**Multi-channel splicing\_new method\_instructions\_version 1**

1. Linux 802.11n CSI Tool
   1. I recommend installing the new version of Linux 802.11n CSI Tool (<https://dhalperi.github.io/linux-80211n-csitool/installation.html>) since it is easy and faster. It can also keep the Ethernet interface (eth0).
   2. If you install the old version of Linux 802.11n CSI Tool, the Ethernet interface (eth0) may be removed. You have to install the driver for Ethernet interface (<https://downloadcenter.intel.com/download/15817/Intel-Network-Adapter-Driver-for-PCIe-Intel-Gigabit-Ethernet-Network-Connections-Under-Linux->) (<https://blog.csdn.net/zhayushui/article/details/78610490>) and add the eth0 (<https://askubuntu.com/questions/31023/how-to-configure-eth0-manually>).
2. Multi-channel splicing\_new method
   1. Run ./restart on both transmitter and receiver to restart the WiFi network
   2. Run ./setup\_scanning on both transmitter and receiver to the setup the CSI tool monitor mode. Note that the channel is 36 now.
   3. To compile: make
   4. To remove: make clean
   5. To use: run ./server on the transmitter; run ./client on the receiver
   6. On the receiver: open a new terminal and run sudo ./log\_to\_file csi.dat
   7. On the transmitter: open a new terminal and run ./random\_packets 100000 1 1

You may want to download the source code: