

1. Running Jacktrip

At the moment, I have run jack and jacktrip as user processes. The difficulty presented here is that user processes usually disappear upon logout or connection loss. One common way around that is to use GNU screen. Simply type

```
screen
```

to begin a new screen session. To detach from a screen session (so you can log off), you must first press Control-a, then press d. That will detach you from your screen session, and a message will show that you detached. To re-attach, use

```
screen -r
```

Jack is already installed for all server users. However, it is problematic if jack is already running from another jacktrip admin; multiple jack servers might confuse our computer. To check if jack is running, use:

```
ps -e | grep jack
```

Jackd and jacktrip will appear if they are running, similar to below.

```
$ ps -e | grep jack
 9926 pts/2    00:00:00 jackd
```

Server administrators can kill another user's jackd and jacktrip processes with

```
sudo pkill jacktrip
```

or

```
sudo kill <PID>
```

The PID of jackd is 9926 in the above ps reading. If jackd is not running, first confirm that you're in a screen session. Start jackd with

```
jackd -d dummy -r 48000 -p 64 &
```

Start jacktrip with

```
jacktrip -S -z -q 12 -p 4
```

During a production run, it is more useful to run with -p 2 so that participants only hear the others. I will update this document with more strategies as we find them.