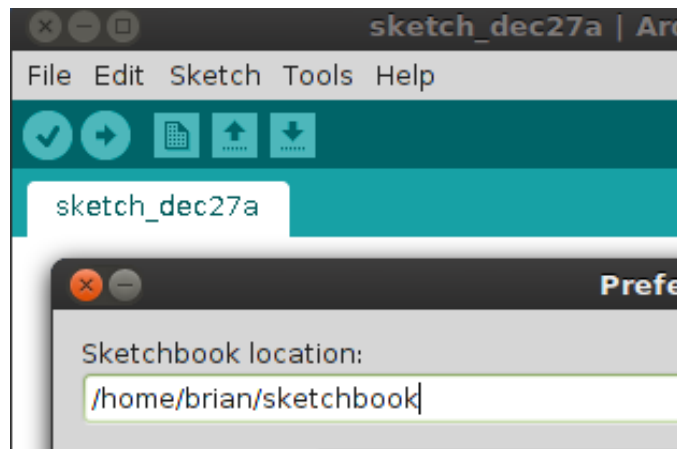For compiling in Windows, Arduino 1.0.5 or 1.0.6 is preferred, although arduino beta 1.5 may also work. Download the windows "installer" version from http://arduino.cc and follow its default installation.
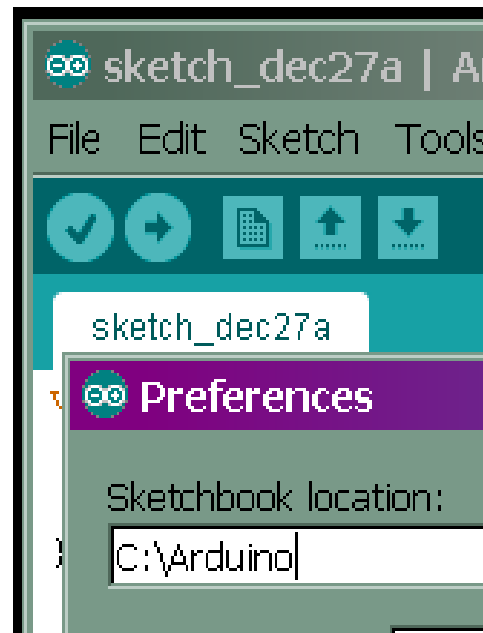
From the arduino program you can see the "sketchbook location", that is where the project files are installed for you. **Click "FILE / PREFERENCES".**

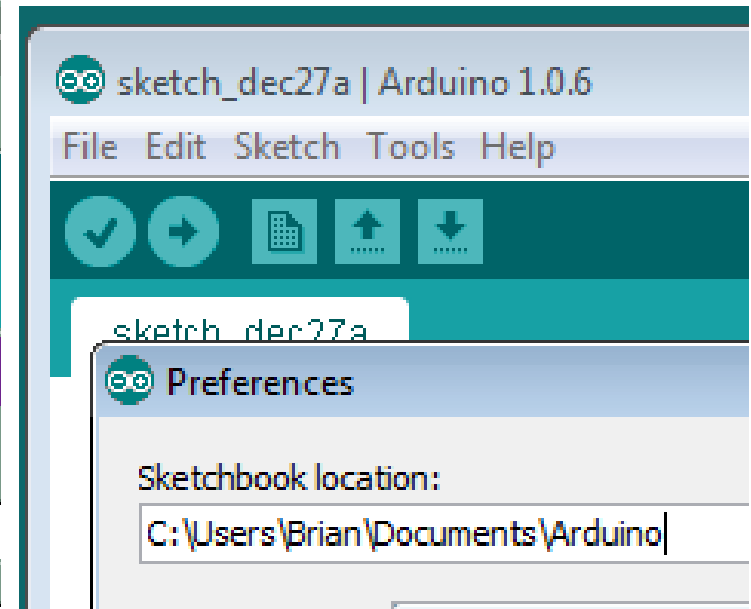Linux usually uses "~/(user)/sketchbook":

