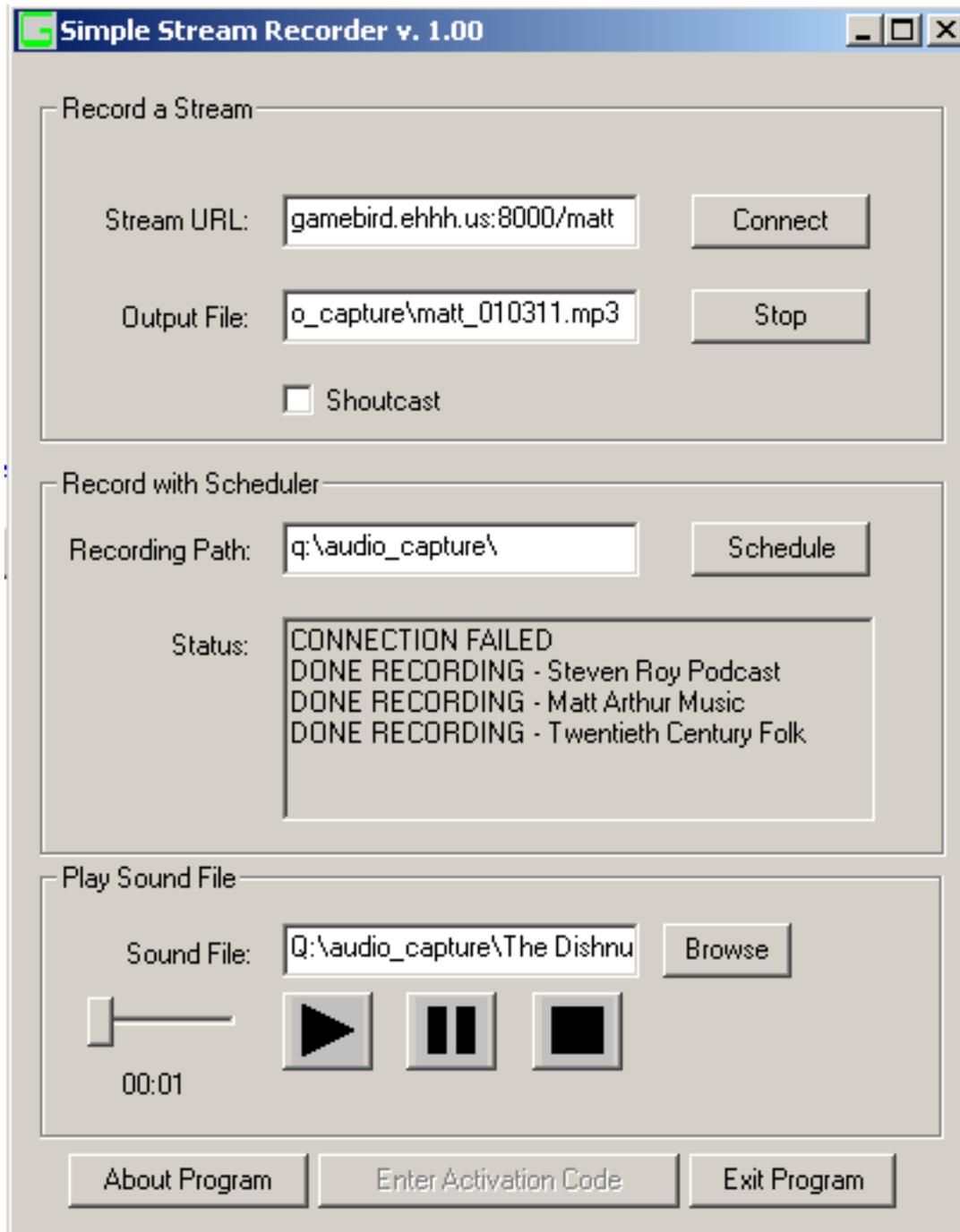


Simple Stream Recorder Instructions

INSTRUCTIONS

Installation Instructions: Create a directory and copy the program executable, ffmpeg.exe, mfc71.dll, and libzplay.dll into the directory. Alternatively, you can unzip the ZIP archive into a single directory.

When the program is executed, the following dialog box will appear:



Record a Stream: Use this to record a stream immediately, without using the scheduler.

Stream URL: Type the stream URL here.

Output File: Type the output file and path here.

Connect: Press this button to connect to the stream specified in Stream URL.

Stop: Press this button to stop recording.

Shoutcast: Check this check box if the stream is a Shoutcast stream.

Record with Scheduler: Use this to record a stream using the scheduler.

Recording Path: Use this to specify the path for scheduled recordings.

Schedule: Press this button to launch the Schedule dialog box, which shows a list of currently-scheduled recordings.

Status: Used to print various status information, including current recordings, programs being encoded, etc.

Play Sound File: Use this to play a sound file. Supports WAV/OGG/MP3/FLAC file formats.

Sound File: Use this to specify a file to play.

Slider: Use this control to alter the playback position while the file is playing.

Browse: Use this button to launch a file dialog box which can be used to select a file for playback.

Play (first button below edit box): Begin playback.

Pause (second button): Pause playback.

Stop (third button): Stop playback.

About Program: Press this button to launch a dialog box containing relevant version information.

Enter Activation Code: Press this button to launch a dialog box into which an activation code can be entered, enabling the entire functionality of the program to be utilized. This button becomes inactive once a valid activation code is entered.

Exit Program: Press this button to exit the program.

Schedule

[1] Program: Tom and Darryl replay
Start time: 01:59 End time: 05:01
Day(s): Sunday
Repeating: YES Shoutcast: NO Convert: YES Bitrate: 64 kbps Delete original: YES

[2] Program: On Computers
Start time: 12:59 End time: 16:01
Day(s): Sunday
Repeating: YES Shoutcast: NO Convert: YES Bitrate: 32 kbps Delete original: YES

[3] Program: Chris Radio Therapy
Start time: 16:59 End time: 20:01
Day(s): Sunday
Repeating: YES Shoutcast: NO Convert: YES Bitrate: 64 kbps Delete original: YES

[4] Program: LTUAE

Scheduler

OK

The Schedule dialog box appears when the Schedule button is pressed. It presents a chronological view of scheduled recordings. Use the scrollbar on the right to scroll up and down.

Scheduler: Press this button to launch the Scheduler dialog box (described below).

OK: Press this button to close the Schedule dialog box.

Scheduler

Start Time: : End Time: :

Day: Sunday Monday Tuesday Wednesday

Thursday Friday Saturday

One time Repeating Shoutcast

Program:

Stream URL:

Convert after recording: Delete original recording

The Scheduler dialog box enables the end user to schedule a recording.

Start Time: Starting time of the program in military time.

End Time: Ending time of the program in military time.

Day: Day(s) recording is to take place.

One time/Repeating: Specifies whether the program is to be recorded once or every week at the same time.

Shoutcast: Check this box if the stream is a Shoutcast stream.

Program: The name of the program being recorded.

Stream URL: The web address of the stream.

Convert after recording: Check this box to convert the recording to a lower bitrate (using ffmpeg).

Bitrate drop down box (in the middle, right under the Stream URL edit box): Use this drop down box to specify the bitrate of the converted recording.

Delete original recording: Check this box to delete the original (uncompressed) stream recording, leaving only the converted file.

“<<” and “>>” buttons: Use these to peruse previously scheduled recordings.

Append to End Of Schedule: Use this button to enter the information in the dialog box into the schedule.

Edit Current Entry: Use this button to modify a previously scheduled program.

View Schedule: Use this button to launch a dialog box showing a chronological list of previously scheduled recordings.

