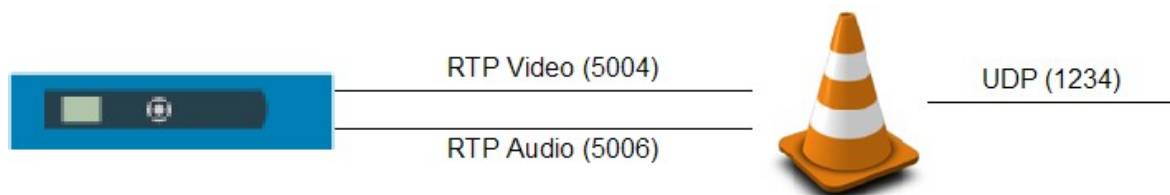


**... set up a VLC Streaming Server ?**

The IO [io] 8000 encoder uses RTP over UDP for streaming of audio and video input signals. Therefore the units uses the following ports (for default):

- 5004 – RTP Video
- 5005 – RTCP Video
- 5006 – RTP Audio
- 5007 – RTCP Audio

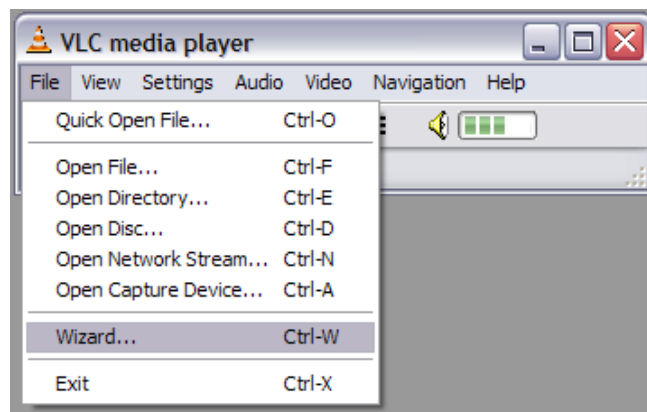
This kind of streaming requires from the decoder to be able to “listen” to all of these ports and to communicate with the encoder on all these ports. For some applications it is desirable to just have one multiplexed stream (containing audio and video) using UDP-only. In these cases the VideoLAN VLC Player can be used as a streaming server to create one multiplexed A / V – stream. This VLC “transformation” can be used in environments where UDP-only transmission / receiving is desired. The following figure shows a schematic.



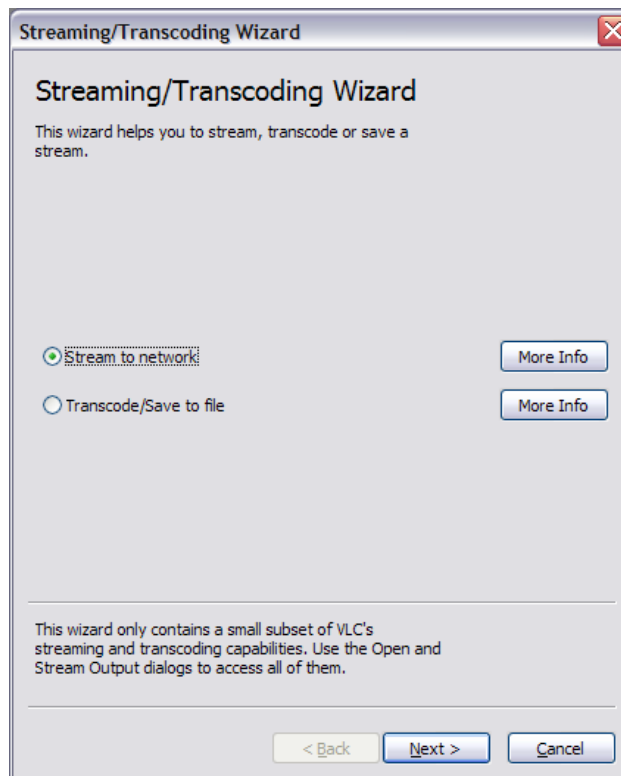
This document deals with the streaming wizard integrated in VLC. It is possible as well to use VLC as a streaming server using the “**stream output**” method.

Please follow the steps described below to use the VideoLAN VLC Player as a streaming server.

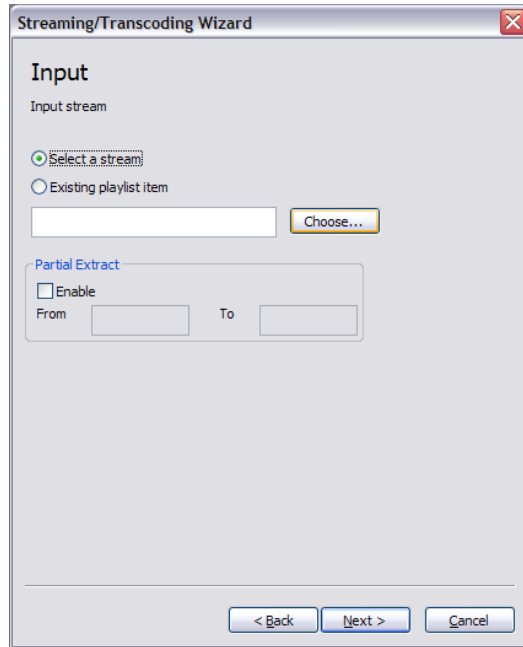
Step 1: Open VLC Player and select "Wizard".



