WiresharkNAS project

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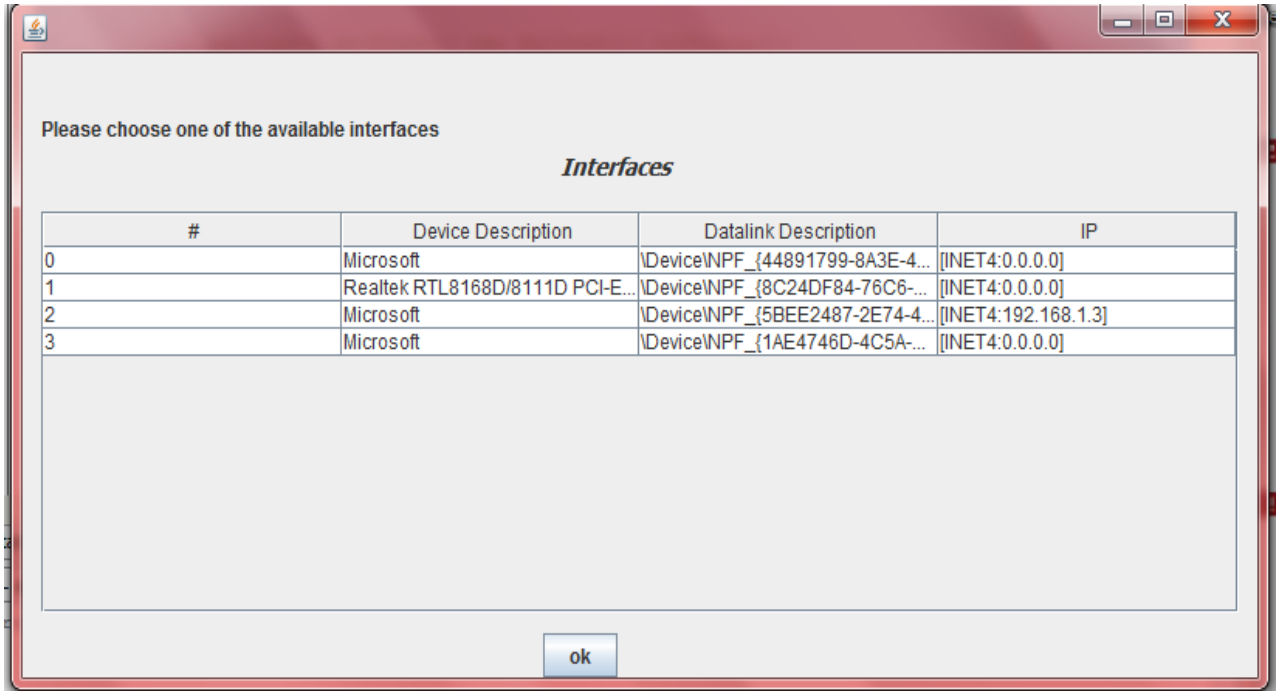
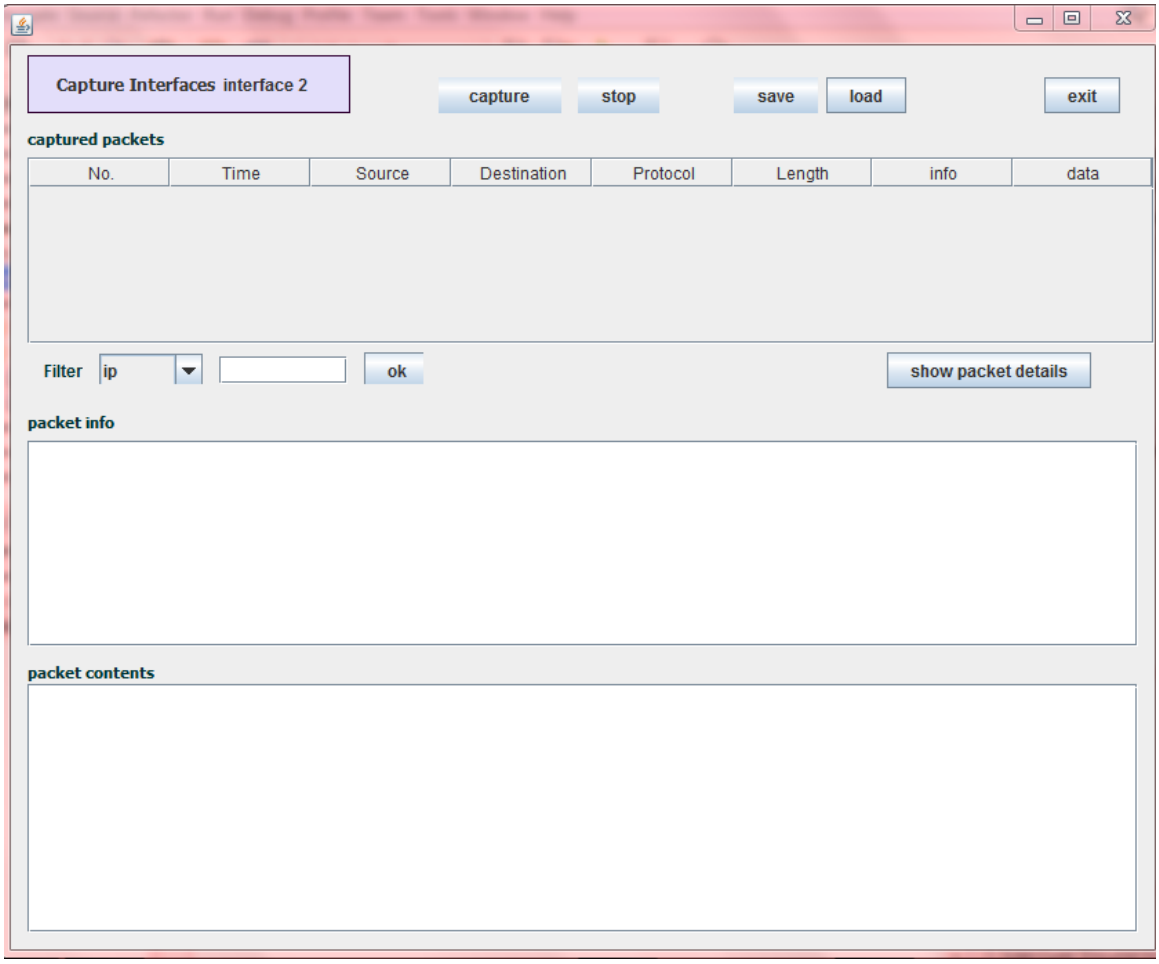
User Guide