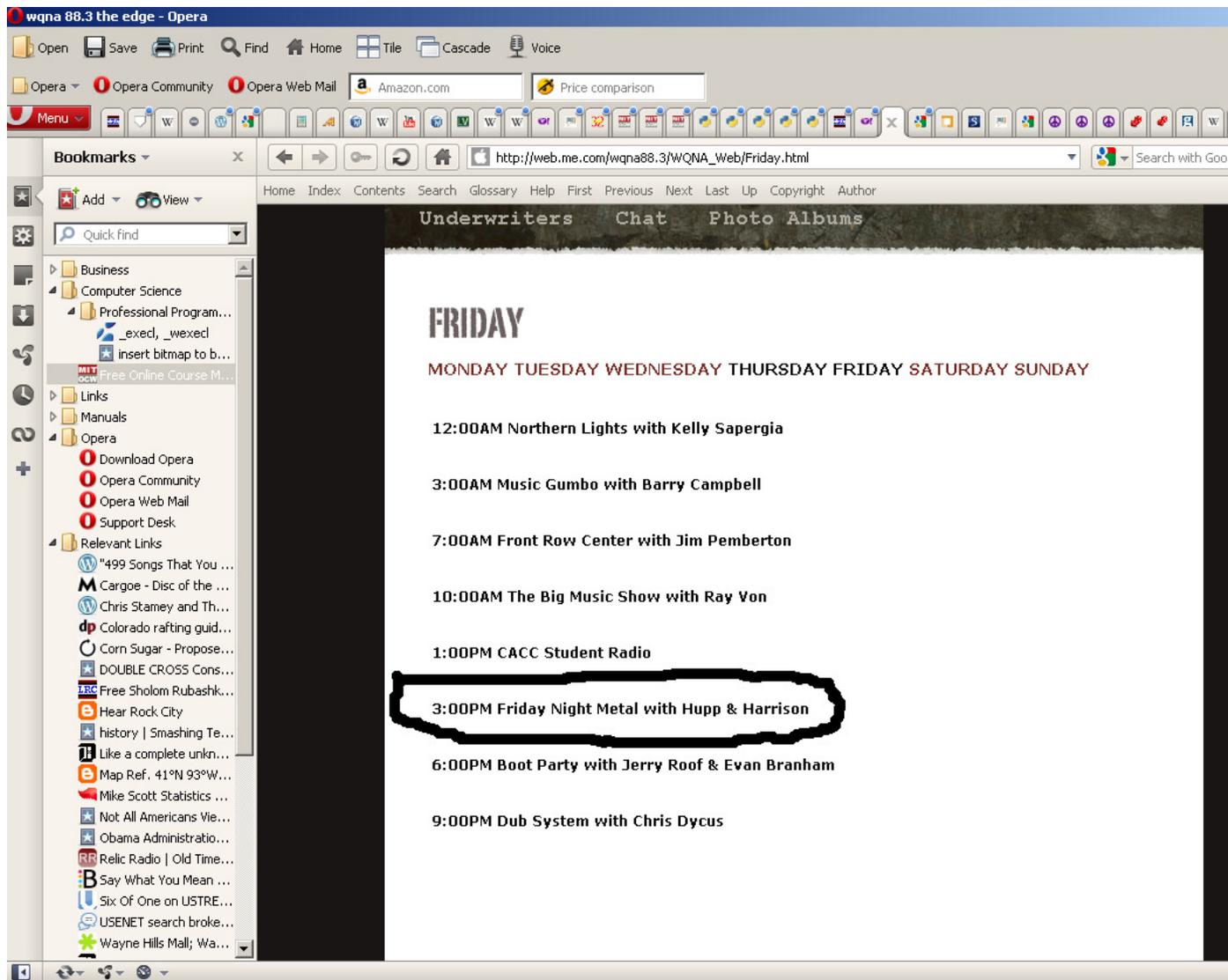
Delete Current Entry: Use this button to delete the current entry (if it is in the schedule).

An Example

The following is an example of how Simple Stream Recorder can be used to record a program.

