

INSTRUCTIONS FOR RUNNING THE RMI DEMO

You will need to run:

1. Yima server
2. RMI client - synchronized sound and video client

To run the Yima server

We usually keep the server at East coast running. So you should not need to start the server.

To run the RMI client

1. Double click on the icon named: "runSynchClients" on the desktop of zanjaan (the linux computer in PHE 106). This would open up 2 terminals and the RMI gui panel.
2. On the RMI gui panel press the "List" button to bring up a list of available servers and content.
3. Select (by double clicking) the appropriate item from the list. To run the RMI demo from the East coast server select the item: "rtsp://140.173.170.9/RMI_Demo.ts" in the list. This should be the first item in the list.
4. Once the content has been selected it would be displayed in the RMI gui panel.
5. Press the play button to start streaming and playing.

To stop the demo

Once the demo is complete or if you need to stop the demo at any time while its running:

1. Press the "Stop" button followed by the "Exit" button. This would bring up another dialog box.
2. Press the "Shutdown" button in this dialog box. This would only stop the demo but would not kill the client completely. The gui panel would still be up.
3. To restart the demo once it has been stopped, you will need to completely kill the previous RMI client. To do this repeat the "Exit", "Shutdown" sequence until the RMI gui disappears completely. You might have to do this a couple of times.
4. Close any terminals (that came up when you double clicked on "runSynchClients" icon) that might have remained open after the gui disappears.
5. Now you can restart the RMI client by double clicking "runSynchClients" icon on the desktop.

Problems and FAQs

Q. Nothing happens till after a long time after pressing "Play" ?

Ans. Check if the server is running. If the display in both the terminals contains something like:

```
#PLAY sent for rtsp://140.173.170.9/RMI_Demo.ts
#PLAY received for rtsp:// 140.173.170.9/RMI_Demo.ts
Adding 140.173.170.9
.....
.....
```

Then the server is running and the client has been able to contact it correctly. If the display in any of the terminals does not contain the above statements then probably the server is not running or for some reason the client has not been able to contact it. In this case, contact someone in prof. Roger Zimmermann's group.

Q. Theres no sound while the video seems to be running fine ?

Ans. The two terminals that come up when you press the "runSynchClients" icon are the audio and video clients. Check that both the clients are running and progressing properly. Both terminals should be displaying statistics and other information which continuously scrolls up the screen. If only one terminal is scrolling up, stop the demo and start it again.