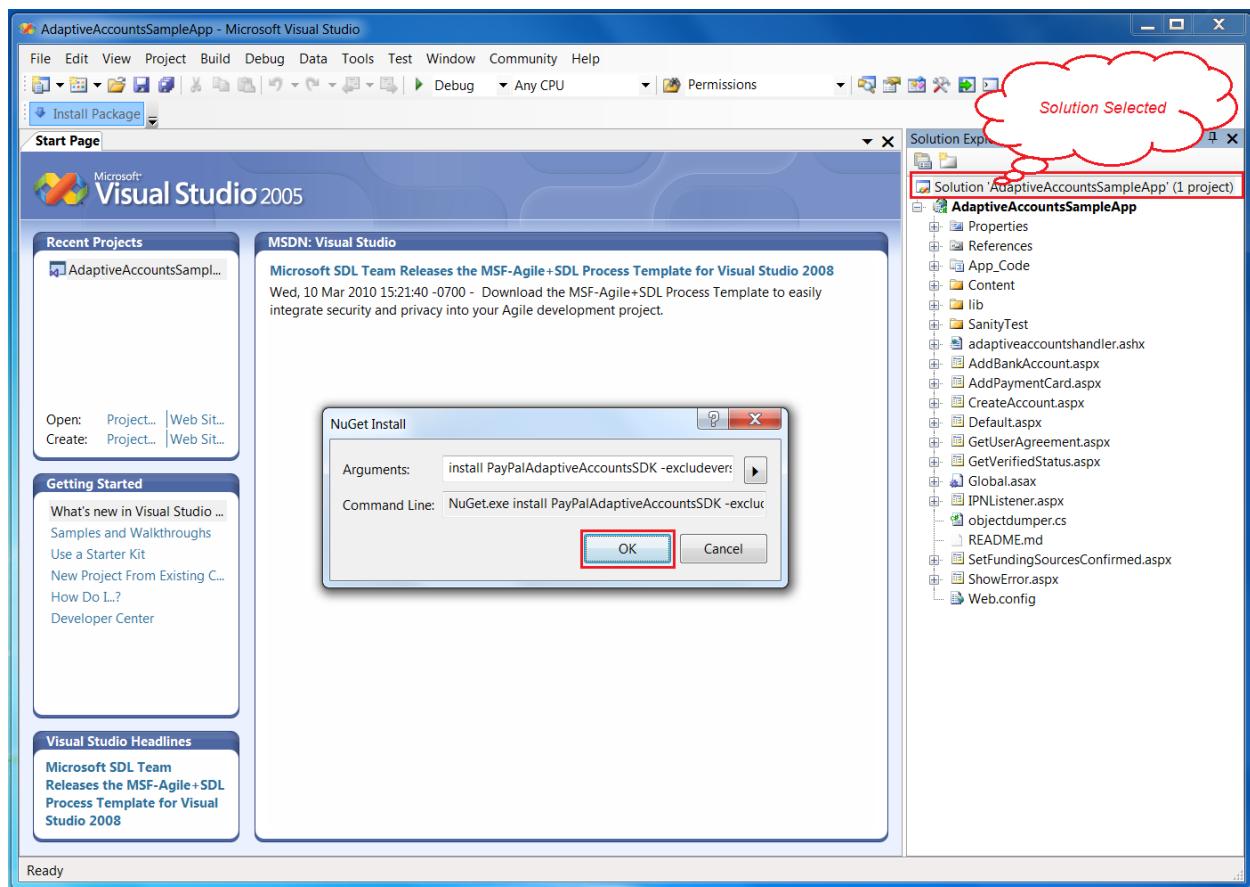


Add the references to the dependencies downloaded and installed to the Packages folder

