

### **Fix the reference issue for installing gnuradio on E310**

- install UHD to /usr
- install GNURADIO to /usr

### **Install python-requests for uhd\_images\_downloader**

```
# pip install requests
```

### **Configuring UHD for installation on E310**

```
# cmake -DCMAKE_INSTALL_PREFIX=/usr -DENABLE_E300=ON ..#
```

### **Configure GNU Radio for installation on E310**

```
# cmake -DCMAKE_C_FLAGS="-march=armv7-a -mthumb-interwork -mfloat-abi=hard -mfpu=neon  
-mtune=cortex-a9" -DCMAKE_ASM_FLAGS="-march=armv7-a -mthumb-interwork -mfloat-  
abi=hard -mfpu=neon" -DCMAKE_INSTALL_PREFIX=/usr ../#  
# make -j2  
# make install
```

### **Configure gr-ettus for installation on E310**

```
# cmake -DCMAKE_INSTALL_PREFIX=/usr ../
```

### **Vivado GUI Project – Fire up Vivado GUI when building**

```
$ make <make target> GUI=1
```