

Hints

Part B

- VoIP Connection establishment The connection establishment might take some time.

if the connection is not working check whether the sip address in tltpc10 file is set to be wifi 10.0.0.3

- Playing music

start to play music file in tltpc117. You can play some file from the Desktop use CD or use some of your music files. For playing music use Rhythmbox Music Player. (Applications → Sound and Video → Rhythmbox music player)

- Analyzing the results with the Wireshark program.

For analyzing the stream you have to change the UDP streams to be interpreted as RTP streams. That can be done by selecting

Analyze → decode as .. → select protocol to be RTP

After seeing the RTP streams you have to select one of these streams.

Statistics → RTP show all streams

Select one stream and make stream analysis. You can save the analysis result into a file and postprocess it in Matlab for example.

For reading the file into Matlab you have to remove in the file first and last lines and modify the saved lines to be in a numeric format. This modification can be done by the following shell script

```
sed -e "s/Wrong.*2008 /0 /" -e "s/\[.*2008 /1 /"
    -e "s/,/ /g" testfield2.csv
```