

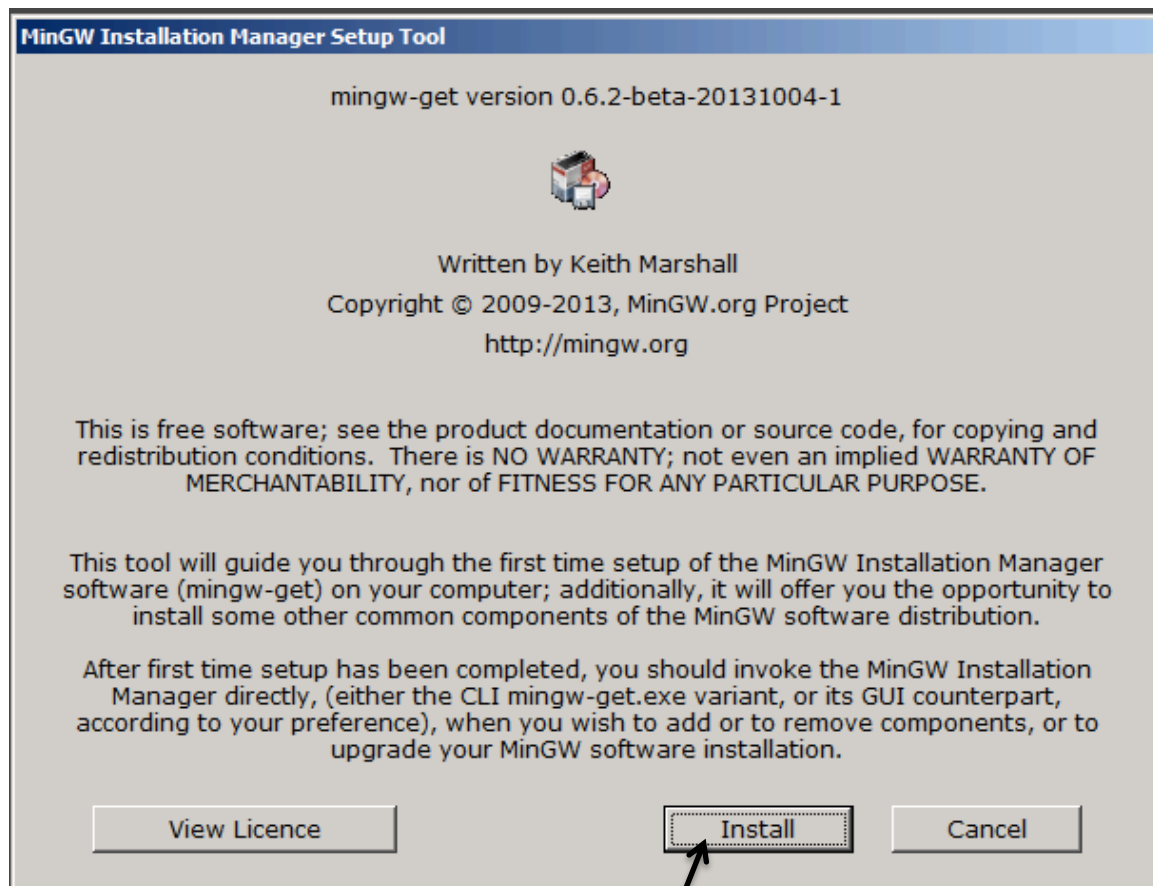
MinGW Installation

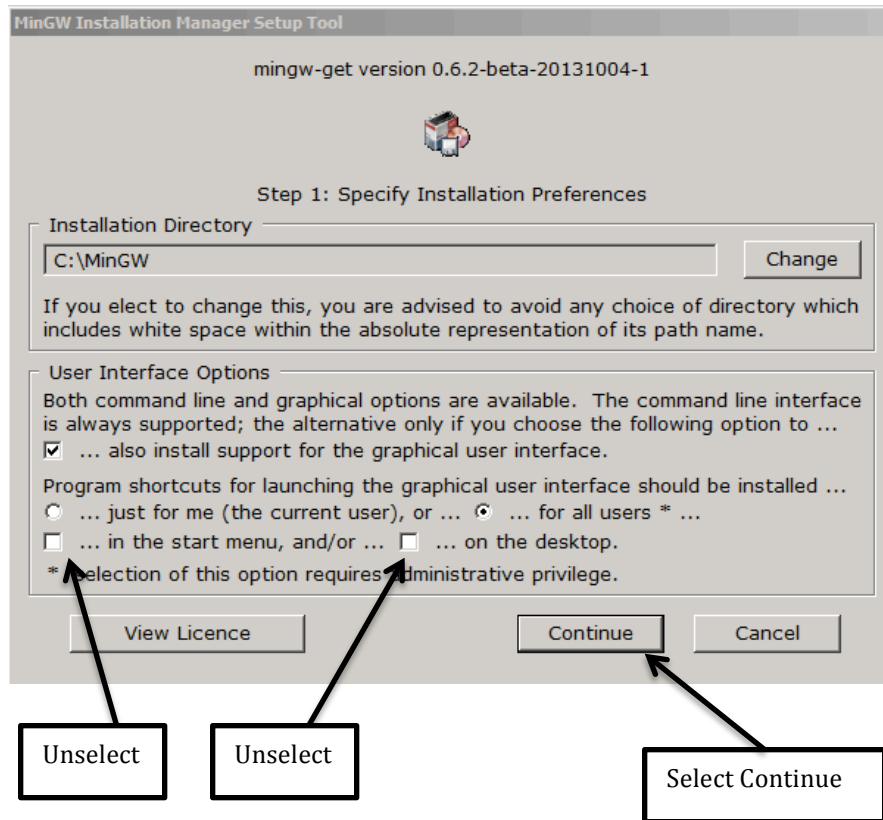
The purpose of this document is to aid students with installing MinGW. Completing the steps in this guide should produce a working