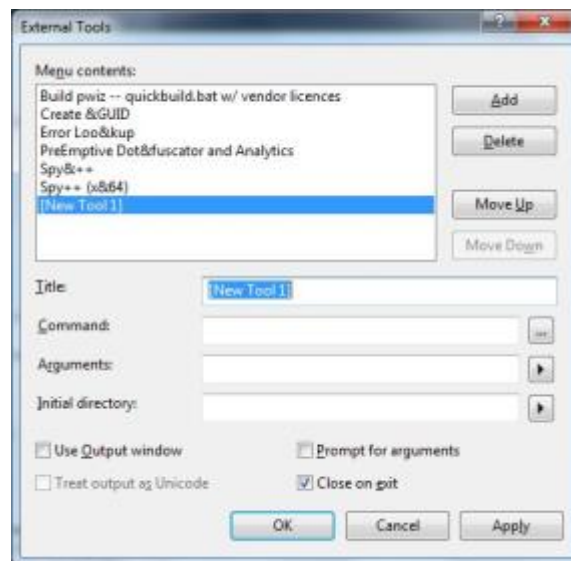# ProteoWizard Build Direct from MSVS
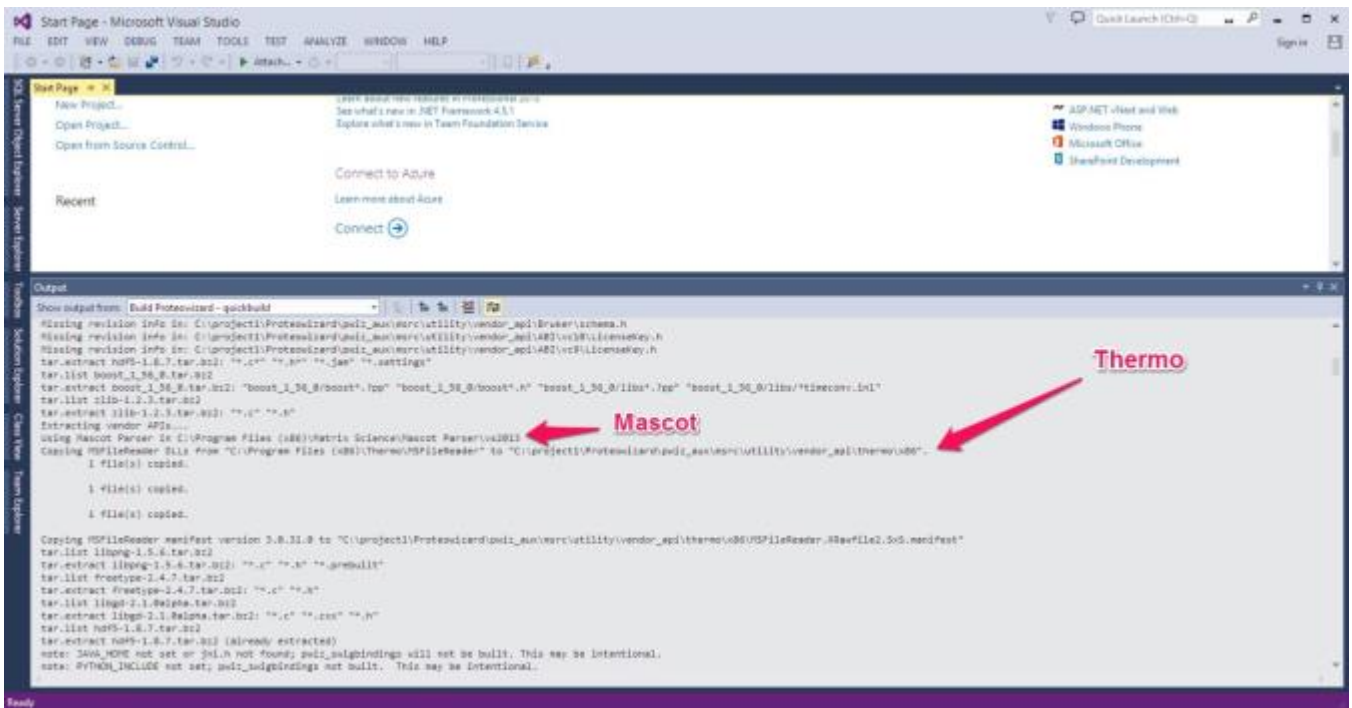
- These instructions will be for executing the following build command
  - 'quickbuild.bat **--i-agree-to-the-vendor-licenses'**
  - you can adjust or enhance later for your specific needs.
  - You can use a DOS command prompt to execute the command 'quickbuild.bat –help' to see how you would like to adjust or add new commands at a later time.
- Open up Microsoft Visual Studio 2013.
- Go to **Tools** drop down menu
- Go to bottom of menu and select **External Tools**
- Click on the **Add** button

- In the **Title** text box, type the name of your new tool/command (i.e. **Build pwiz -- quickbuild.bat w/ vendor licenses**)
- In the **Command** text box, enter the path to where **quickbuild.bat** is located (**i.e. C:\project1Pwiz\Proteowizard\quickbuild.bat**)
- In the **Arguments** text box, enter **--i-agree-to-the-vendor-licenses**
- In the **Initial directory box**, select **Solution Directory** from the drop down menu
- Select the text box that says **Use Output Window**

- **NOTE:** Make sure to move the Title of the new command to the **TOP** of the list of commands.
- Click **Apply**

- **Setup a Hot Key combination to execute your new command**

- o **Next steps are to configure a hot key command to quickly run quickbuild.bat while you have MS Visual Studio open for editing or viewing files**
- Now go back to **Tools** menu and select **Customize** from bottom of drop down menu
- Click on **Keyboard** at bottom of open window
- In the **Show Commands Containing,** type in **Tools.ExternalCommand**
  - o If you followed the NOTE above, you will need to select 'Tools.ExternalCommand**1'**
- In the **Press shortcut keys:** box, type in a set of key strokes to serve as a hotkey for your new command to build.
  - o i.e. **Ctrl + Alt + Shift + Q** for the quickbuild command
  - o the more keys involved, the less chance you will run a build by mistake, when fingers hit a random key. :)
- Then click **Assign**
- No go back to **Tools** menu and click on **Customize** at bottom of drop down menu

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- Feel free to email Juan Fernando – arguello at stanford.edu