

Installing GNU Radio

There are a number of ways to install GNU Radio. This guide assumes that you have installed Ubuntu 9.04 and you have NOT installed a previous version of GNU Radio. It is also assumed that you want to install the latest stable release of GNU Radio. That is recommended for those of you who are new to GNU Radio. In the future you may want to work with the unstable development branch. Instructions for that installation are available on the gnuradio.org website.

Before you begin, it is strongly recommended that you back up your current system and all of your files and applications. As you go through these instructions, if you find that any of the instructions or links are out of date, please report that by email to: skatz@csun.edu.

1. Select System > Administration > Software Sources from the pull down menu. You may be prompted for your password. Click on the Third-Party Software tab. Using the “Add” button, add in the following two sources:

```
deb http://gnuradio.org/ubuntu stable main
deb-src http://gnuradio.org/ubuntu stable main
```

Make sure that the boxes are checked to select both of them. Close the Software Sources window.

2. Open a terminal window using: Applications > Accessories > Terminal. At the prompt type:
`sudo aptitude update`

You will be prompted for your password. Allow this step to complete. You may be asked if you wish to continue several times. Type: Yes to each of these prompts.

3. At the prompt type:

```
sudo aptitude install gnuradio gnuradio-companion
```

Allow this step to run to completion.

4. Your installation of gnuradio should now be complete. To confirm that the installation is complete, type:

```
grc
```

at the terminal prompt. The GNU Radio Companion window should open.

These instructions were obtained from the gnuradio.org website at:

<http://gnuradio.org/redmine/wiki/gnuradio/DebianPackages>

Please refer to this site for additional instructions, if needed.