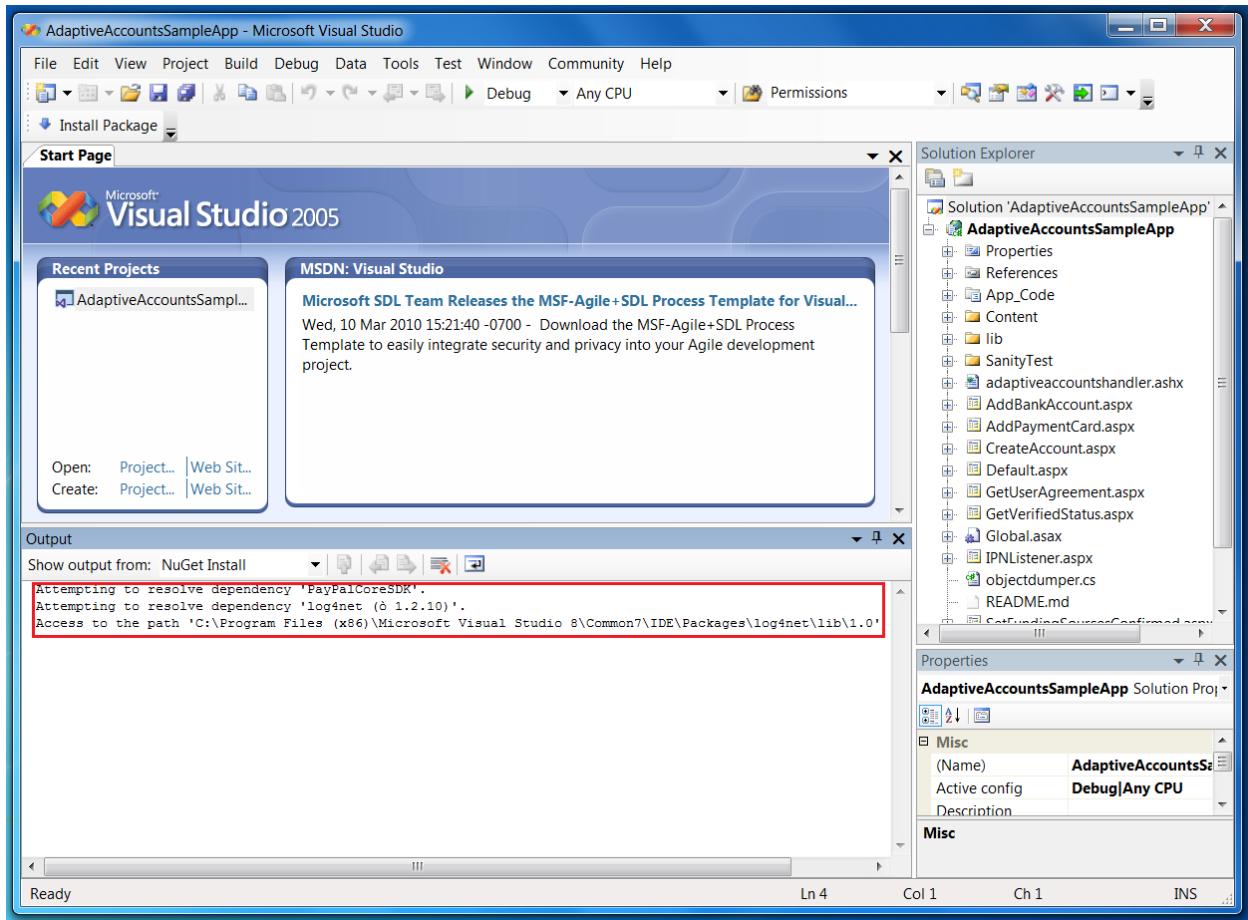


Caution:

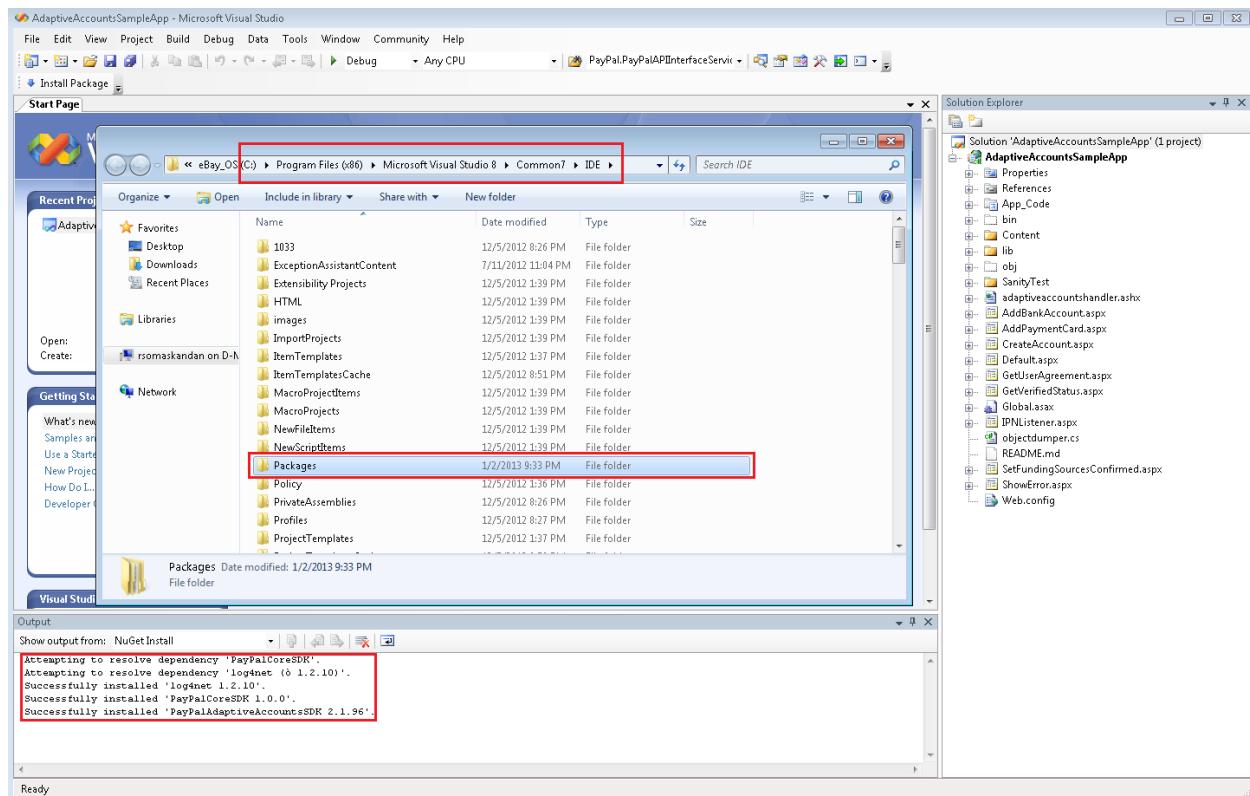
If Solution got selected during NuGet Install, the package will not be installed to Project Directory i.e., \$(ProjectDir), instead it will be downloaded to the Visual Studio IDE folder for which access may be denied depending on the folder permissions



Access to the path, 'C:\Program Files (x86)\Microsoft Visual Studio 8\Common7\IDE\Packages\log4net\lib\1.0' is denied.