1-user should choose on of the available interfaces



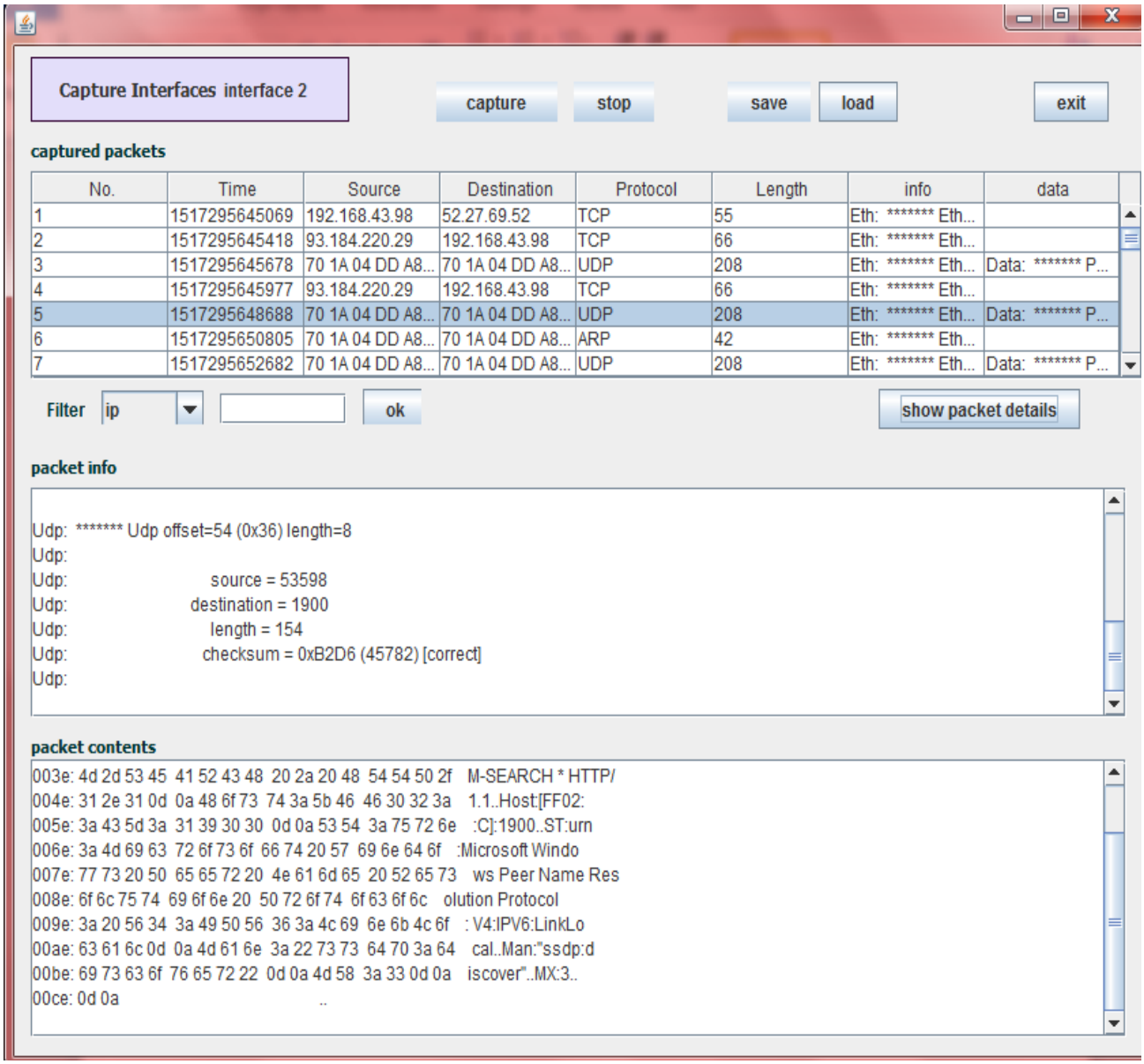
Otherwise, he will be asked to choose one