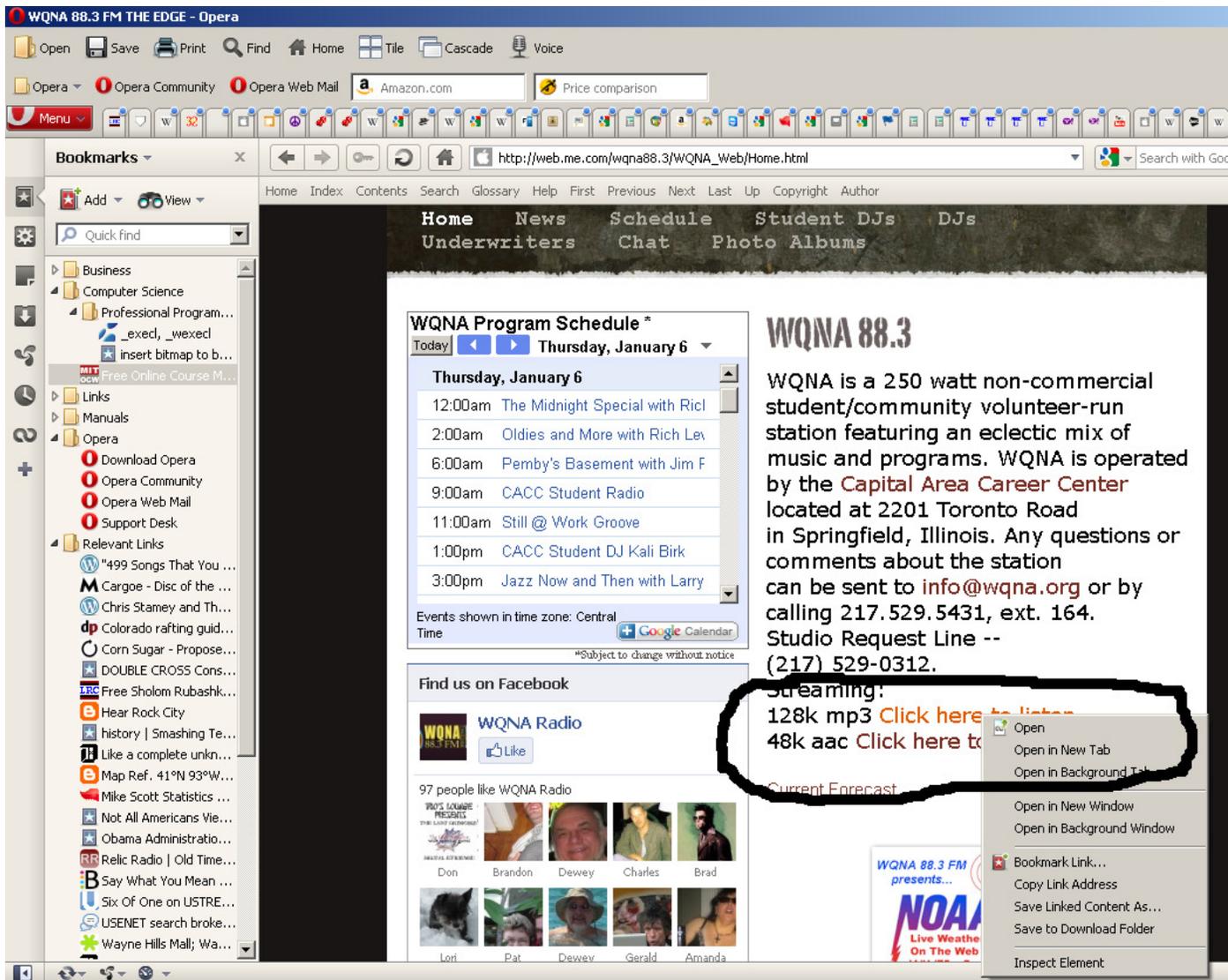
Step One: Find a program to record

Thousands of free online radio stations can be found on the Internet. SHOUTcast-compatible streams can be found on the SHOUTcast website (<http://www.shoutcast.com/>); many more can be found elsewhere. In this case, we go to the WQNA website and select Friday Night Metal for recording (circled in the screenshot below):



Step Two: Find the stream URL

In order to record a program, you need to know the Uniform Resource Locator (URL) of the stream on which the program is netcast. In this case, we find it on the home page of the WQNA website:



Note that WQNA has two different streams: a high-fidelity 128k MP3 stream, and a somewhat lower-fidelity, low-bandwidth 48k AAC stream. We chose the low-bandwidth AAC stream, and copy the link address by right-mouse clicking on the link and selecting “Copy Link Address” from the context menu (in Opera; other browsers may have different options).

Step Three: Add entry to the scheduler

In the main application dialog, press the Schedule button. From the Schedule dialog, press the Scheduler button. Here we enter information for the program we want to record:

Scheduler

A Start Time: : End Time: :

B Day: Sunday Monday Tuesday Wednesday
 Thursday Friday Saturday

C One time Repeating Shoutcast

D Program:

E Stream URL:

F Convert after recording: Delete original recording

G

A (Start time/End time): Here we enter the start time and end time in military (24 hour time). The start time is 3 PM Central time, which is 15:00 hours. I add one hour to the start time to adjust for Eastern time (adjust accordingly for your time zone), so the start time is 16:00 hours. The end time is three hours later (19:00 hours).

