

November 16, 2012     Tom McDermott, N5EG

Linux build and install instructions for Gnuradio Hermes/Metis module.

The gr-hpsdr directory contains source to build a Gnuradio module for Hermes/Metis called HermesNB. It is compatible with Gnuradio 3.6.2 and has been tested on Ubuntu 12.04. You will need cmake, make, gcc, autoconfig. These were all needed to install and build Gnuradio 3.6.2, so they should already be present on your Linux system.

Assuming that the files are checked out to <~>, build the application as follows:

```
CD ~/gr-hpsdr/build
~/gr-hpsdr/build/> cmake ../
~/gr-hpsdr/build/> make
~/gr-hpsdr/build/> sudo make install
~/gr-hpsdr/build/> sudo ldconfig
```

To remove the module from gnuradio:

```
~/gr-hpsdr/build/> make uninstall
```

In Gnuradio Companion, the directory is hpsdr, and the module name is HermesNB. The NB stands for narrow-band, the digitally down converted stream. Right now, there is no HermesWB (wideband raw ADC stream) available.