

# **Asterisk ver.13 on the Raspberry Pi2**

When I needed to install Asterisk on the RPi2 I searched google and found this "how to":

[http://www.klaverstyn.com.au/david/wiki/index.php?title=Asterisk\\_Install\\_on\\_Debian](http://www.klaverstyn.com.au/david/wiki/index.php?title=Asterisk_Install_on_Debian)  
Never wanting to reinvent the wheel and noting that this install provides many useful options, I followed the recipe there. For my archive I have copied the instruction set below.

The configurations that bridge this PBX with my AllStar Link system will follow in the next post.

Ron – KA7U

March 3, 2016

## **To install Asterisk on a Raspberry Pi with a Debian based system.**

### **Dependencies**

```
apt-get -y install libv4l-dev ffmpeg libx264-130
```

```
cd /usr/src
wget http://www.libsdl.org/release/SDL2-2.0.4.tar.gz
tar xvf SDL2-2.0.4.tar.gz
rm -f SDL2-2.0.4.tar.gz
cd SDL2-2.0.4
./configure
make
make install

cd /usr/src
wget
http://www.pjsip.org/release/2.4.5/pjproject-2.4.5.tar.bz2
tar xvf pjproject-2.4.5.tar.bz2
rm -f pjproject-2.4.5.tar.bz2
cd pjproject-2.4.5
./configure --enable-shared
make dep
make
make install

cd /usr/src/
wget http://www.digip.org/jansson/releases/jansson-2.7.tar.gz
tar xvf jansson-2.7.tar.gz
rm -f jansson-2.7.tar.gz
cd jansson-2.7
./configure
make
make install
make check

apt-get -y install libtiff5-dev
echo /usr/local/lib/ >> /etc/ld.so.conf

cd /usr/src
wget
http://www.soft-switch.org/downloads/spandsp/spandsp-0.0.6.tar
.gz
tar xvf spandsp-0.0.6.tar.gz
rm -f spandsp-0.0.6.tar.gz
cd spandsp-0.0.6
./configure
make
make install
```

```
ldconfig
```

## Asterisk Prerequisite

```
apt-get -y install subversion libspeexdsp-dev libmyodbc  
unixodbc-dev libmysqlclient-dev libnewt-dev libncurses5-dev  
uuid-dev libxml2-dev libsqlite3-dev libssl-dev portaudio19-dev
```

## Install Asterisk

```
cd /usr/src  
wget  
http://downloads.asterisk.org/pub/telephony/asterisk/asterisk-  
13-current.tar.gz  
tar xvf asterisk-13-current.tar.gz  
rm -f asterisk-13-current.tar.gz  
cd asterisk-13.7.0  
./configure  
./contrib/scripts/get_mp3_source.sh  
make menuselect  
make  
make install  
make config  
make samples
```

## Debian Cleanup

```
apt-get -y autoclean  
apt-get -y autoremove
```