#include jNetPcap API;

// establishes a network transmission path for complete IPv4 packets

Class PacketTransmitter

{

// variables

RawSocket outbound;

RawSocket inbound;

// constructor

Void packetTransmitter()

{

}

// open sockets

Void open()

{

1. this.outbound = jNetPcap.openRawTransmit();

2. this.inbound = jNetPcap.openRawReceive();

}

// send packet

Void send(Packet transmitPacket)

{

1. outbound(transmitPacket);

}

// receive packet

Void receive(Packet transmitPacket)

{

1. inbound(transmitPacket);

}

// close sockets

Void close()

{

1. Call jNetPcap.closeAll();

}

} // end class PacketTransmitter