NAME

liquidsoap − a multimedia streaming language

SYNOPSIS

liquidsoap [*options*] [*script*|*expression*]

DESCRIPTION

Liquidsoap is a programming language for describing multimedia streaming systems. It is very flexible, making simple things simple but giving a lot of control for advanced uses. **Liquidsoap** supports audio, video and MIDI streams, and a wide range of input/output operators including Icecast and various sound-card APIs. It can perform a broad range of signal processing, combine streams in various ways, support custom transitions, generate sound procedurally... and all this can be assembled as you wish. Input files can be accessed remotely, or even be synthesized on the fly using external scripts such as speech synthesis. Finally, interaction with a running liquidsoap instance is possible via telnet or socket.

Liquidsoap scripts passed on the command line will be evaluated: they shall be used to define the streaming system to be ran. It is possible to pass multiple scripts; they will all be ran successively, and definitions from one script can be used in subsequent ones. A script will be read from standard input if − is given as script filename. Information about scripting liquidsoap is available on our website: **http://liquidsoap.fm/**

If the parameter is not a file it will be treated as an expression which will be executed. It is a convenient way to test simple one-line scripts. When running only one-liners, the default is to log messages directly on stdout rather than to a file.

OPTIONS

−

Read script from standard input.

−−　　　　Stop parsing the command-line and pass subsequent items to the script.

−−debug

Print debugging log messages.

−−dynamic−plugins−dir *path*

Directory where to look for plugins.

−−errors−as−warnings

Issue warnings instead of fatal errors for unused variables and ignored expressions. If you are not sure about it, it is better to not use it.

−−interactive

Start an interactive interpreter.

−−list−plugins

List all plugins (builtin scripting values, supported formats and protocols).

−−list−plugins−xml

List all plugins (builtin scripting values, supported formats and protocols), output as XML.

−−no−pervasives

Do not load pervasive script libraries.

−−version

Display liquidsoap's version.

−c, **−−check**

Check and evaluate scripts but do not perform any streaming.

−cl, **−−check−lib**

Like −−check but treats all scripts and expressions as libraries, so that unused toplevel variables are not reported.

−d, **−−daemon**
> Run in daemon mode.

−f, **−−force−start**
> For advanced dynamic uses: force liquidsoap to start even when no active source is initially defined.

−h *plugin*
> Print the description of a plugin, eg. a builtin scripting function.

−i   Display inferred types.

−p, **−−parse−only**
> Parse scripts but do not type-check and run them.

−q, **−−quiet**
> Do not print log messages on standard output.

−r *filename*
> Process a request.

−T, **−−disable−telnet**
> Disable the telnet server.

−U, **−−disable−unix−socket**
> Disable the unix socket.

−t, **−−enable−telnet**
> Enable the telnet server.

−u, **−−enable−unix−socket**
> Enable the unix socket.

−v, **−−verbose**
> Print log messages on standard output.

−−conf−descr−key *key*
> Describe a configuration key.

−−conf−descr
> Show all configuration keys with their documentation.

−−conf−descr−liqi
> Show all configuration keys with their documentation in liqi (documentation wiki) format.

−−conf−dump
> Dump the configuration state

−help, **−−help**
> Display this list of options

SEE ALSO
> Our website **http://www.liquidsoap.fm/** and the HTML documentation coming with your distribution of liquidsoap.

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