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A screenshot of a computer

Description automatically generated

Network Monitor showing it’s pid, creating a socket, receiving connection, establishing connection, receiving ready as confirmation from client and then monitoring the output of interface monitor.

A screenshot of a computer

Description automatically generated

Network interfaces on my mahcine

A screenshot of a computer program

Description automatically generated

Interface Monitor output of tracked statistics every second. A screen shot of a computer

Description automatically generated

The statistics of the Interface Monitor are matching the ifconfig command call

A computer screen shot of a program

Description automatically generated

If the link is down from command “$ sudo ip link set enp0s3 down”. The interface displays that the link is down. Then sends it to network monitor, which sends a recovery command back to the interface.

A computer screen shot of a network monitor

Description automatically generated

Interface monitor can be killed with ctrl +c and sends done to the network monitor to let it know to disconnect.

A purple and black background

Description automatically generated

Network Monitor picks up the call and displays end of connection.

A screenshot of a computer

Description automatically generated

If the network monitor is shut down with the use of ctrl +c, then all interface connections are shut down from it’s final call.