Instructions for using the VM (assuming a Windows x64 environment)

1. *Download* and *install* virtualBox
2. *Download* the Mint-Qt4.7-opengl-qtspim (CS VM) (zip file) from
3. <https://downloads.cs.txstate.edu/>
4. *Unzip* using WinZip, 7-zip, or RAR and place in a folder of your choice.
5. *Start* the VirtualBox VM player and hit new.
   1. *Name* your machine
   2. *Choose* the Linux (*Type*) and Fedora 64 (*Version*) options
   3. *Set* the memory (to about half of available)
   4. Next (hit *next*) chose the “use an existing virtual hard disk file” and navigate using the file icon to the location of the CS VM on your hard drive
   5. Choose this file (icon) and get started
6. Shut down the machine and restart
7. Use the *Devices* option to set the number of processors (again half of available)
8. *Enable* the shared clipboard and the drag and drop options.
9. Shut down the VM Player and start again. You are G2G.

To develop your own programs please take a look at the examples I did in class. In specific the following is an example for the Vertical spinner and slider application available on TRACS\Resources\Misc\QT-OGLExamples.

1. Place the file SlideAndSpin.cpp in a folder named SlideAndSpin in the VM and open a terminal in this folder.
2. Issue the set of instructions:
   1. qmake –project
   2. qmake
   3. make
3. Run the program (./SlideAndSpin)

Note, the best way to transfer files from Linux to host is via right click on the USB icon in the bottom right part of the virtual machine.