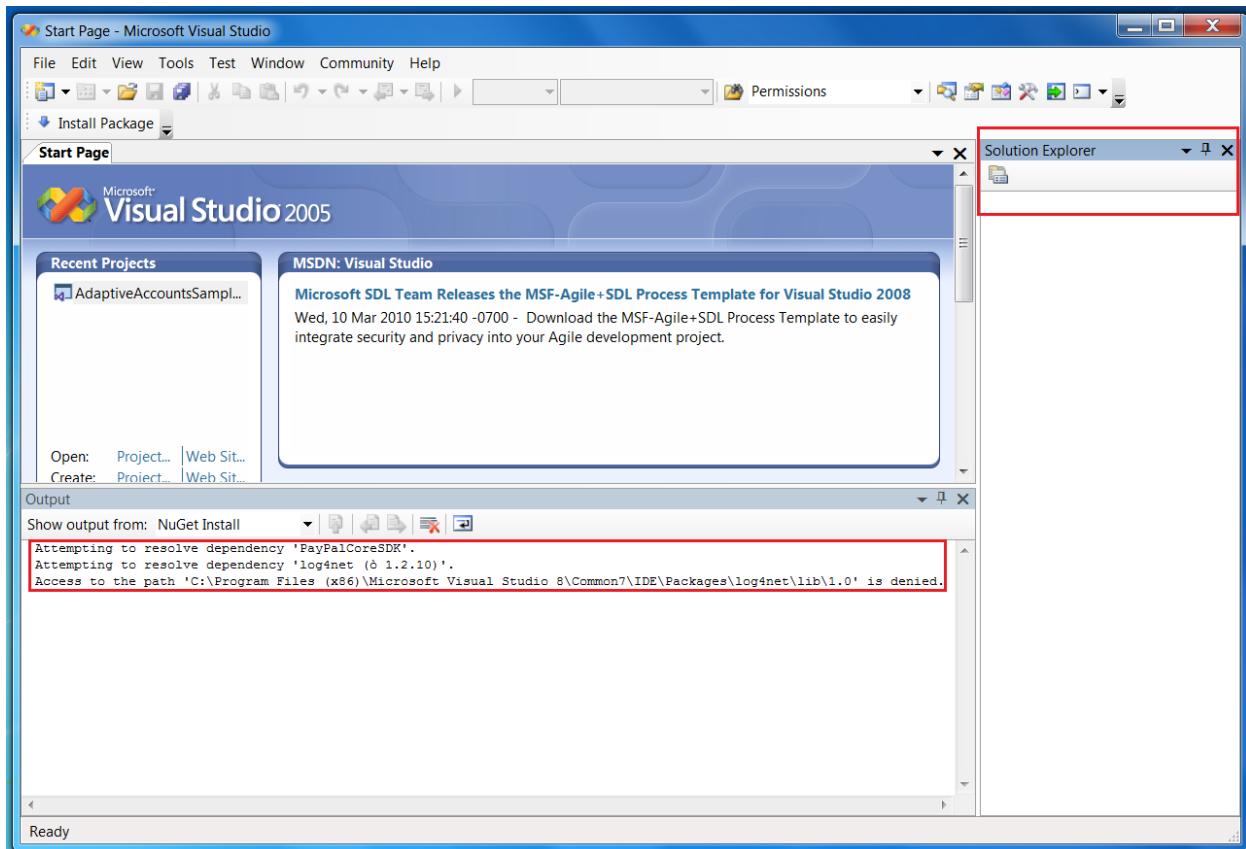


The package installed to wrong folder, 'C:\Program Files (x86)\Microsoft Visual Studio 8\Common7\IDE'



NuGet Install without loading any project will be denied access as Initial directory has been set as Project Directory i.e., \$(ProjectDir)

Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Access to the path 'C:\Program Files (x86)\Microsoft Visual Studio 8\Common7\IDE\Packages\log4net\lib\1.0' is denied.

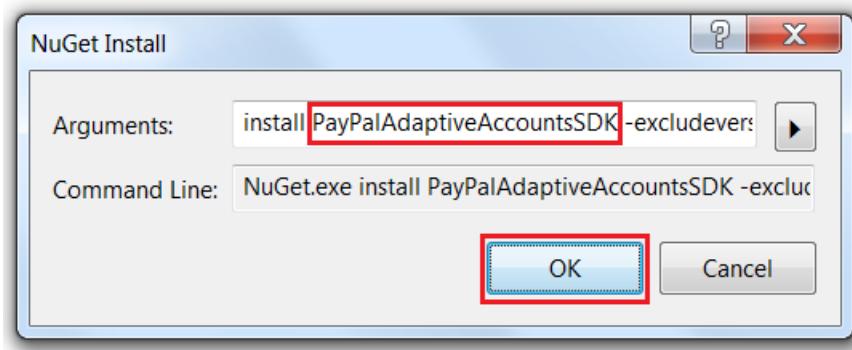


PayPal Packages in NuGet Gallery

NuGet Install: PayPalAdaptiveAccountsSDK

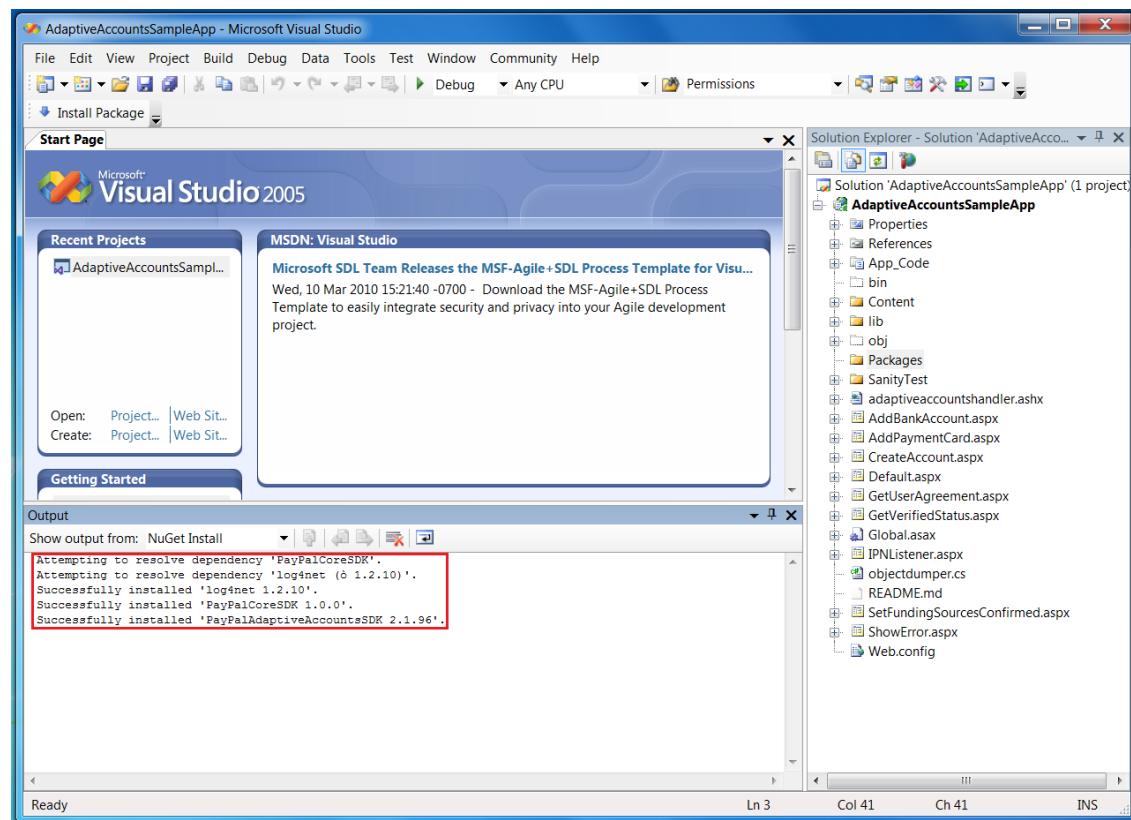
Enter Arguments:

```
install PayPalAdaptiveAccountsSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

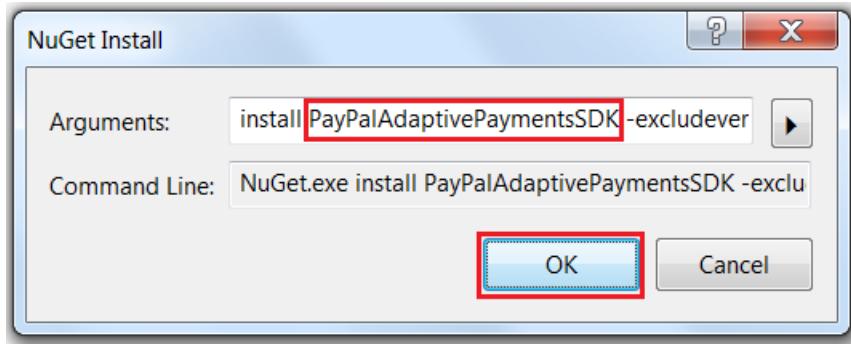
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (≥ 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalAdaptiveAccountsSDK 2.1.96'.
```