installation of MinGW, which is used for compiling c and c++ source code.

If you have questions or need assistance please contact Luke Jackson (IT Specialist) at (931) 372-6287.

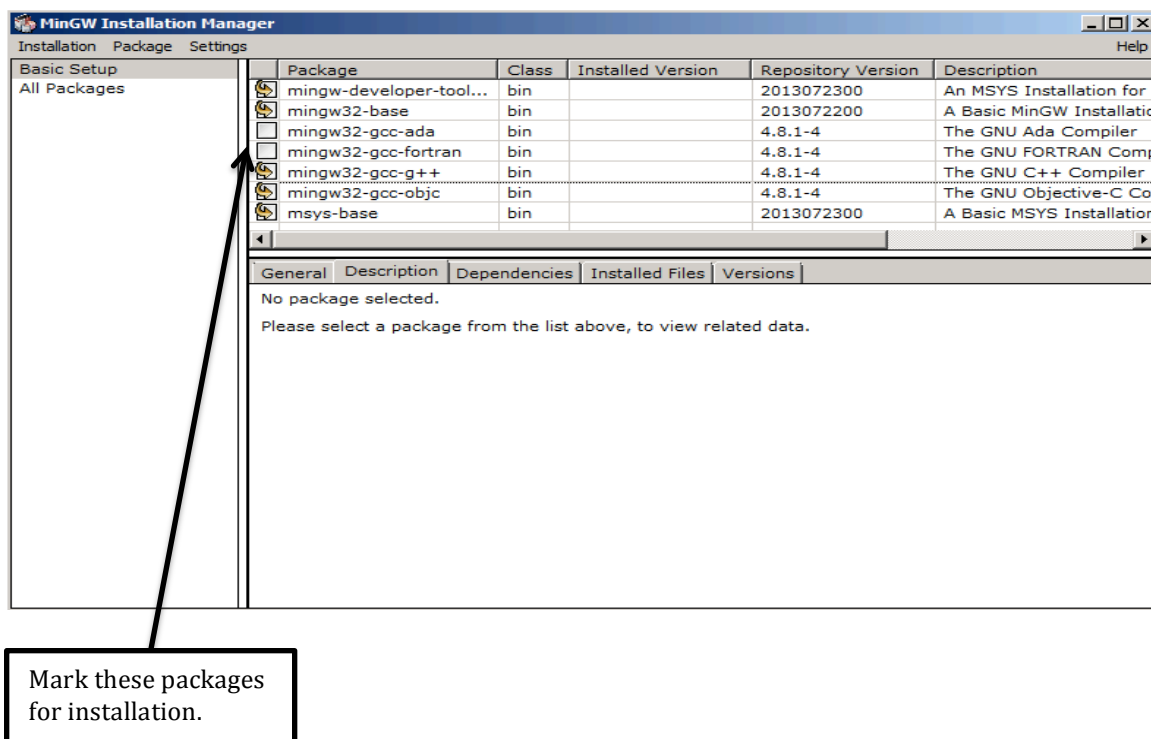
Instructions:

