

Instructions to build Polyphone with Ubuntu.

Use these instructions if you cannot install Polyphone on your Linux distribution with the available installers in the section "Download". This method has been tested with Ubuntu 16.04 (Xenial).

Prerequisite

The following libraries are required:

- qt (qt5-default + libqt5svg5-dev)
- alsa (libasound2-dev)
- jack (libjack-jackd2-dev)
- portaudio (portaudio19-dev)
- rtmidi (librtmidi-dev)
- stk (libstk0-dev)
- qcustomplot (libqcustomplot-dev)
- vorbis (libvorbis-dev)
- ogg (libogg-dev)
- flac (libflac-dev)
- ssl (libssl-dev)

Use "synaptic" to install them.

Build

In the root directory of the project, open a terminal and build Polyphone by running the following command:

```
qmake && make
```

An executable file "polyphone" in the directory "RELEASE" should then appear if everything went right.

In the case where libraries such as RtMidi, Stk, QCustomPlot are missing or are not in a compatible version in your distribution, you can edit the .pro file to use local copies of them. To do this, uncomment the corresponding lines:

#DEFINES += USE_LOCAL_RTmidi will become DEFINES += USE_LOCAL_RTmidi for instance (with no leading "#").

Note: if you are using Qt Creator, the project may be opened via its .pro file present in the root directory. Take care shadow build is not checked (project properties).