

## NAME

`pulse-client.conf` – PulseAudio client configuration file

## SYNOPSIS

`~/config/pulse/client.conf`

`~/config/pulse/client.conf.d/*.conf`

`/etc/pulse/client.conf`

`/etc/pulse/client.conf.d/*.conf`

## DESCRIPTION

The PulseAudio client library reads configuration directives from a configuration file on startup. If the per-user file `~/config/pulse/client.conf` exists, it is used, otherwise the system configuration file `/etc/pulse/client.conf` is used. In addition to those main files, configuration directives can also be put in files under directories `~/config/pulse/client.conf.d/` and `/etc/pulse/client.conf.d/`. Those files have to have the `.conf` file name extension, but otherwise the file names can be chosen freely. The files under `client.conf.d` are processed in alphabetical order. In case the same option is set in multiple files, the last file to set an option overrides earlier files. The main `client.conf` file is processed first, so options set in files under `client.conf.d` override the main file.

The configuration file is a simple collection of variable declarations. If the configuration file parser encounters either `;` or `#` it ignores the rest of the line until its end.

For the settings that take a boolean argument the values **true**, **yes**, **on** and **1** are equivalent, resp. **false**, **no**, **off**, **0**.

## DIRECTIVES

**default-sink=** The default sink to connect to. If specified overwrites the setting in the daemon. The environment variable `$PULSE_SINK` however takes precedence.

**default-source=** The default source to connect to. If specified overwrites the setting in the daemon. The environment variable `$PULSE_SOURCE` however takes precedence.

**default-server=** The default sever to connect to. The environment variable `$PULSE_SERVER` takes precedence.

**autospawn=** Autospawn a PulseAudio daemon when needed. Takes a boolean value, defaults to **yes**.

**daemon-binary=** Path to the PulseAudio daemon to run when autospawning. Defaults to a path configured at compile time.

**extra-arguments=** Extra arguments to pass to the PulseAudio daemon when autospawning. Defaults to **--log-target=syslog**

**cookie-file=** Specify the path to the PulseAudio authentication cookie. Defaults to `~/config/pulse/cookie`.

**enable-shm=** Enable data transfer via POSIX or memfd shared memory. Takes a boolean argument, defaults to **yes**. If set to **no**, communication with the server will be exclusively done through data-copy over sockets.

**enable-memfd=**. Enable data transfer via memfd shared memory. Takes a boolean argument, defaults to **yes**.

**shm-size-bytes=** Sets the shared memory segment size for clients, in bytes. If left unspecified or is set to 0 it will default to some system-specific default, usually 64 MiB. Please note that usually there is no need to change this value, unless you are running an OS kernel that does not do memory overcommit.

**auto-connect-localhost=** Automatically try to connect to localhost via IP. Enabling this is a potential security hole since connections are only authenticated one-way and a rogue server might hence fool a client into sending it its private (e.g. VoIP call) data. This was enabled by default on PulseAudio version 0.9.21 and

older. Defaults to **no**.

**auto-connect-display=** Automatically try to connect to the host X11's \$DISPLAY variable is set to. The same security issues apply as to **auto-connect-localhost=**. Defaults to **no**.

#### **AUTHORS**

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

#### **SEE ALSO**

**pulse-daemon.conf(5)**, **pulseaudio(1)**