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 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.
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To install Asterisk on a Rapsberry 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
```