

GNU RADIO AND UHD INSTALLATION ERROR

- I have installed GNU Radio using PyBombs from <http://ecee.colorado.edu/~mathys/ecen4652/SDRsoftware/GNURadioInstall.html>
- UHD was installed from [https://kb.ettus.com/Building_and_Installing_the_USRP_Open-Source_Toolchain_\(UHD_and_GNU_Radio\)_on_Linux](https://kb.ettus.com/Building_and_Installing_the_USRP_Open-Source_Toolchain_(UHD_and_GNU_Radio)_on_Linux)
- GNU Radio works fine. I've created an FM Radio application on it. USRP E320 is also detected on the system. However, when the flowgraph is executed on GNU Radio, following error shows up:

*RuntimeError: FPGA component 'noc_shell' is revision 2 and UHD supports revision 3.
Please either upgrade the FPGA image (Recommended) or downgrade UHD.*

Troubleshooting:

- As indicated by few web sources, Pybombs could've created issues during GNU Radio installation. So, I re-installed GNU radio and UHD without using pybombs (from [https://kb.ettus.com/Building_and_Installing_the_USRP_Open-Source_Toolchain_\(UHD_and_GNU_Radio\)_on_Linux](https://kb.ettus.com/Building_and_Installing_the_USRP_Open-Source_Toolchain_(UHD_and_GNU_Radio)_on_Linux)).

But the error still persists.

*RuntimeError: FPGA component 'noc_shell' is revision 2 and UHD supports revision 6.
Please either upgrade the FPGA image (Recommended) or downgrade UHD.*

- Required installation libraries for UHD are supported for Ubuntu version 18.10 or less. Whereas, our system has Ubuntu version 19.0. Could this be the possible reason for this issue? Should I downgrade Ubuntu to 18.10?