2- a window will appear displaying the interface chosen

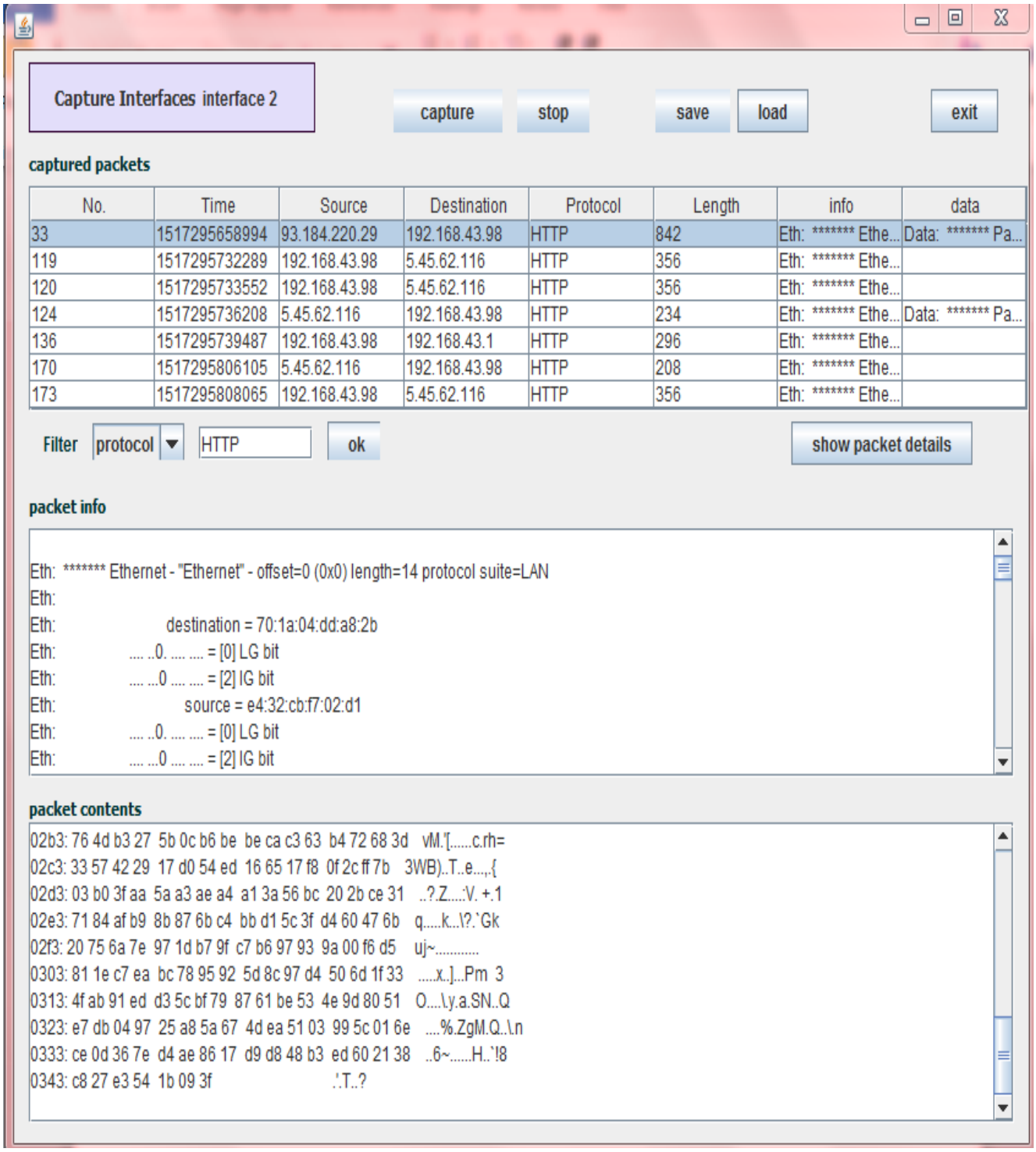


Program Functionalities

- Capture live packets and the stop whenever he wants to
- Whenever show packet details is clicked, different protocols displayed such as Ethernet, ARP, TCP, UDP, HTTP