NuGet Install: PayPalAdaptivePaymentsSDK

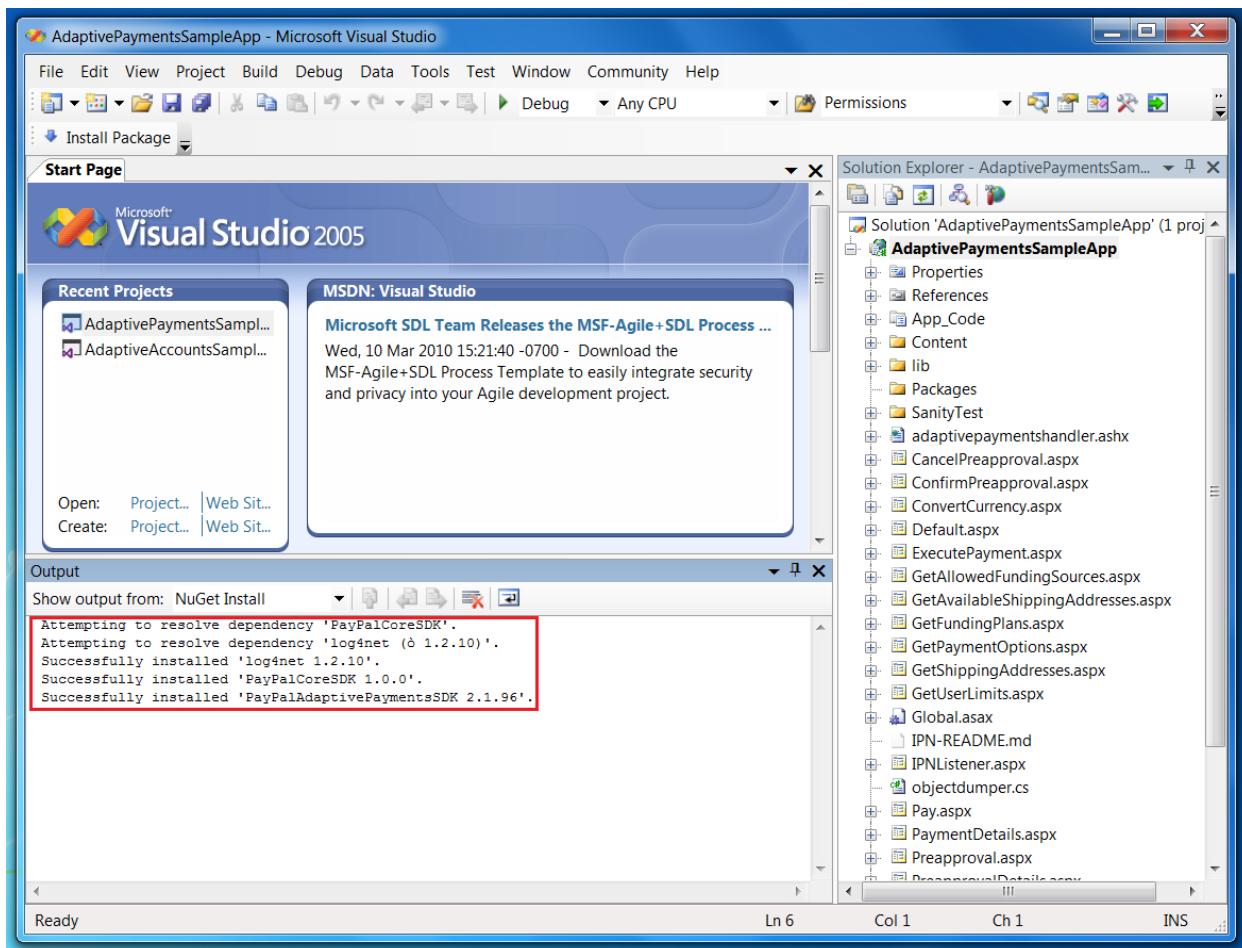
Enter Arguments:

```
install PayPalAdaptivePaymentsSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

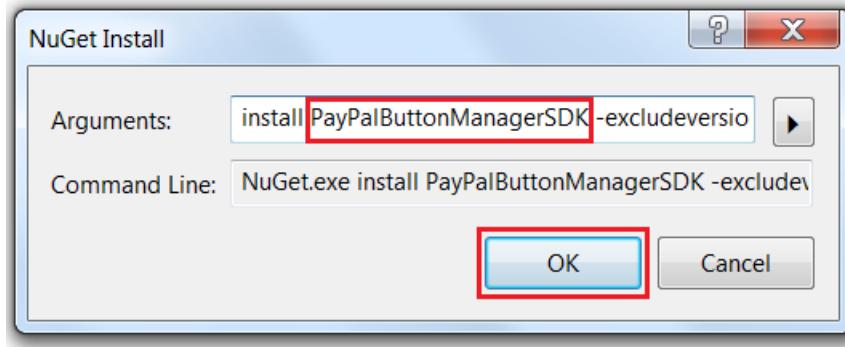
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalAdaptivePaymentsSDK 2.1.96'.
```



