My Pi2 Development Setup (Sharing home directories as read/write)

1) Install Samba.

sudo apt-get update  
 sudo apt-get install samba samba-common-bin

2) Create a Samba user on the Pi. In our case this should be the same as your local Pi user “pi”.

sudo smbpasswd -a pi

{set password}

3) Backup samba configuration file.

sudo cp /etc/samba/smb.conf /etc/samba/smb.conf.bak

4) Configure samba.

sudo nano /etc/samba/smb.conf

Change the “Share Definitions” section in the file. Allow home directories to be editable.

#======================= Share Definitions =======================

[homes]

  comment = Home Directories

  browseable = no

# By default, the home directories are exported read-only. Change the

# next parameter to 'no' if you want to be able to write to them.

  read only = **no**

  server signing = mandatory

Save by pressing [Control] + [O] then [Control] + [X] to exit nano.

5) You should now be able to connect to your user’s home directory by typing an address similar to this on Windows Explorer. You will be prompted to authenticate; enter the credentials you created on step 2. You may also consider mapping this as a network drive.

\\raspberrypi\pi

Or

\\192.168.X.X\pi

**Note: REMEMBER TO BACK UP. With this configuration your code could be lost if your SD card gets corrupted. Use Win32 Disk Imager to create a backup of your SD  card.**