VNC

Virtual Network Computers allow you to remotely control computers over a network. VNC is a flexible protocol that has led to the creation of a number of powerful free and paid-for applications

TightVNC

Accoring to their website:

What is TightVNC?

TightVNC is a free remote control software package. With TightVNC, you can see the desktop of a remote machine and control it with your local mouse and keyboard, just like you would do it sitting in the front of that computer. TightVNC is:

- free for both personal and commercial usage, with full source code available,
- useful in administration, tech support, education, and for many other purposes,
- cross-platform, available for Windows and Unix, with Java client included, compatible with standard VNC software, conforming to RFB protocol specifications.

With TightVNC, you can:

- cut your expenses and save your time on traveling,
- help your friends and family to solve problems with their computers remotely,
- make sure nothing wrong is happening on your computers when you are away.

Installation

To install TightVNC Server on your Raspberry Pi Simply run the following command:

```
sud apt-get install tightvnc server
```

Click Y on your keyboard to agree and install.

Running

The first time to run tightvncserver you will be prompted to enter an 8 character password.

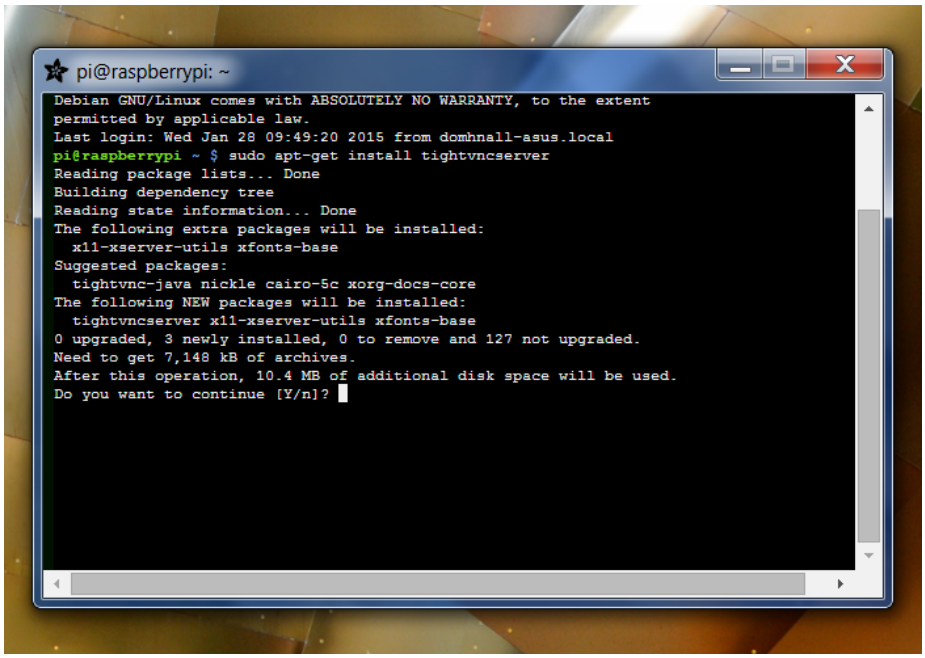

Figure 1: Command Line

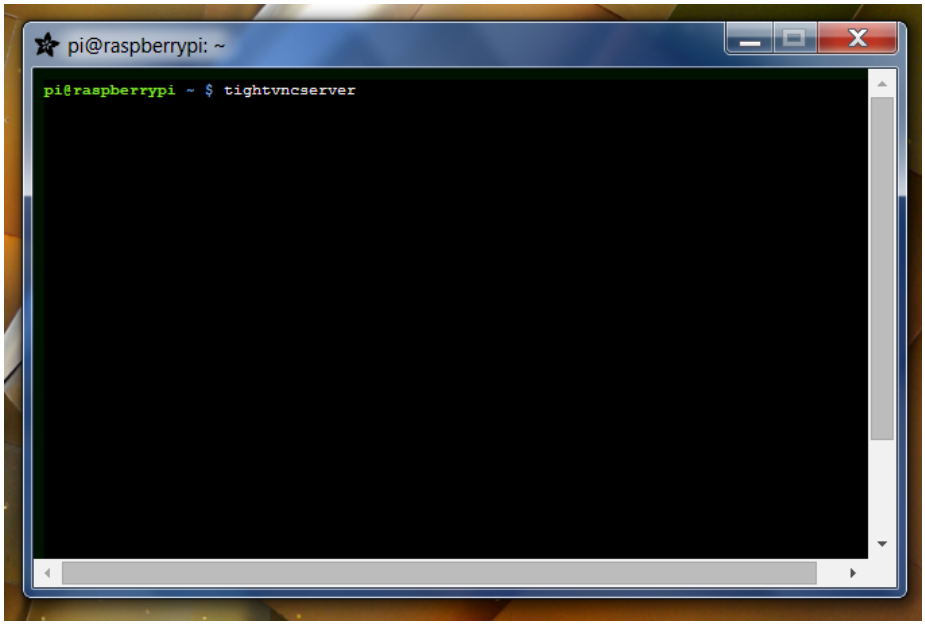

Figure 2: run

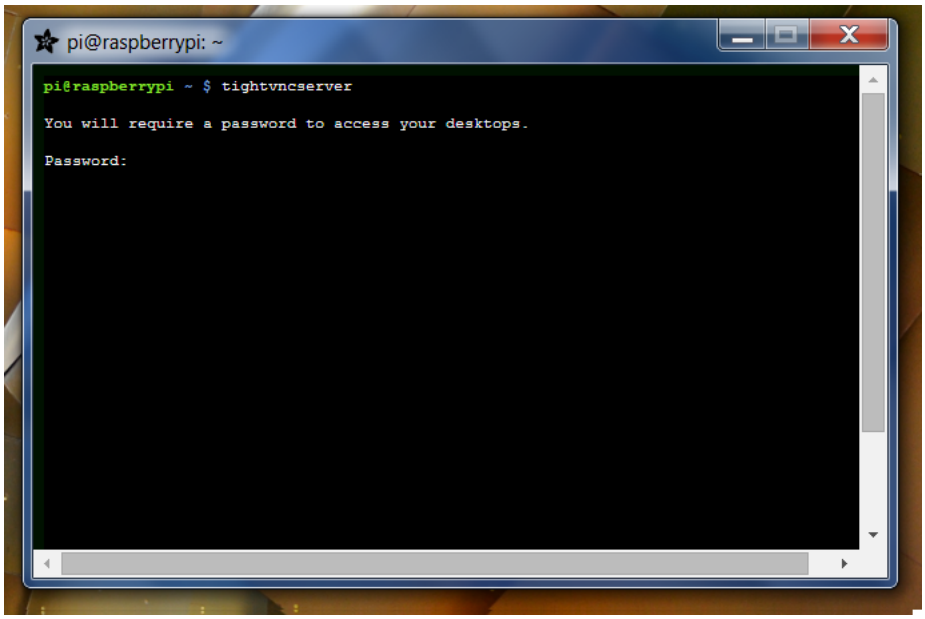

Figure 3: pw

That's All Folks!

You don't have to specify a view-only password if you don't want to. Make a note of your VNC name, typically a number between 0 and 4. In the example below it's `raspberrypi:1`

That's everything you need to do to get tightvncserver running on your Raspberry Pi. If you know your IP address you can take remote control of your Pi using a VNC client. If you're not sure of your IP you should probably SSH in and run `ifconfig` to find out.

Summary

To go back to the chapter overview click here

To return to the Raspberry Pi Recipes page click here

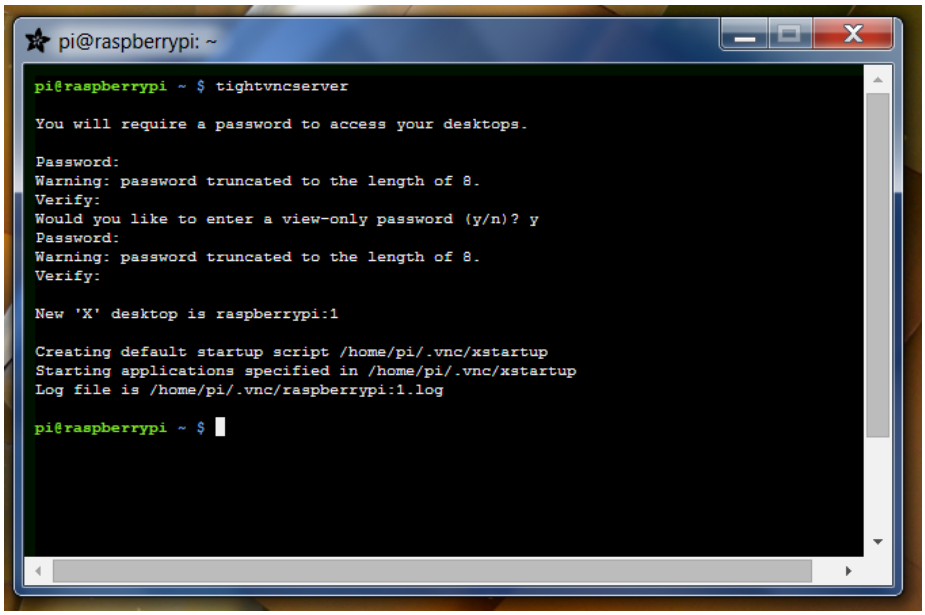

Figure 4: running