NAME

pw-link - The PipeWire Link Command

SYNOPSIS

pw-link [*options*] -o|-i|-l [*out-pattern*] [*in-pattern*]

pw-link [*options*] *output input*

pw-link [*options*] -d *output input*

pw-link [*options*] -d *link-id*

DESCRIPTION

List, create and destroy links between PipeWire ports.

COMMON OPTIONS

-r | --remote=NAME

The name the *remote* instance to monitor. If left unspecified, a connection is made to the default
PipeWire instance.

-h | --help

Show help.

--version

Show version information.

LISTING PORTS AND LINKS

Specify one of -o, -i or -l to list the matching optional input and output ports and their links.

-o | --output

List output ports

-i | --input

List output ports

-l | --links

List links

-m | --monitor

    Monitor links and ports. **pw-link** will not exit but monitor and print new and destroyed ports or links.

-I | --id

    List IDs. Also list the unique link and port ids.

-v | --verbose

    Verbose port properties. Also list the port-object-path and the port-alias.

CONNECTING PORTS

Whithout any list option (-i, -o or -l), the given ports will be linked. Valid port specifications are:

port-id

    As obtained with the -I option when listing ports.

node-name:port-name

    As obtained when listing ports.

port-object-path

    As obtained from the first alternative name for the port when listing them with the -v option.

port-alias

    As obtained from the second alternative name for the ports when listing them with the -v option.

    Extra options when linking can be given:

-L | --linger

    Linger. Will create a link that exists after **pw-link** is destroyed. This is the default behaviour, unless the -m option is given.

-P | --passive

    Passive link. A passive link will keep both nodes it links inactive unless another non-passive link is activating the nodes. You can use this to link a sink to a filter and have them both suspended when nothing else is linked to either of them.

-p | --props=PROPS

    Properties as JSON object. Give extra properties when creaing the link.

DISCONNECTING PORTS

When the -d option is given, an existing link between port is destroyed.

To disconnect port, a single *link-id*, as obtained when listing links with the -I option, or two port specifications can be given. See the connecting ports section for valid port specifications.

-d | --disconnect
    Disconnect ports

EXAMPLES

pw-link -iol
    List all port and their links.

pw-link -lm
    List all links and monitor changes until **pw-link** is stopped.

pw-link paplay:output_FL alsa_output.pci-0000_00_1b.0.analog-stereo:playback_FL
    Link the given output port to the input port.

pw-link -lI
    List links and their Id.

pw-link -d 89
    Destroy the link with id 89.

AUTHORS
The PipeWire Developers *<https://gitlab.freedesktop.org/pipewire/pipewire/issues>*; PipeWire is available from *https://pipewire.org*

SEE ALSO
pipewire(1), **pw-cli(1)**,