WinTVCap_GUI Server Documentation

Since version 2.3 WinTVCap_GUI supports a server mode. In this mode it's possible to run some functions of WinTVCap_GUI and ReDeMPG over a network. WinTVCap_GUI uses UDP, the actions have to be send to the port of WinTVCap_GUI.

Enabling the server mode

To enable the server mode you have to edit the settings file (`WinTVCap_GUI.set`) of WinTVCap_GUI in the directory `%userprofile%\.WinTVCap_GUI`. This you can do with a text editor or with the GUI_Settings_Editor, the easier way is using the GUI_Settings_Editor.

You have to add/change the settings `runserver` to `true`, and have to add/change the used UDP port in the setting `wtvcgport`.

The given port is the UDP port that WinTVCap_GUI uses, ReDeMPG uses the port range above the given port. So if you set the port to 5000, that will be the port on which you have to send the actions for WinTVCap_GUI. On which port you have to send ReDeMPG actions depends on the number of tuners in the system and on which of them the recording runs. So if you have two tuners and the recording runs on tuner 2 the port that ReDeMPG use is 5002 for the example of the given port number 5000. So you can send actions to all running ReDeMPG recordings.

You have to use a port range that isn't used by other applications. If you have the maximum tuners that WinTVCap_GUI supports (6) you have to have 7 free ports for example 5000 – 5006. If you use a firewall you have to allow UDP connections to the port range.

Functions you can send to WinTVCap_GUI

- Open/Close LiveTV

  `wtvcg livetv`
- Change the LiveTV channel to the channel selected in the list

  `wtvcg livechange`
- Channel up for LiveTV (CH+)

  `wtvcg chup`
- Channel down for LiveTV (CH-)

  `wtvcg chdown`
- Selection of quality in the list up

  `wtvcg qup`
- Selection of quality in the list down

wtvcg qdown

- Selection of the channel in the list up

  wtvcg up

- Selection of the channel in the list down

  wtvcg down

- Enable/Disable demux

  wtvcg demux

- Start a recording

  wtvcg startr

- Stop a recording

  - Single tuner environment: **wtvcg stopr**

  - Multi tuner environment: **wtvcg stopr(tuner number)** (Example: **wtvcg stopr2**)

- Play a recording with VLC

  - Single tuner environment: **wtvcg play**

  - Multi tuner environment: **wtvcg play(tuner number)** (Example: **wtvcg play1**)

- Close VLC that is playing a recording (not for LiveTV VLC)

  wtvcg closevlc

Fuctions you can send to ReDeMPG

- Minimize the ReDeMPG window

  redempg minimize

- Show the ReDeMPG window

  redempg show

- Enable/Disable demux

  redempg demux

- Enable/Disable hibernate

  redempg hibernate

- Enable/Disable shutdown

  redempg shutdown

- Play the recording with VLC

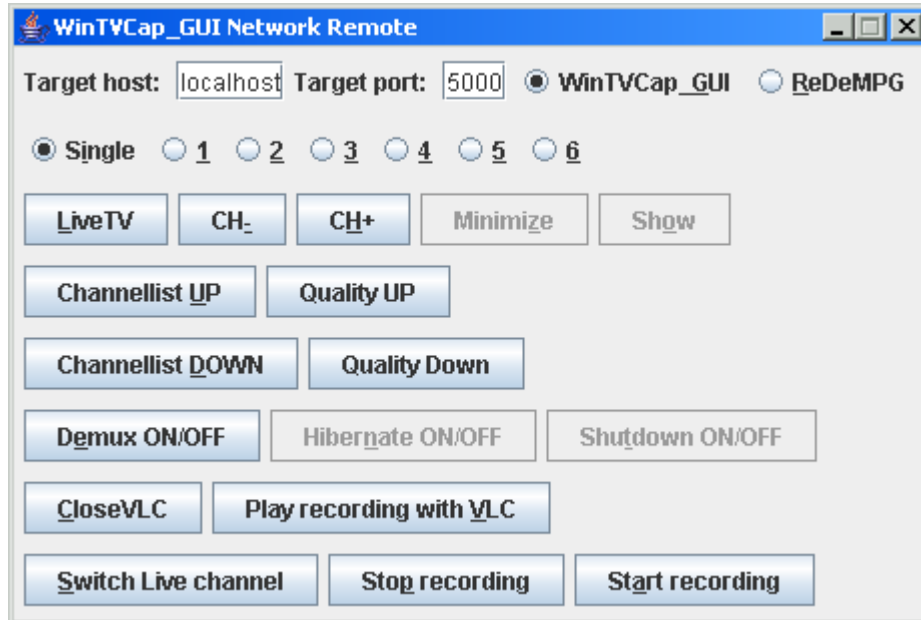 **redempg play**

- Close VLC

  redempg closevlc

- Stop the recording

  redempg stopr

The tool GUIRemote

For easy using of the server mode you can use the tool GUIRemote.jar. It supports all functions that can be send. For all functions you have buttons. You only have to enter the target host (the network name of the computer on which WinTVCap_GUI runs) and the target port (the UDP port used by WinTVCap_GUI).

If you have one tuner leave the setting on single. If you have more than one tuner you have to select the number of the tuner you want to send the actions for (for LiveTV and the list changing this isn't used).

The target host and the target port will be saved on exit, so you don't have to enter them again.