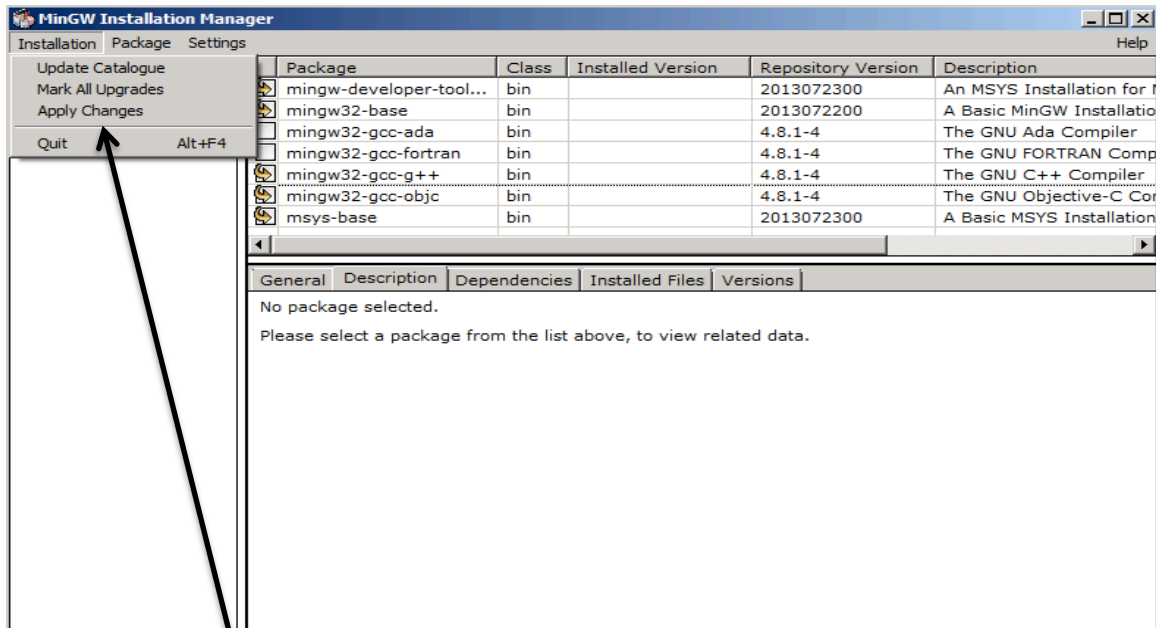
1. Start by downloading “mingw-get-setup.exe” from its mirror at:
<http://sourceforge.net/projects/mingw/files/Installer/>
2. Be sure to execute the installer as an administrator.
3. Follow the directions on proceeding prompts:



