

The following instructions have been tested with **Serviio 1.4.1.2** and **VLC 2.0.6**. It may not work with other versions (in particular there are known problems with VLC 2.1.3 that preclude it for Step 4).

Step 1: Set up VLC to simultaneously stream anything it plays

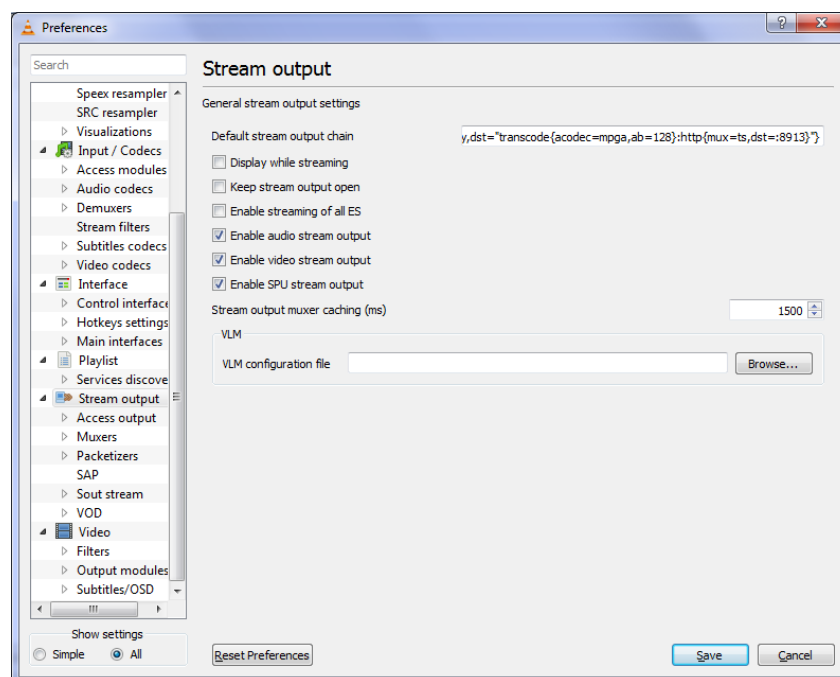
The following is adopted from the original and excellent post by user gabrielra at <http://forum.serviio.org/viewtopic.php?f=20&t=7249&p=91710#p91688>.

1. Open **VLC**
2. Select **Tools, Preferences**
3. Under **Show Settings**, select **All** (bottom left). In other versions of VLC this may be labelled as Advanced)
4. Select **Stream Output** from the left pane.
5. Add the following to the **Default Stream Output Chain**:
`#duplicate{dst=display,dst="transcode{acodec=mpga,ab=128}:http{mux=ts,dst=:8913}"}`

Note:

I found I had to transcode the audio for this to work with my renderer (PS3). You may have to play with the transcoding to suit your system. A good reference for this is here:

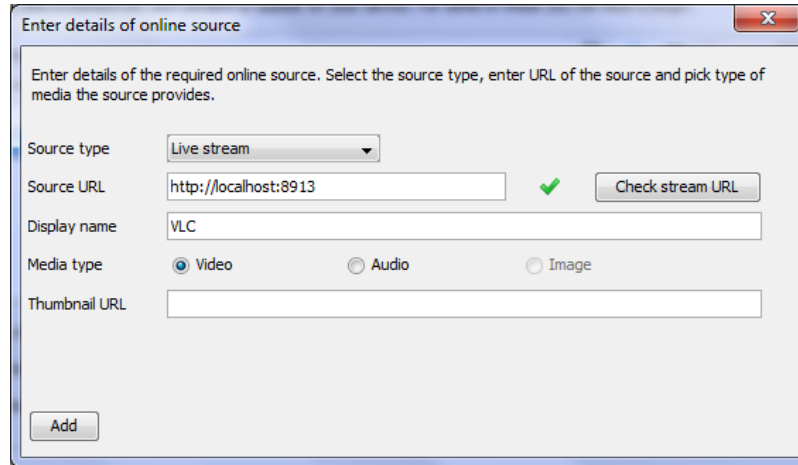
<http://www.videolan.org/doc/streaming-howto/en/ch03.html> - also look at the examples at <http://www.videolan.org/doc/streaming-howto/en/ch04.html>



6. Press **Save**.
7. Select **Media, Open File** and play any video file. This is important – the stream must be running for the next step.

Step 2: Set up Serviio to accept the Stream

1. Open **Serviio Console**
2. Select **Library, Online Sources** and press **Add**
3. Enter the details as below, and press **Check stream URL**:



Enter details of online source

Enter details of the required online source. Select the source type, enter URL of the source and pick type of media the source provides.

