

**NAME**

pax11publish – PulseAudio X11 Credential Utility

**SYNOPSIS**

**pax11publish -h**

**pax11publish** [*options*] [-d]

**pax11publish** [*options*] -e

**pax11publish** [*options*] -i

**pax11publish** [*options*] -r

**DESCRIPTION**

The *pax11publish* utility can be used to dump or manipulate the PulseAudio server credentials that can be stored as properties on the X11 root window.

Please note that the loadable module *module-x11-publish* exports the same information directly from the PulseAudio sound server, and should in most cases be used in preference over this tool.

Use the following command to dump the raw PulseAudio-specific data that is stored in your X11 root window:

```
xprop -root | grep ^PULSE_
```

**OPTIONS**

- h** Show help.
- d** Read the PulseAudio server credentials currently set on the X11 root window and dump them in a human readable form. This reads the PULSE\_SERVER, PULSE\_SINK, PULSE\_SOURCE and PULSE\_COOKIE properties.
- i** Similar to **-d**, however dumps them in a Bourne shell compatible format so they may be used together with the *eval* shell command to set the \$PULSE\_SERVER, \$PULSE\_SINK, \$PULSE\_SOURCE environment variables. Also reads the authentication cookie from the root window and stores it in *~/.config/pulse/cookie*.
- e** Export the currently locally used sound server, sink, source configuration to the X11 root window. This takes the data from the \$PULSE\_SERVER, \$PULSE\_SINK, \$PULSE\_SOURCE environment variables and combines them with the data from *~/.config/pulse/client.conf* (or */etc/pulse/client.conf* if that file does not exist). If specific options are passed on the command line (**-S**, **-O**, **-I**, **-c**, see below), they take precedence. Also uploads the local authentication cookie *~/.config/pulse/cookie* to the X11 server.
- r** Removes the configured PulseAudio configuration from the X11 root window.
- D DISPLAY**  
Connect to the specified X11 display, instead of the default one configured in \$DISPLAY.
- S SERVER**  
Only valid for **-e**: export the specified PulseAudio server as default to the X11 display instead of the one configured via local configuration.
- O SINK**  
Only valid for **-e**: export the specified sink as default sink to the X11 display instead of the one configured via local configuration.
- I SOURCE**  
Only valid for **-e**: export the specified source as default to the X11 display instead of the one configured via local configuration.

**-c *FILE***

Only valid for **-e**: export the PulseAudio authentication cookie stored in the specified file to the X11 display instead of the one stored in `~/.config/pulse/cookie`.

**AUTHORS**

The PulseAudio Developers <pulseaudio-discuss (at) lists (dot) freedesktop (dot) org>; PulseAudio is available from **<http://pulseaudio.org/>**

**SEE ALSO**

**pulseaudio(1)**, **xprop(1)**