NuGet Install: PayPalButtonManagerSDK

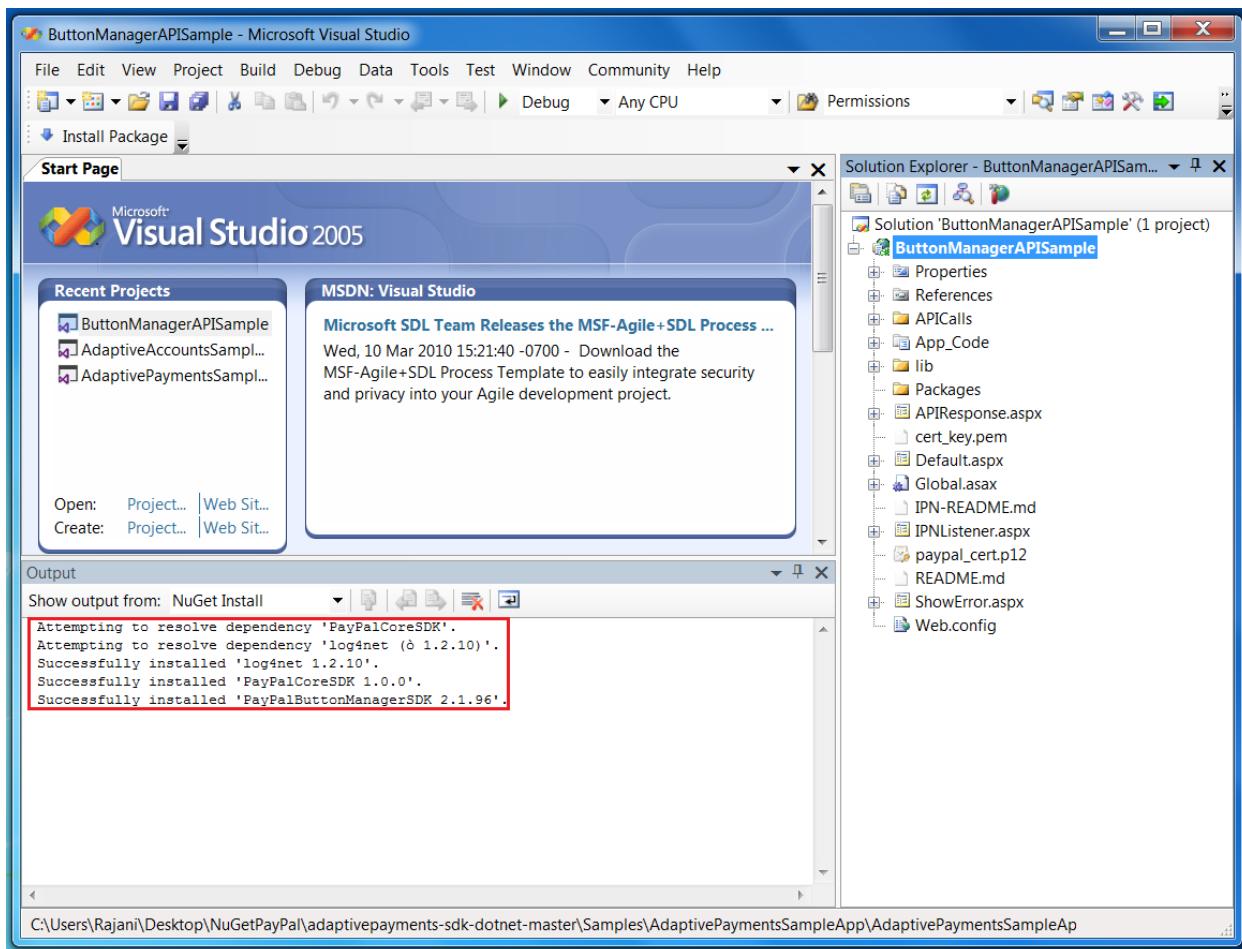
Enter Arguments:

```
install PayPalButtonManagerSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

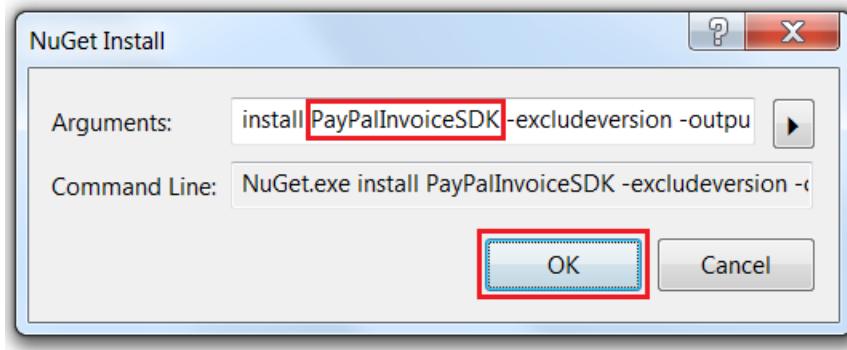
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalButtonManagerSDK 2.1.96'.
```