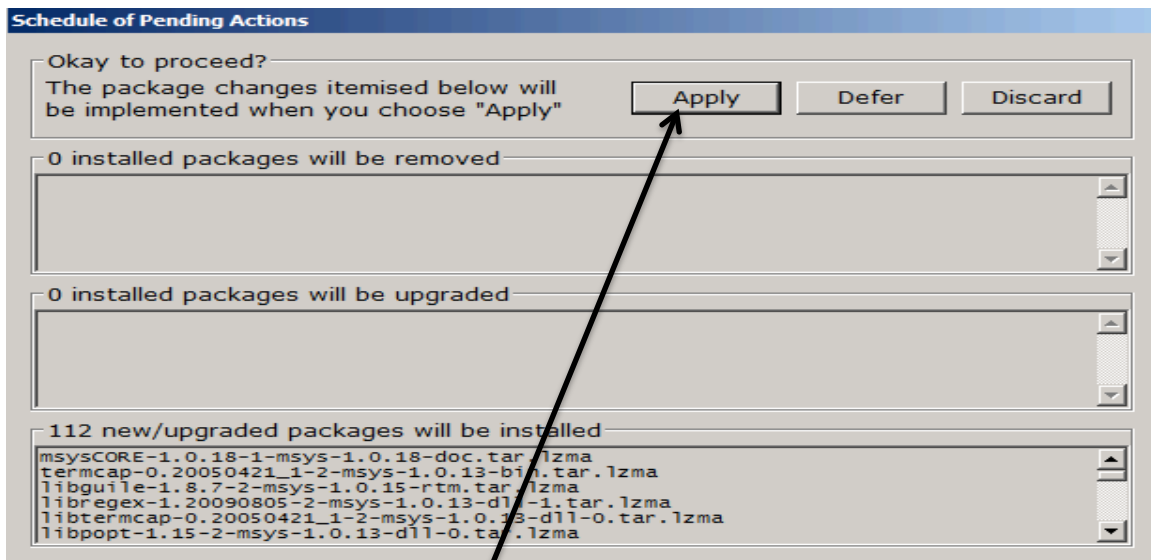


4. After MinGW has finished downloading the required packages select "Continue."



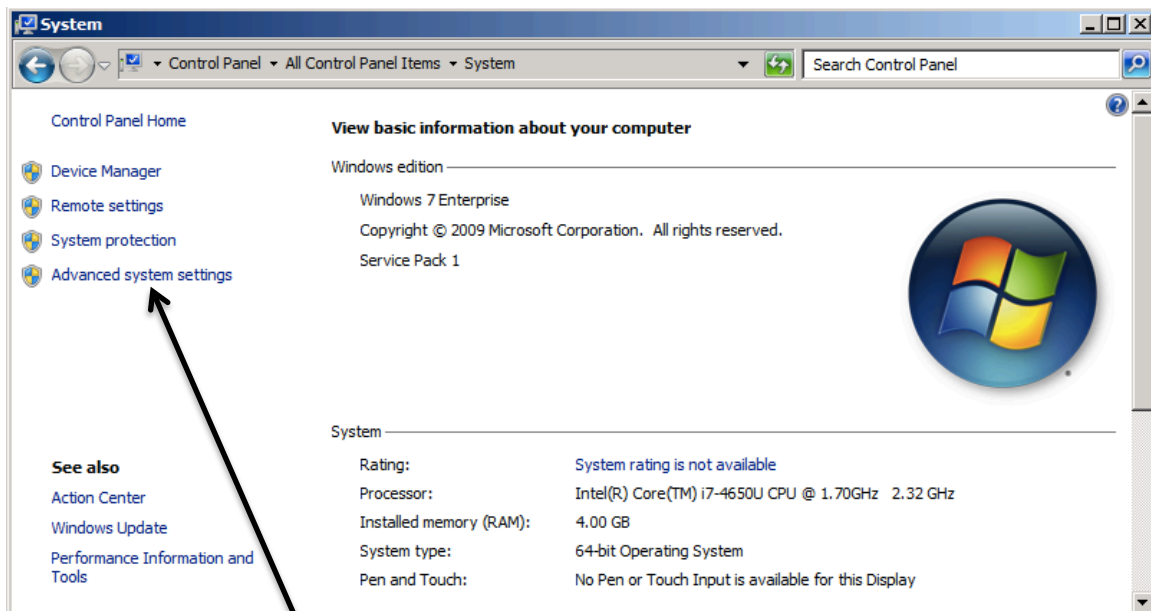