B (Day): Check the day that you want to record. You can select more than one day. In this case, we select Friday because the show is netcast on Fridays.

C (One time/Repeating): Select “one time” to record a program once (after which it will be removed from the schedule), or “repeating” to record a show on each day selected repeatedly. We selected “repeating” to record the show once a week every week.

Shoutcast: Check this box to record a Shoutcast stream. This is not a Shoutcast stream so we leave it unchecked.

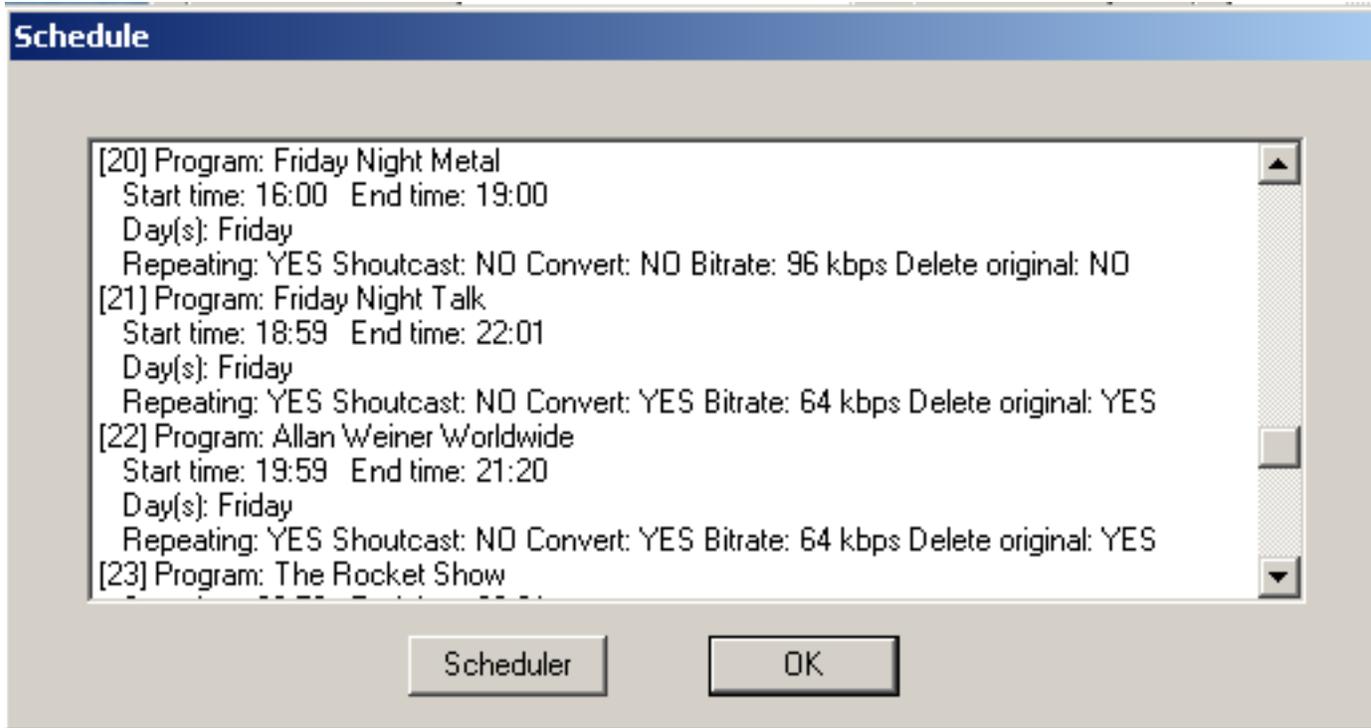
D (Program): Type the program name here. We type “Friday Night Metal”.

E (Stream URL): Type the stream URL here. We paste the URL from the WQNA website.

F (Convert after recording/Bitrate drop-down box/Delete original recording): Use this to convert the recording to an (presumably lower bitrate) mp3 file. The drop-down box allows you to select different bitrates (from 8 to 128 kbps). The last checkbox causes the program to delete the original file.

G (Append to End of Schedule): Use this button to add this entry to the schedule once all the parameters are entered.

Bringing up the Schedule dialog box after closing out the Scheduler (by pressing the OK button) reveals the following:



The scheduler shows that Friday Night Metal is scheduled for recording at 16:00 hours (4 PM Eastern/3 PM Central).