Getting GUI support for Windows Subsystem for Linux

Credits: <https://seanthegeek.net/234/graphical-linux-applications-bash-ubuntu-windows/>

**Windows Subsystem for Linux Setup** *1/22/18 3:36 PM*  
  
In order to run Linux GUI applications on Bash On Ubuntu on Windows, you must:

1. Install a X server for Windows
2. Configure bash to tell GUIs to use the local X server

**Install VcXsrv**

In order to run graphical Linux applications, you’ll need an X server.

[**VcXsrv**](https://sourceforge.net/projects/vcxsrv/)**is the only fully open source and up-do-date native X server for Windows.**

1. Download and run the latest installer
2. Locate the VcXsrv shortcut in the Start Menu
   1. Right click on it
   2. Select More>Open file location
   3. Copy the VcXsrv shortcut file
3. Paste the shortcut in %appdata%\Microsoft\Windows\Start Menu\Programs\Startup
4. Launch VcXsrv for the first time

You may receive a prompt to allow it through your firewall. Cancel/deny this request! Otherwise, other computers on your network could access the server.

A X icon will appear in your system tray.

**Configure bash to use the local X server**

1. In bash run:  
   echo "export DISPLAY=localhost:0.0" >> ~/.bashrc
2. To have the configuration changes take effect, restart bash, or run:  
   . ~/.bashrc