NuGet Install: PayPalInvoiceSDK

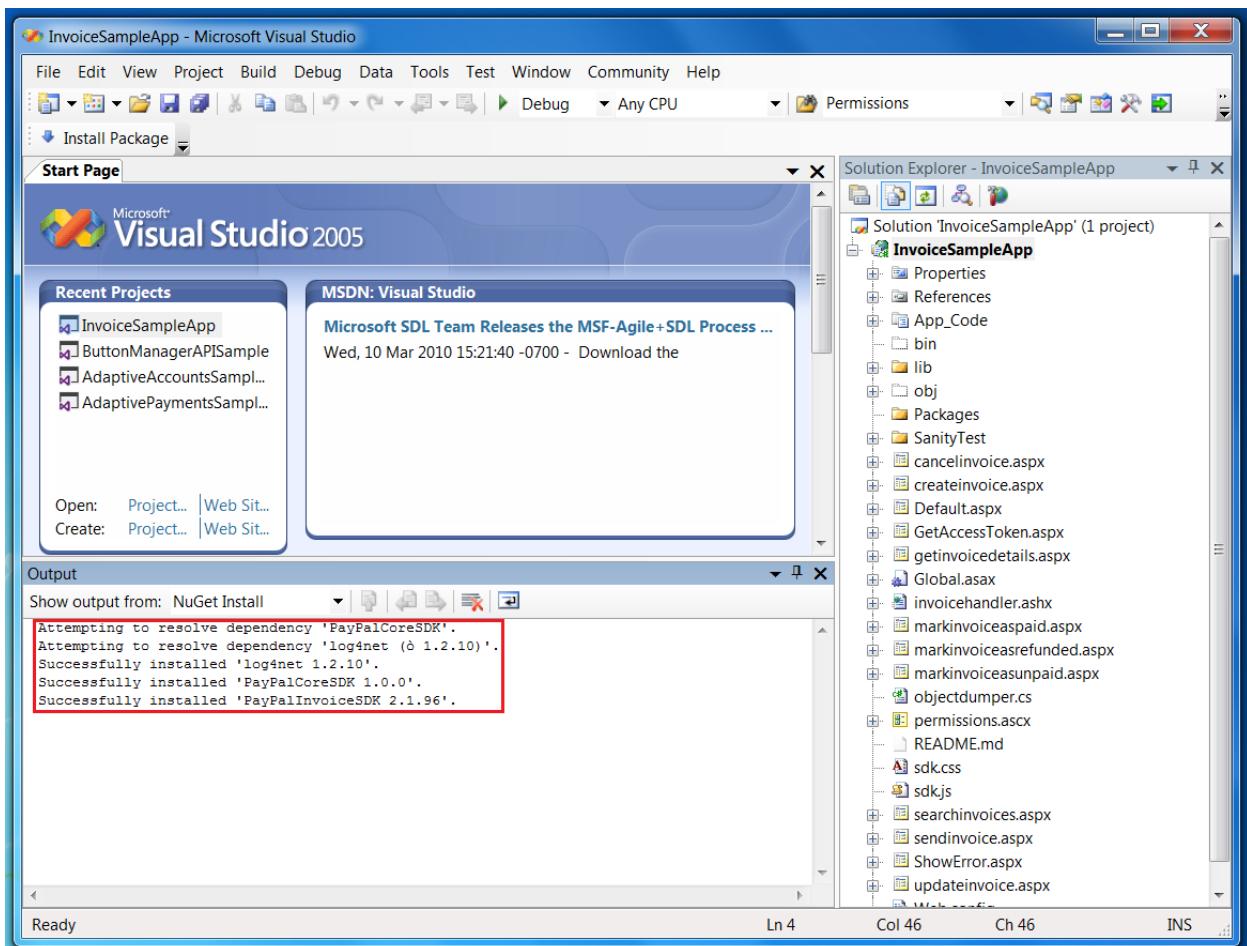
Enter Arguments:

```
install PayPalInvoiceSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

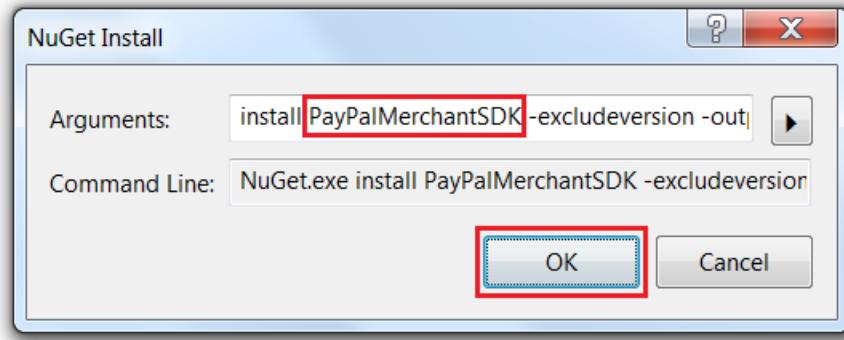
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalInvoiceSDK 2.1.96'.
```



NuGet Install: PayPalMerchantSDK

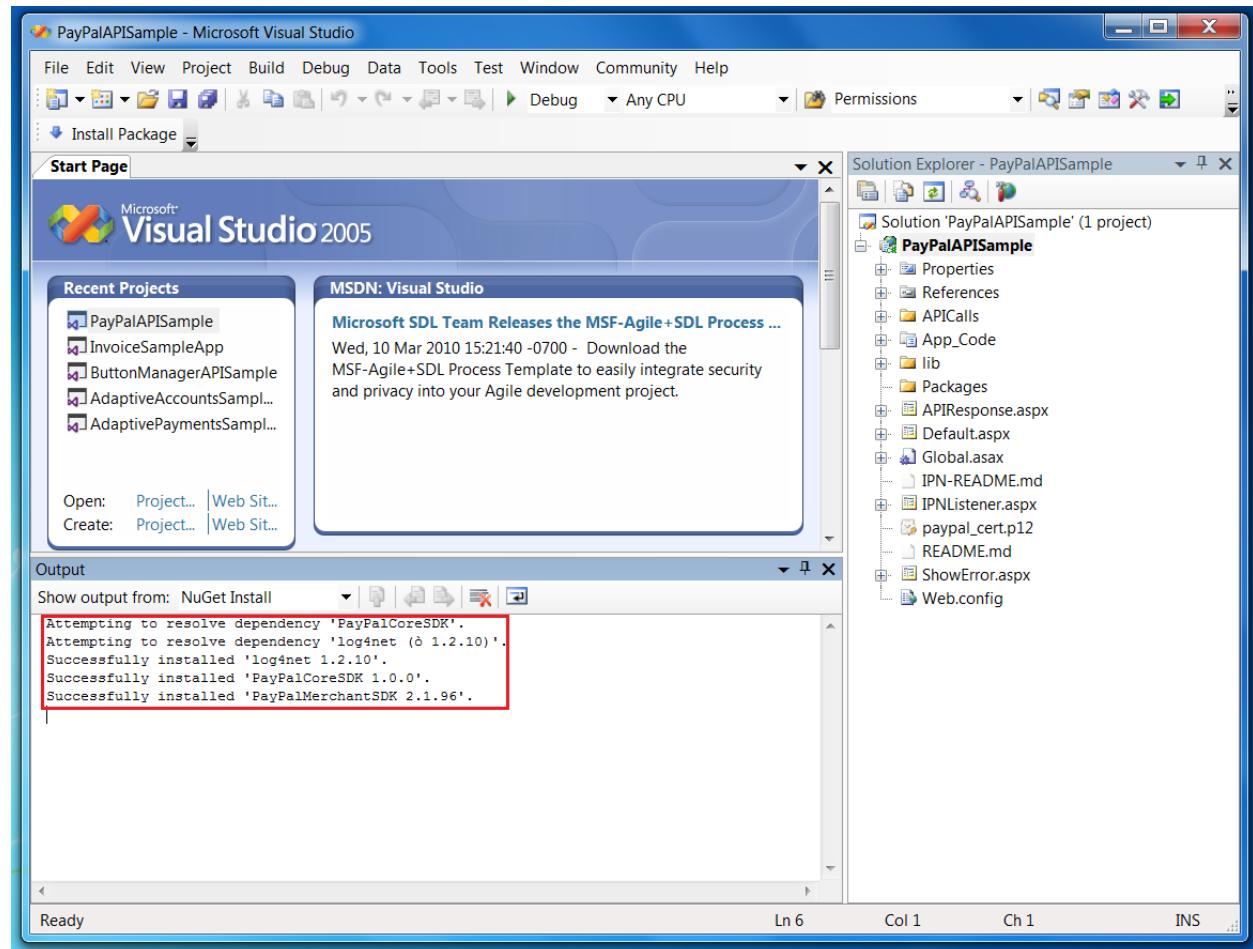
Enter Arguments:

```
install PayPalMerchantSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

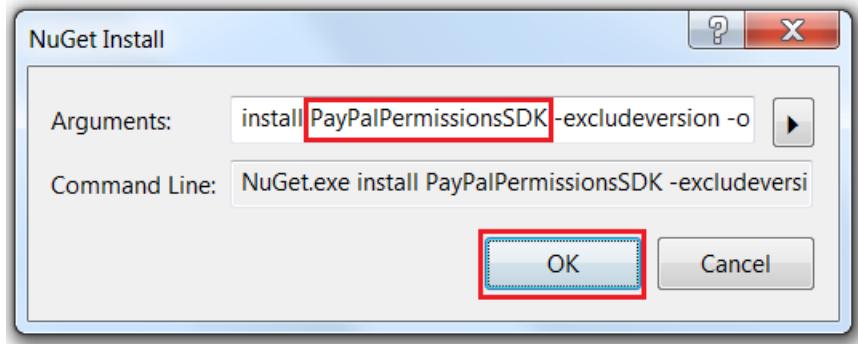
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalMerchantSDK 2.1.96'.
```



