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

$ 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 system. The ports with the arbitrary subscription per?

    mission, such as created by aseqview(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 re?

    ceiver 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 input 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 mod?ules with sequencer connections cannot be unloaded unless their connec?tions 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 use?ful, 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 connect?
>
>ing ports from/to each port are listed together.   The suffix
>
>flag [ex] means the connection is exclusive. 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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