Red Hat Enterprise Linux Release 9.2 Manual Pages on 'parecord.1' command

$ man parecord.1

pacat(1)   General Commands Manual   pacat(1)

NAME

    pacat - Play back or record raw or encoded audio streams on a PulseAu?

    dio sound server

SYNOPSIS

    paplay [options] [FILE]

    parecord [options] [FILE]

    pacat [options] [FILE]

    parec [options] [FILE]

    pamon [options] [FILE]

    pacat --help

    pacat --version

DESCRIPTION

    pacat is a simple tool for playing back or capturing raw or encoded au?

    dio files on a PulseAudio sound server. It understands all audio file

    formats supported by libsndfile.

OPTIONS

    -h | --help

        Show help.

    --version

        Show version information.

    -r | --record

        Capture audio data and write it to the specified file or to STD?

OUT if none is specified. If the tool is called under the name parec this is the default.

-p | --playback

Read audio data from the specified file or STDIN if none is specified, and play it back. If the tool is called under the name pacat this is the default.

-v | --verbose

Enable verbose operation. Dumps the current playback time to STDERR during playback/capturing.

-s | --server=SERVER

Choose the server to connect to.

-d | --device=SINKORSOURCE

Specify the symbolic name of the sink/source to play/record this stream on/from.

--monitor-stream=INDEX

Record from the sink input with index INDEX.

-n | --client-name=NAME

Specify the client name paplay shall pass to the server when connecting.

--stream-name=NAME

Specify the stream name paplay shall pass to the server when creating the stream.

--volume=VOLUME

Specify the initial playback volume to use. Choose a value be? tween 0 (silent) and 65536 (100% volume).

--rate=SAMPLERATE

Capture or play back audio with the specified sample rate. De? faults to 44100 Hz.

--format=FORMAT

Capture or play back audio with the specified sample format. See https://www.freedesktop.org/wiki/Software/PulseAudio/Documenta? tion/User/SupportedAudioFormats/ for supported values. Defaults to s16ne.

--channels=CHANNELS

Capture or play back audio with the specified number of chan‐
nels. If more than two channels are used it is recommended to
use the --channel-map option below. Defaults to 2.

--channel-map=CHANNELMAP

Explicitly choose a channel map when playing back this stream.
The argument should be a comma separated list of channel names:
front-left, front-right, mono, front-center, rear-left, rear-
right, rear-center, lfe, front-left-of-center, front-right-of-
center, side-left, side-right, top-center, top-front-center,
top-front-left, top-front-right, top-rear-left, top-rear-right,
top-rear-center, or any of the 32 auxiliary channel names aux0
to aux31.

--fix-format

If passed, the sample format of the stream is changed to the na‐
tive format of the sink the stream is connected to.

--fix-rate

If passed, the sampling rate of the stream is changed to the na‐
tive rate of the sink the stream is connected to.

--fix-channels

If passed, the number of channels and the channel map of the
stream is changed to the native number of channels and the na‐
tive channel map of the sink the stream is connected to.

--no-remix

Never upmix or downmix channels.

--no-remap

Never remap channels. Instead of mapping channels by their name
this will match them solely by their index/order.

--latency=BYTES

Explicitly configure the latency, with a time specified in bytes
in the selected sample format. If left out the server will pick
the latency, usually relatively high for power saving reasons.
Use either this option or --latency-msec, but not both.

--latency-msec=MSEC

    Explicitly configure the latency, with a time specified in mil?

    liseconds. If left out the server will pick the latency, usually

    relatively high for power saving reasons. Use either this option

    or --latency, but not both.

--process-time=BYTES

    Explicitly configure the process time, with a time specified in

    bytes in the selected sample format. If left out the server will

    pick the process time. Use either this option or --process-time-

    msec, but not both.

--process-time-msec=MSEC

    Explicitly configure the process time, with a time specified in

    milliseconds. If left out the server will pick the process time.

    Use either this option or --process-time, but not both.

--property=PROPERTY=VALUE

    Attach a property to the client and stream. May be used multiple

    times

--raw Play/record raw audio data. This is the default if this program

    is invoked as pacat, parec or pamon.

--file-format[=FFORMAT]

    Play/record encoded audio data in the file format specified.

    This is the default if this program is invoked as paplay and

    parecord.

--list-file-formats

    List supported file formats.

LIMITATIONS

Due to a limitation in libsndfile paplay currently does not always set

the correct channel mapping for playback of multichannel (i.e. sur?

round) audio files, even if the channel mapping information is avail?

able in the audio file.

AUTHORS

The PulseAudio Developers <pulseaudio-discuss (at) lists (dot)

freedesktop (dot) org>; PulseAudio is available from http://pulseau?

dio.org/

SEE ALSO

pulseaudio(1), pactl(1)

Manuals   User   pacat(1)