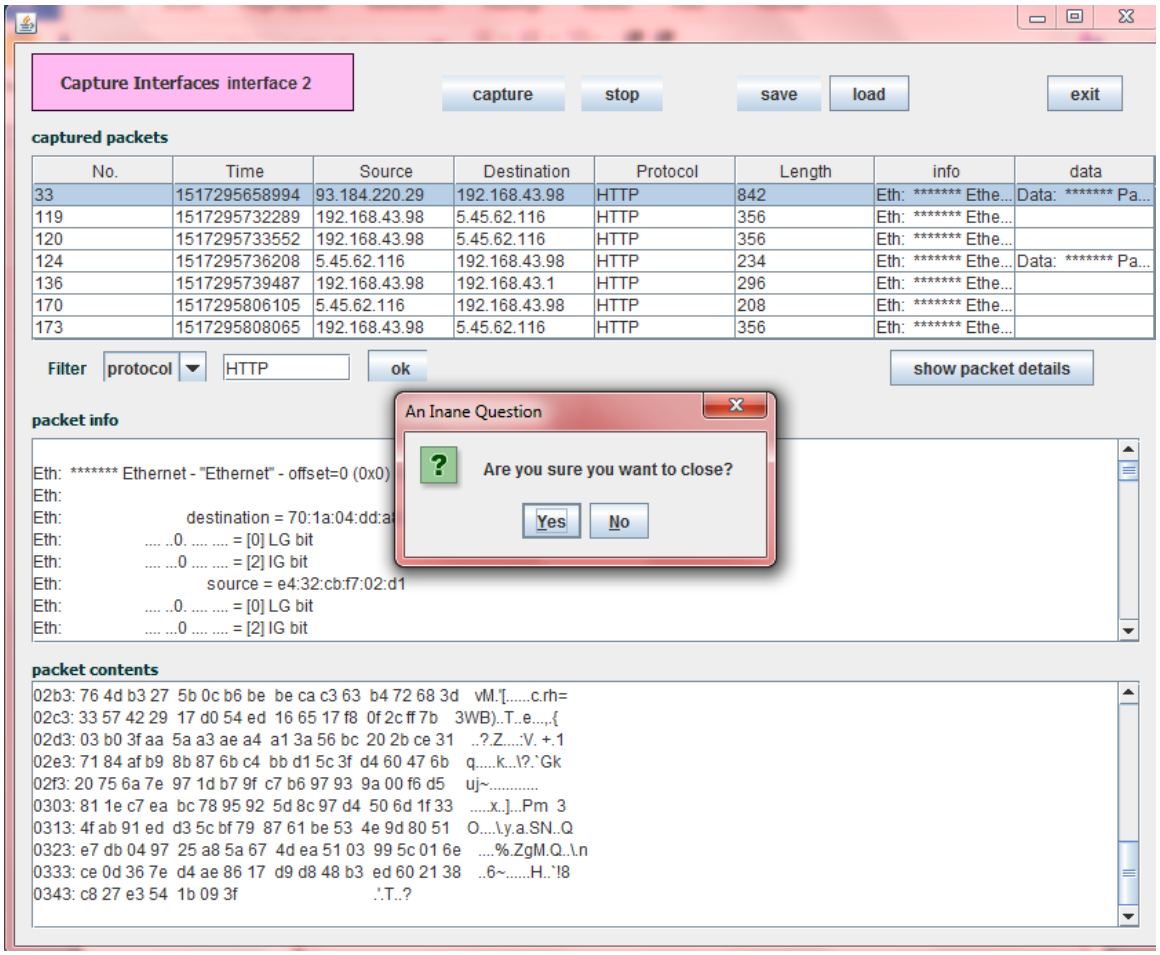


- Filters can be applied on the captured packets from the drop down menu

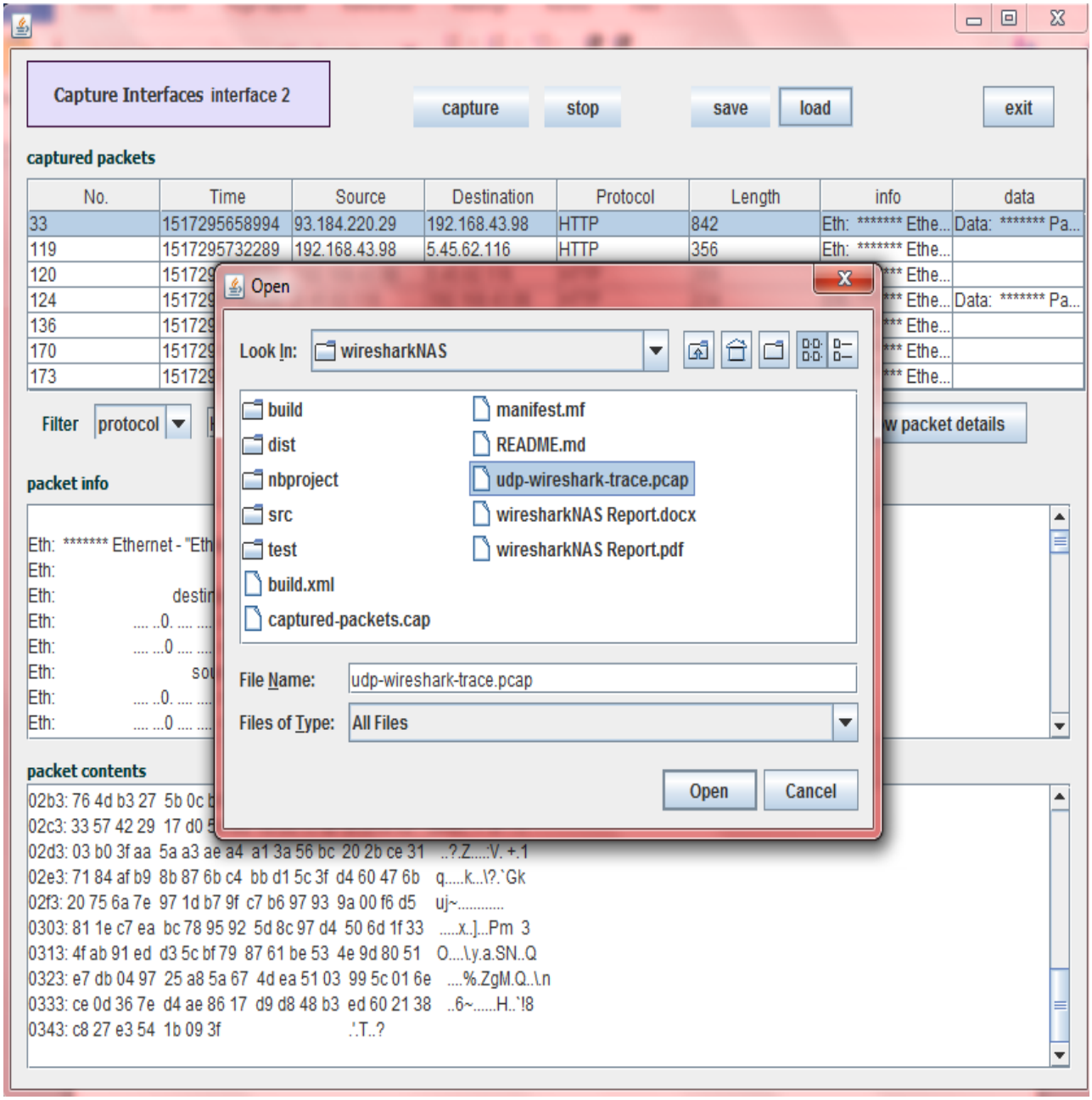


Can filter with protocol, ip address, and length of the captured packets

- Chooses to go back to the list of interfaces by clicking on Capture Interface area



- Can load previously captured packets in cap or pcap file formats



Project's Github Repository

https://github.com/nouraali3/WiresharkNAS.git

General Notes:-

1. Program is tested on windows 7
2. npf driver should be running

TODO

1. save the captured packets

Used Library

Jnetpcap1.4

The following line should be added for the library to work well, but with replacing the dots with the path of the jar file

-Djava.library.path=……

REFERENCES

1. http://jnetpcap.com/node/69
2. http://jnetpcap.com/node/68