

Guide to BOOK Appendix D Examples: *Victor Lazzarini*

An Introduction to Real-time Audio IO with PortAudio

These are the examples discussed in the text. All of them require PortAudio to be downloaded and installed. Instructions for this are found in <http://portmedia.sourceforge.net/>.

Once PortAudio is installed, assuming its headers are in `/usr/local/include` and the library file is in `/usr/local/lib` the examples can be built as follows:

```
gcc -o echo echo.c -I/usr/local/include -L/usr/local/lib -lportaudio
gcc -o echo2 echo2.c -I/usr/local/include -L/usr/local/lib
    -lportaudio
```

To run these programs, just type the command name in the terminal, using “./” to make sure you are running the programs you have just built (and not something else in your executable path), eg.:

```
./echo
```