Source type: Live stream

Source URL: http://localhost:8913 ✓ Check stream URL

Display name: VLC

Media type: ☒ Video ☐ Audio ☐ Image

Thumbnail URL:

Add

4. Press **Add** to add the source and exit.

Step 3: Test

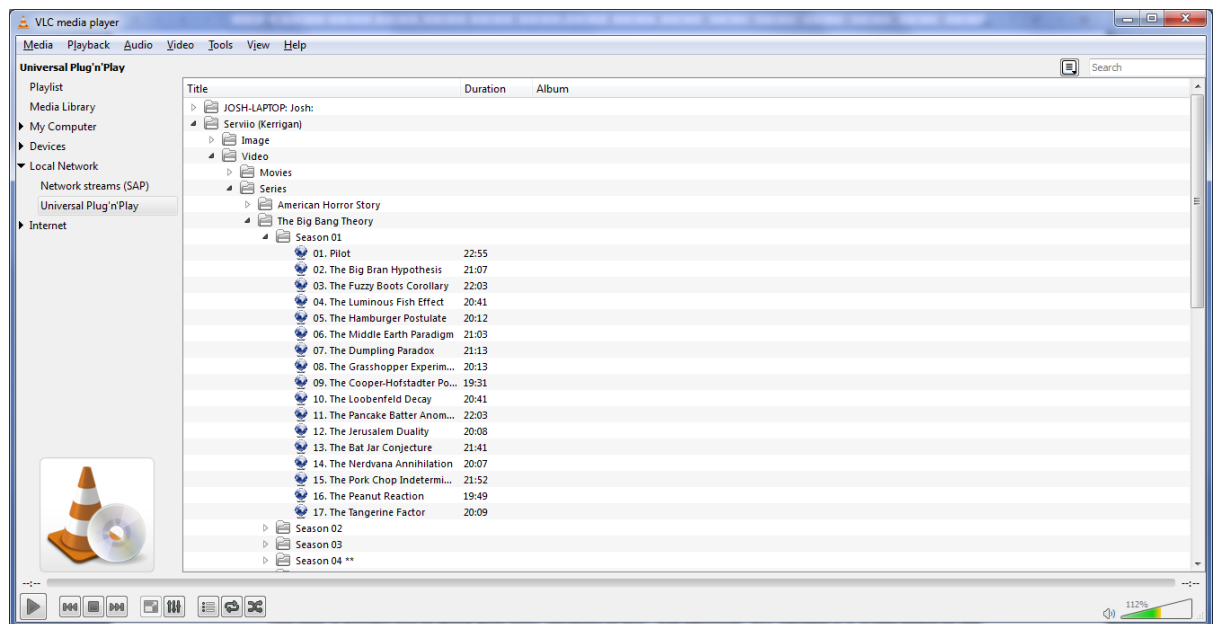
Test your stream on your TV/Renderer. It varies depending on your device, but under the **Serviio, Video, Online** category you should have a new online source called **VLC**. Attempt to play it.

If it doesn't work firstly test it in MediaBrowser if possible (included with Serviio Pro). If it works in Mediabrowser, you may need to play with the transcoding settings – either in the Serviio profile or in the **VLC Default Stream Output Chain** command (in Step 1). You need to get this working before proceeding to step 4.

Step 4: Set up VLC as a DLNA client

This is as described by user Vintila at <http://forum.serviio.org/viewtopic.php?f=5&t=5620>

1. Open **VLC**
2. In the Left Hand Pane select **Local Network, Universal Plug'n'Play**
3. Be patient – depending on how big your Serviio library is, and what other devices you have on your network this can take a considerable time (mine took about 15 minutes). Eventually the Serviio server should appear, and then some time later a triangle will appear next to the server name – only then can you expand the list.



Note:

This step is known not to work with later versions of VLC. For example, VLC version 2.1.3 (the latest at the time of writing) will lock up and ultimately fail at this point. This appears to be a bug in VLC.

Step 5: Test Again

1. Expand the list under the Serviio server within **VLC**
2. Select a video and double click to play it
3. Test again as per step 3.

Final comments:

Although I have tested this and it works, it is clunky at best and can be subject to freezing for a little while (buffering I suspect).

It also produces a live stream to your TV/Renderer. This means you cannot fast forward, rewind or pause the video. For me this is a once off, almost "academic" exercise to assist one user and is not something I wish to support going forward.

Cheers

DenyAll.