1. Make sure MATLAB is closed.
2. [Install the SlickSVN client](https://sliksvn.com/download/) (prerequisite; the install files are at \\[lsa-ehts.m.storage.umich.edu](http://lsa-ehts.m.storage.umich.edu/)\lsa-ehts\Windows\Software\GStreamer and the latest version is 1.9.7).
3. [Install GStreamer](https://gstreamer.freedesktop.org/data/pkg/windows/) (prerequisite; the install files are at \\[lsa-ehts.m.storage.umich.edu](http://lsa-ehts.m.storage.umich.edu/)\lsa-ehts\Windows\Software\GStreamer and the latest version is 1.12.2).
   1. When installing, choose the “Complete” install option.
   2. Verify that the GStreamer environment variable is set. No reboot is needed (but a reboot never hurts). After the install is finished, there should be a new system environment variable named GSTREAMER\_1\_0\_ROOT\_X86\_64, with the value C:\gstreamer\1.0\x86\_64\bin\. Do **not** use the x86 version of Windows. If it is in the user variables, move it to the system variables. This will let Psychtoolbox see GStreamer for all users. If this variable doesn't exist, please make it and point it to the folder where GStreamer was installed. Make sure that the variable ends with the "\" path delimiter otherwise the Psychtoolbox startup function will point to the incorrect folder (this is a bug).
4. Make sure that the PC also has the specific video card control panel software installed (*i.e.*, if the PC has an ATI video card, you need to make sure that the Catalyst software is installed; or Intel, or nVidia, *etc.*).
5. Create a top level directory where Psychtoolbox will be downloaded. Typically, this will be C:\Toolbox, but can be any directory. Copy the contents of \\[lsa-ehts.m.storage.umich.edu](http://lsa-ehts.m.storage.umich.edu/)\lsa-ehts\Windows\Software\PsychToolBox\Toolbox to the C:\Toolbox.
6. [Download Psychtoolbox](http://psychtoolbox.org/download/). Remember where this is downloaded as we need to run it within MATLAB later. This is not an executable, but a MATLAB based script, and as such can only be run with the MATLAB environment.
7. Open MATLAB as an administrator and navigate to the folder where you downloaded the Psychtoolbox installer. The file will be called DownloadPsychtoolbox.m. There are 2 ways to navigate to a folder in MATLAB:
   1. Use the Current Folder window that runs along the left side of the MATLAB window and/or the Current Directory bar that runs beneath the ribbon menus at the top.
   2. Use the cd command in the Command Window. The full command will look something like cd(‘C:\Users\myaccount\Downloads’), but with the actual download location of the Psychtoolbox installer (cd C:/toolbox). To run the command, type it into the Command Window and press enter.
8. Run the Psychtoolbox installer and pass it the name of the top level directory you created in Step 5. Using C:\Toolbox as an example, in the Command Window, run DownloadPsychtoolbox(‘C:/Toolbox’). This step will take a bit, and you may be prompted for user input at the beginning and end of the installer, so pay attention to the output on the screen.
9. Copy libusb-1.0.dll from C:\toolbox\Psychtoolbox\PsychContributed\x64 to C:\Windows\System32.
10. Assuming no errors, restart MATLAB. In the Command Window, you should see a message saying something like “PsychStartup: Adding path of installed GStreamer runtime to library path. blah blah blah”. If GStreamer wasn’t set up properly, you’ll see some sort of error message indicating the problem.
11. Test Psychtoolbox by running the command DotDemo in the Command Window. This will run an example program with a simple animation which will run until you hit enter or escape. There will be copious errors printed to the Command Window if Psychtoolbox encountered any errors.

Note:  If Psychtoolbox is already installed and setup properly within MATLAB, it can be updated by running UpdatePsychtoolbox in the Command Window. MATLAB should be run as administrator or the Psychtoolbox folder needs to have the appropriate permissions for this to work properly.