NuGet Install: PayPalPermissionsSDK

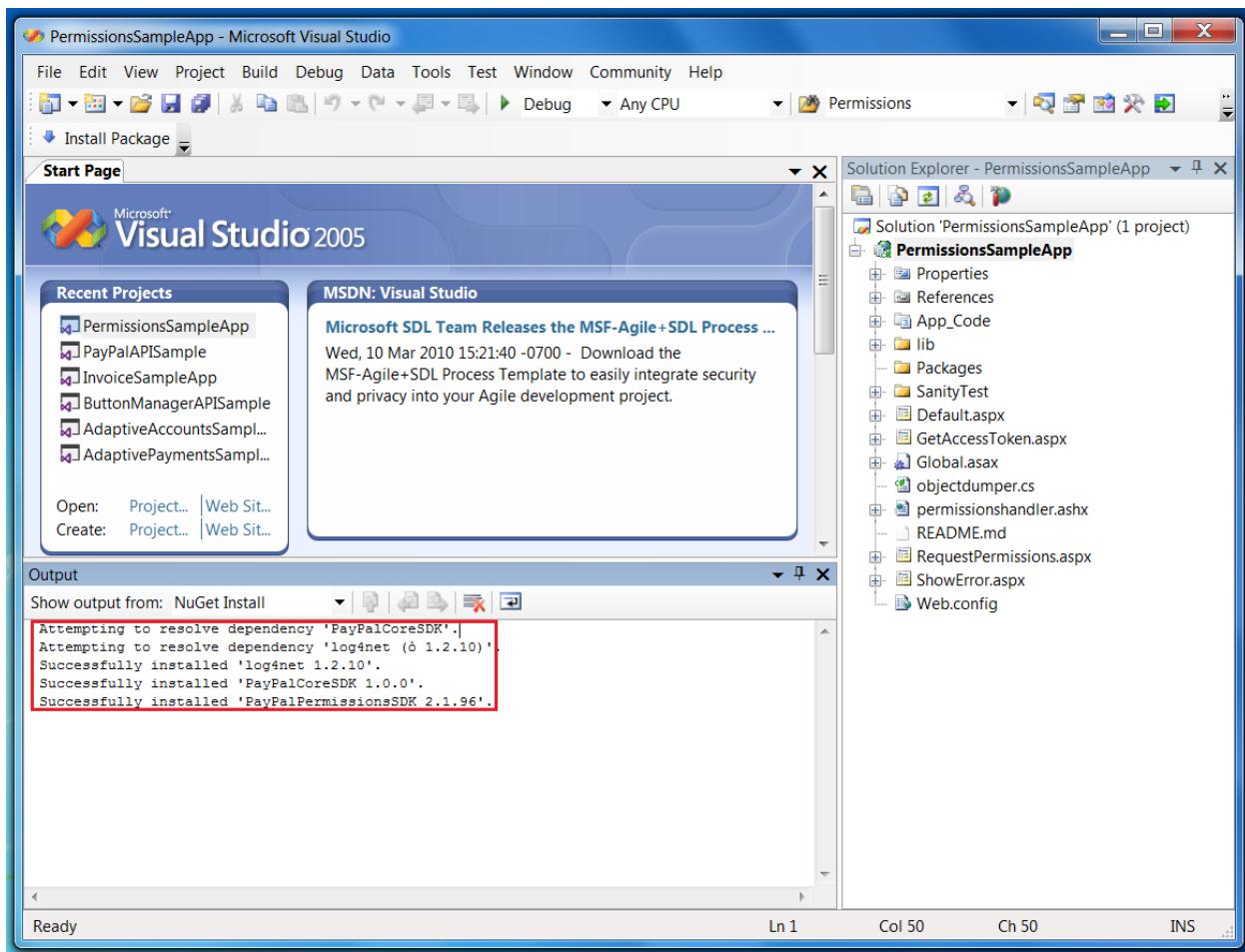
Enter Arguments:

```
install PayPalPermissionsSDK -excludeversion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

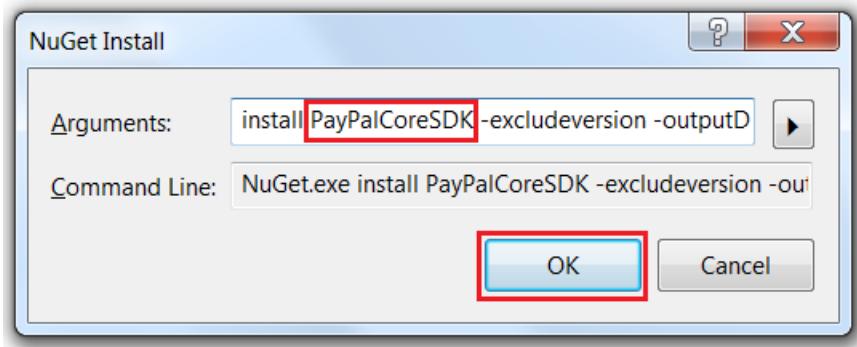
```
Attempting to resolve dependency 'PayPalCoreSDK'.
Attempting to resolve dependency 'log4net (> 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
Successfully installed 'PayPalPermissionsSDK 2.1.96'.
```



NuGet Install: PayPalCoreSDK

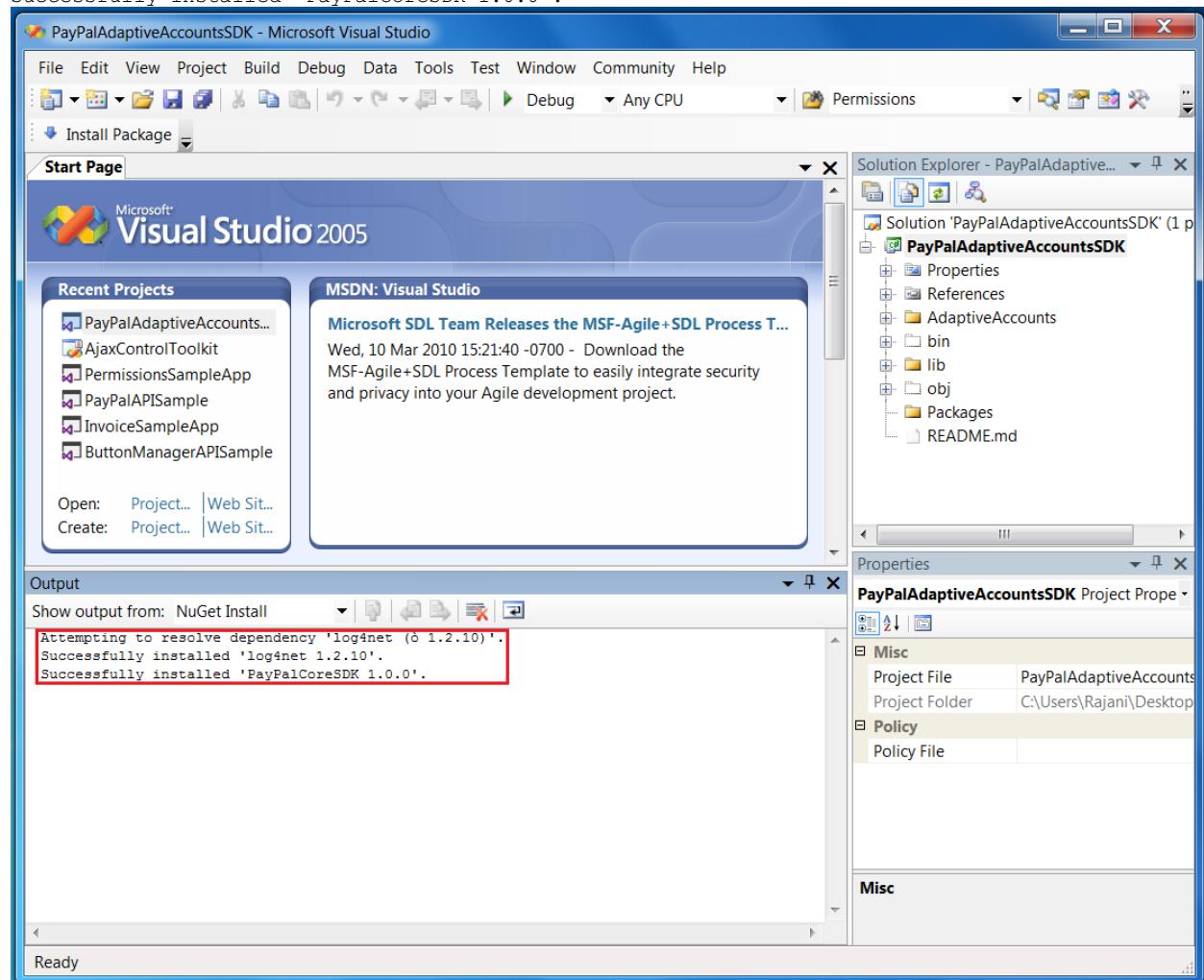
Enter Arguments:

```
install PayPalCoreSDK -ExcludeVersion -outputDirectory .\Packages