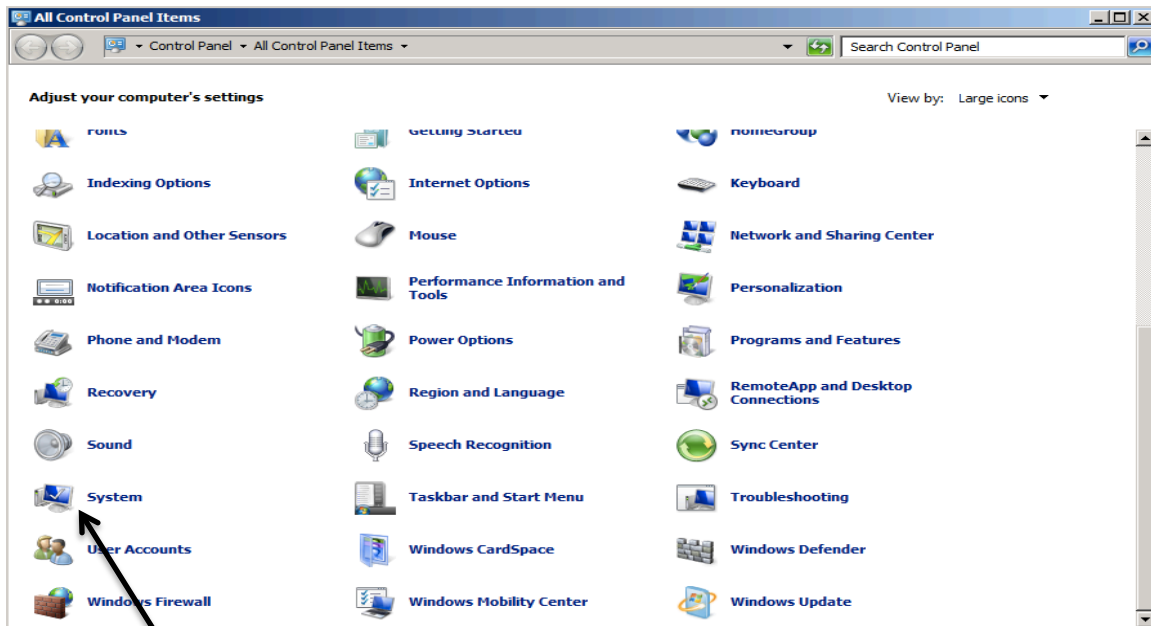


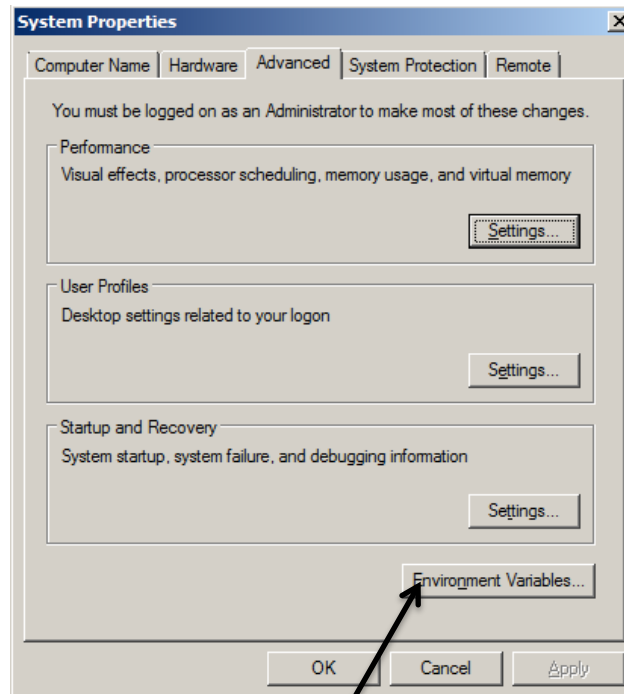
After all the packages are selected, select "Apply Changes" under the "Installation" tab.