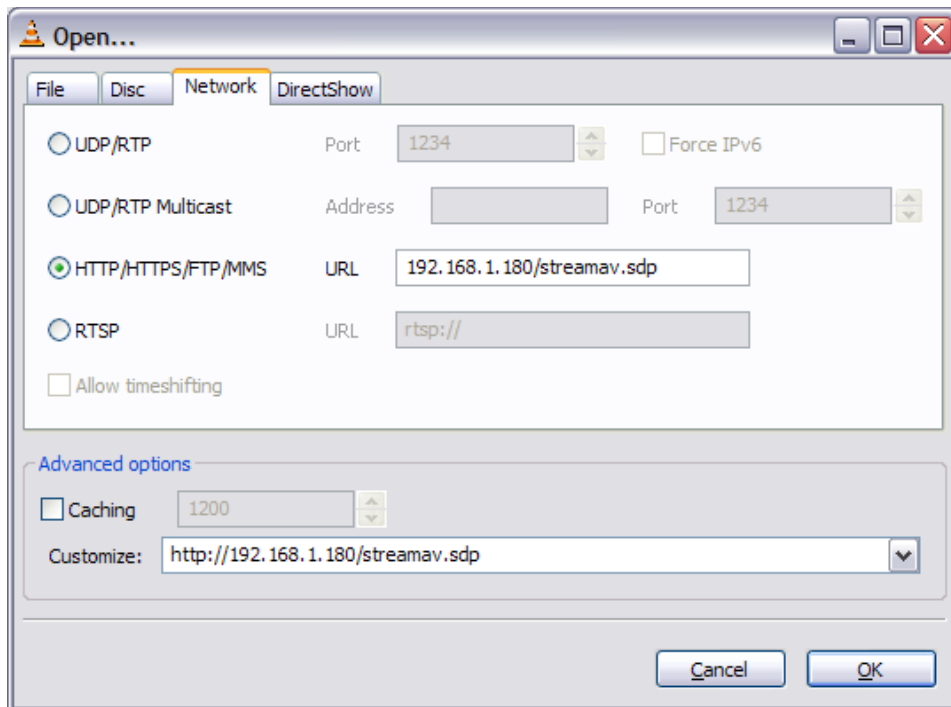
Step 2: Select "stream to network" and hit the "NEXT" button.



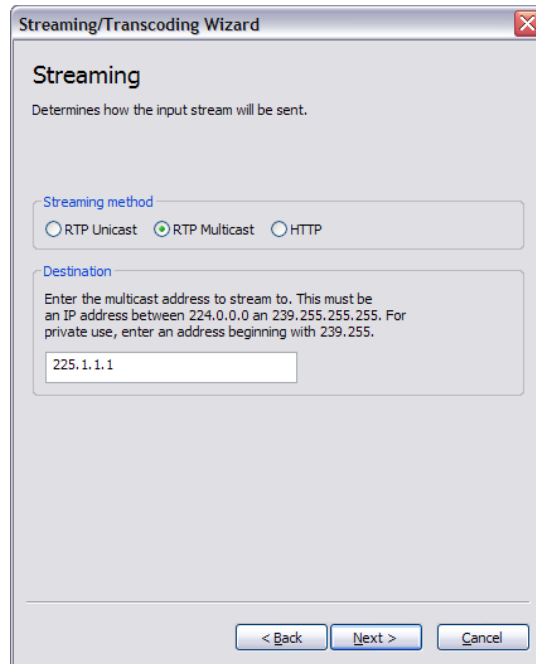
Step 3: Select your stream with “Choose...”



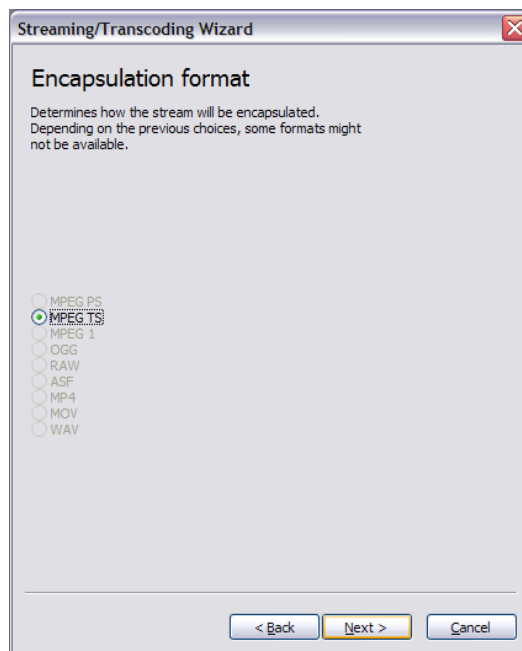
Step 4: The well-known dialog pops up. Select your input stream.



Step 5: Now you have to specify the multi cast address you want to stream to. By default VLC uses port 1234.



Step 6: This window allows you to set the encapsulation mode (MPEG-TS)



Step 7: Last point is the definition of the TTL. If desired you can announce a session using SAP. The text field allows you to label the stream.

The screenshot shows a dialog box titled "Streaming/Transcoding Wizard" with a close button (X) in the top right corner. The main heading is "Additional streaming options" with a sub-heading "Defines a few additional parameters for the stream." Below this, there are two input fields: "Time-To-Live (TTL)" with a value of "1" and a spin button, and "SAP Announce" which is checked and has a text field containing "MAYAH". At the bottom, there are three buttons: "< Back", "Finish", and "Cancel".