

## NAME

**axfer** – command–line sound recorder and player for sound devices and nodes supported by Linux sound subsystem (Advanced Linux Sound Architecture, also known as ALSA).

## SYNOPSIS

**axfer** *subcommand direction options*

subcommand = **transfer** | **list** | **version** | **help**

direction = **capture** | **playback**

options = ( depends on *subcommand* )

## DESCRIPTION

The **axfer** is a command–line recorder and player to transfer audio data frame between sound devices/nodes and files/stdin/stdout.

## OPTIONS

### Subcommand

#### **transfer**

Performs transmission of audio data frame. Its detail is described in **axfer–transfer(1)** manual.

#### **list**

Dumps lists of available sound devices and nodes. Its detail is described in **axfer–list(1)** manual.

#### **version**

Prints version of this application (as the same version as **alsa–utils** package).

#### **help**

Prints a short message about subcommands for users to enter this application.

### Direction

#### **capture**

Operates for capture transmission.

#### **playback**

Operates for playback transmission.

## EXIT STATUS

*EXIT\_SUCCESS* (0) if run time successfully finished, else *EXIT\_FAILURE* (1).

## UNIT TEST

This program has unit tests for internal implementation. Please refer to the manual of *axfer-transfer* for details.

## COMPATIBILITY TO APLAY

The *axfer* is designed to be compatible to **aplay(1)** as much as possible. In command line, executions of **aplay/arecord** files under **\$PATH** runs **axfer** with compatibility mode if filesystem has symbolic link from the **aplay/arecord** to **axfer**.

```
$ ln -s aplay axfer
$ ln -s arecord axfer
```

**A string to which arg[0] points**

When args[0] in run time points to string ended with 'aplay', it has the same meaning of *playback* direction. When it points to string ended with 'arecord', it has the same meaning of *capture* direction.

**Options acknowledged as list subcommand**

Options of *-l* , *--list-devices* , *-L* , *--list-pcms* are acknowledged as *list* subcommand. Without them, the run time performs *transfer* subcommand.

**REPORTING BUGS**

Report any bugs to mailing list of ALSA community <alsa-devel@alsa-project.org> where the development and maintenance is primarily done. Bug tracking service of alsa-utils repository on github.com is also available.

**SEE ALSO**

**axfer-transfer(1), axfer-list(1), alsamixer(1), amixer(1)**

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