



Linux Ubuntu 26.04 Manual Pages on command 'pw-link.1'

\$ man pw-link.1

pw-link(1) General Commands Manual pw-link(1)

NAME

pw-link - The PipeWire Link Command

SYNOPSIS

pw-link [options] -o|-i|-l|-t [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 input ports

-l | --links

List links

-t | --latency

List port latencies

-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

Without 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 creating 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 `-l` 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)`

PipeWire

1.6.2

`pw-link(1)`