```



On clicking OK, the output window should display:

```
Attempting to resolve dependency 'log4net (>= 1.2.10)'.
Successfully installed 'log4net 1.2.10'.
Successfully installed 'PayPalCoreSDK 1.0.0'.
```



PayPal Core SDK for .NET 1.0.0

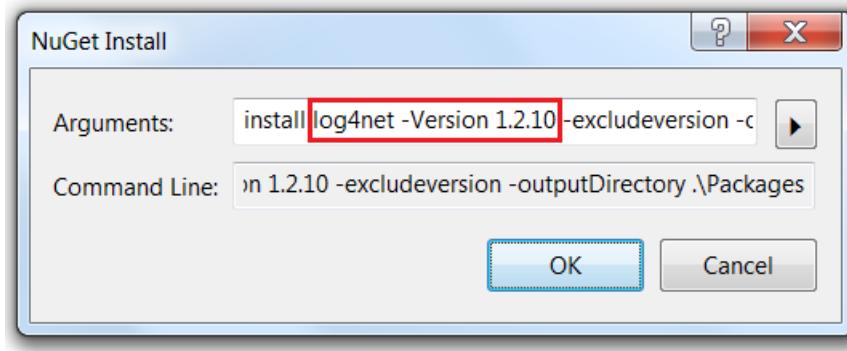
Dependencies

[log4net](#)(≥ 1.2.10)

NuGet Install: **log4net -Version 1.2.10**

Enter Arguments:

```
install log4net -Version 1.2.10 -ExcludeVersion -OutputDirectory .\Packages
```



On clicking OK, the output window should display:

```
Successfully installed 'log4net 1.2.10'.
```