Versions of Windows may use a "sketchbook" or a "arduino" folder. I have a WinXP install that uses "C:\Arduino" and a Win7-64 install that uses "C:\Users\Brian\Documents\Arduino".
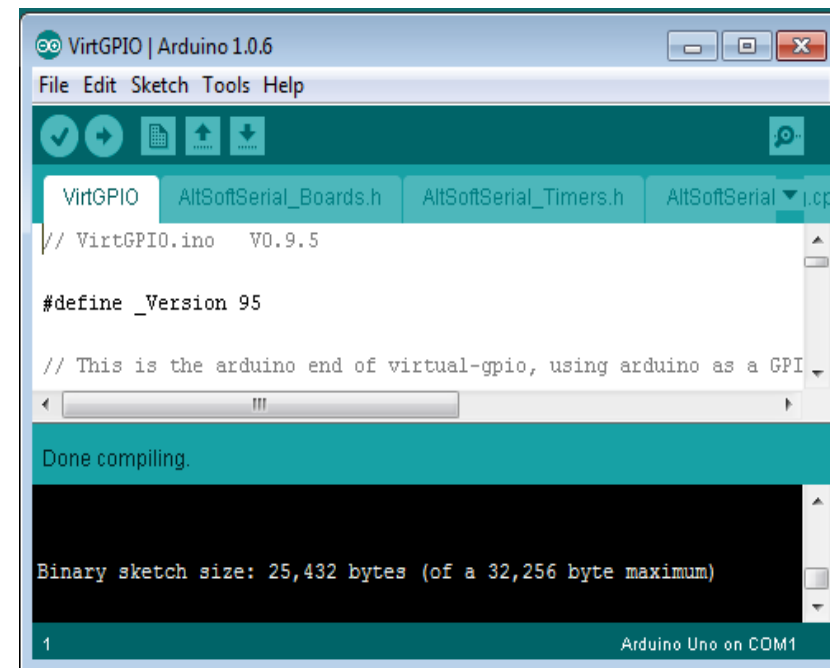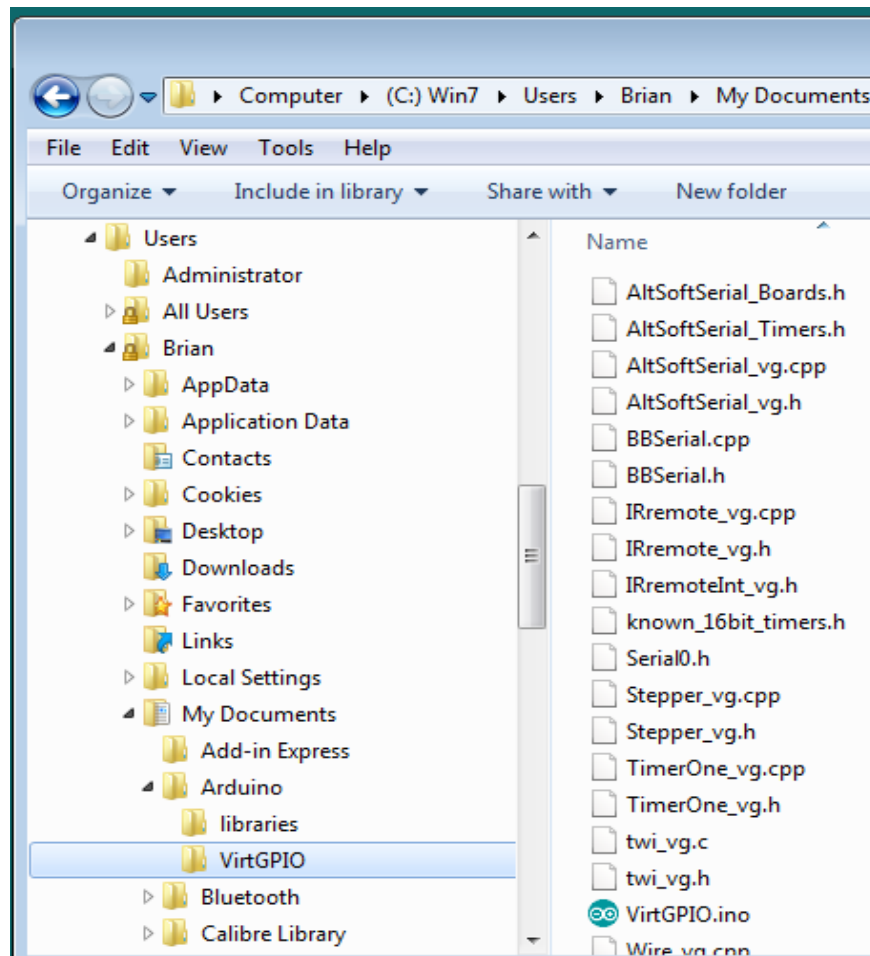

my LINUX

my WIN-XP

my WIN-7

You must place **ALL** of the arduino files into the folder "VirtGPIO" inside your sketchbook area. **Nothing goes into the "libraries" area**:

Re-start the arduino program, find the VirtGPIO project in the sketchbook (Click FILE / SKETCHBOOK).
Set Board type (TOOLS / BOARD) to match your arduino type (must be a 328 type, eg UNO or Nano).
It should compile cleanly.