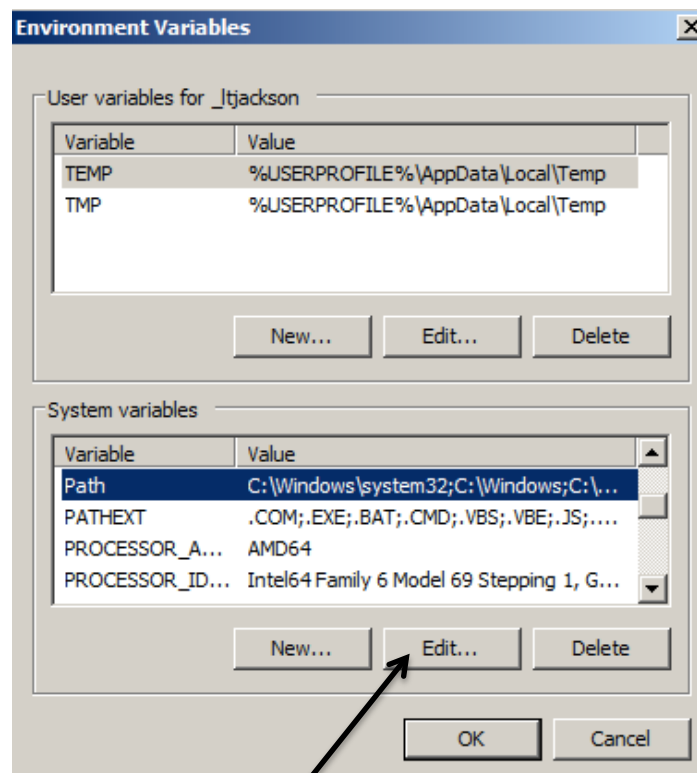
Select "Apply" to install packages.

5. After the packages are downloaded, close the program out completely.
6. Setup an environment variable for MinGW. Open your computer's control panel and select "System":

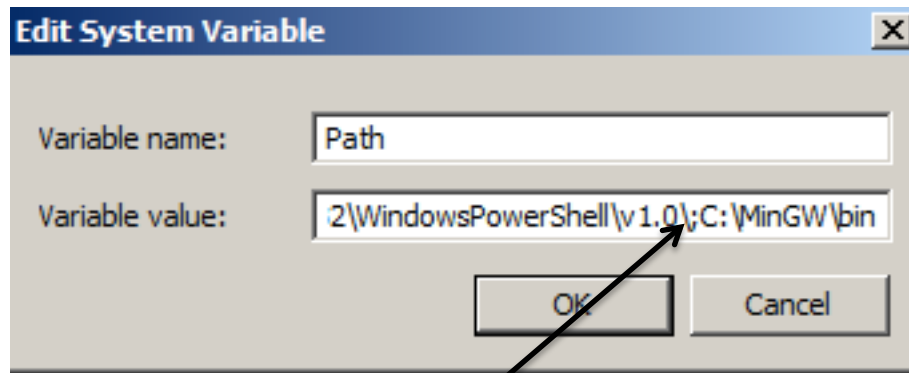




Under the “Advanced” tab select “Environment Variables...”



Under “System variables” scroll down to find the “Path” “Variable”. Select it and click the “Edit...” button.



In the "Variable value:" input area, go to the end of the line (DO NOT DELETE THIS LINE) and enter: ";C:\MinGW\bin". Make sure you have typed this correctly then press "OK".

7. After you have entered the environment variable press "OK" to the prompts and exit back to the desktop.
8. The last step is to test your configuration. Open the command line terminal and type: "g++" followed by a return. If you have configured MinGW correctly you should see the following message:

The image shows a Windows command prompt window titled 'C:\Windows\system32\cmd.exe'. The text inside the window reads: 'Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. C:\Users\ltjackson>g++ g++: fatal error: no input files compilation terminated. C:\Users\ltjackson>'. The prompt is at 'C:\Users\ltjackson>'.