Rocky Enterprise Linux 9.2 Manual Pages on command 'aconnect.1'

$ man aconnect.1

aconnect(1)   General Commands Manual   aconnect(1)

NAME

    aconnect - ALSA sequencer connection manager

SYNOPSIS

    aconnect [-d] [-options] sender receiver

    aconnect -i|-o [-options]

    aconnect -x

DESCRIPTION

    aconnect is a utility to connect and disconnect two existing ports on ALSA sequencer sys?

    tem. The ports with the arbitrary subscription permission, such as created by ase?

    qview(1), can be connected to any (MIDI) device ports using aconnect. For example, to

    connect from port 64:0 to 65:0, run as follows:

      % aconnect 64:0 65:0

    The connection is one-way, and the whole data to the sender port (64:0) is redirected to

    the receiver port (65:0). When another port (e.g. 65:1) is attached to the same sender

    port, the data is sent to both receiver ports. For disconnection, use -d option.

    % aconnect -d 64:0 65:0

    The address can be given using the client's name.

    % aconnect External:0 Emu8000:1

    Then the port 0 of the client matching with the string "External" is connected to the port

    1 of the client matching with the "Emu8000".

    Another function of aconnect is to list the present ports on the given condition. The in?

    put ports, which may become sender ports, can be listed with -i option.

```
% aconnect -i
client 0: 'System' [type=kernel]
    0 'Timer          '
    1 'Announce       '
client 64: 'External MIDI-0' [type=kernel]
    0 'MIDI 0-0       '
```

Similarly, to see the output ports, use -o flag.

You can remove all existing exported connections using -x option. This function is useful

for terminating the ALSA drivers, because the modules with sequencer connections cannot be

unloaded unless their connections are removed.

OPTIONS

CONNECTION MANAGEMENT

-d, --disconnect

Disconnect the given subscription.

-e, --exclusive

Connect ports with exclusive mode. Both sender and receiver ports can be no longer

connected by any other ports.

-r, --real queue

Convert time-stamps of event packets to the current value of the given real-time

queue. This is option is, however, not so useful, since the receiver port must use

(not necessarily own) the specified queue.

-t, --tick queue

Like -r option, but time-stamps are converted to the current value of the given

tick queue.

LIST PORTS

-i, --input

List existing input (readable) ports. This option is exclusive to -o.

-o, --output

List existing output (writable) ports. This option is exclusive to -i.

-l, --list

List the current connection status. The connected and connecting ports from/to

each port are listed together. The suffix flag [ex] means the connection is exclu?

sive. The suffix flag [real:#] and [tick:#] mean the connection includes real-time

and tick conversion on the listed queue, respectively.

REMOVE ALL CONNECTIONS

-x, --removeall

Remove all exported connections.

SEE ALSO

aseqnet(1), aseqview(1)

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