

Gnuradio 3.2.2:

- **Remove automake and install automake1.9**
- **Download Gnuradio 3.2.2 source tarball from the following link:**

<http://ftp.gnu.org/gnu/gnuradio/>

- **Apply usrp2 patch for gcc 4.5 compatibility:** Download the patch file from the following link:

<http://lists.gnu.org/archive/html/discuss-gnuradio/2010-08/txtO8TdVTt9aV.txt>

and save in the source directory of Gnuradio 3.2.2

- **Install Gnuradio 3.2.2:** Go to the source directory of Gnuradio. Run the following commands:

```
./bootstrap
```

```
./configure
```

- Apply the following diff patch to the source files
(<http://gnuradio.org/redmine/repositories/diff/gnuradio/usrp2/host/lib/usrp2.cc?rev=d2888160c3fc&a8da2152f8690dda7ae40d9a9163>)

- Remove all files with the word “moc” in their names in the directory (gr-qtgui/src/lib)
- Run the following commands:

```
make
```

```
sudo make install DESTDIR=/path/to/build/dir
```

BBN Receiver:

- Install libtool (apt-get install libtool)
- **Download BBN source code using svn:** go to one folder above gnuradio and run the following code

```
svn co https://www.cgran.org/cgran/projects/bbn_80211/branches/douggeiger bbn_doug
```

- **Set environmental variable:** Run the following command

```
export
```

```
PKG_CONFIG_PATH=/path/to/gnuradio-3.2.2.dfsg/gnuradio-core/:/path/to/gnuradio-3.2.2.dfsg/gruel/:/path/to/gn
```

uradio-3.2.2.dfsg/omnithread/o/gnuradio-3.2.2.dfsg/omnithread/

- **Install BBN receiver:** Go the source folder of BBN receiver and run the following commands

./bootstrap

./configure

make