

# mbuntu

Status Update 15/01: Thanks to a kind donation from stryd's neighbour, we now have a box dedicated to mbuntu development. Now working out the finer points of the interaction between apps and also some config tricks. mbuntu's beginnings are stryd\_one's full-time operating system on three machines, so it could be said that it's coming along OK, or you wouldn't be reading this ;)

Status Update 07/09: Script is coming along slowly. Still screening apps and learning the ins and outs of packaging.

**If you would like to install a few things to figure out what's the "best" tool for a certain job, shout out!**

**If you know about .deb packaging, we'd love any advice you can offer :)**

Upcoming stuff:

Harvesting packages in 64studio/CCRMA/Ubuntu Studio and screening them for inclusion. (See below for links)

Plugin section

Harvesting links of how-to's for stuff that must be done manually (damn)

Links for harvesting apps:

<https://wiki.ubuntu.com/UbuntuStudio/PackageList>

<https://wiki.ubuntu.com/UbuntuStudio/Wishlist>

[http://www.clug.in-chemnitz.de/vortraege/multimedia/SOFTWARE/linux\\_soundapps.html](http://www.clug.in-chemnitz.de/vortraege/multimedia/SOFTWARE/linux_soundapps.html)

[http://en.wikipedia.org/wiki/List\\_of\\_Linux\\_audio\\_software](http://en.wikipedia.org/wiki/List_of_Linux_audio_software)

<http://trac.64studio.com/64studio/browser/64studio/trunk/tasksel-data/64studio-tasks.desc>

<http://ccrma.stanford.edu/planetccrma/software/packages.html>

<http://apps.linuxaudio.org/>

Turn this page into a table with:

App name | Description | Home page | Latest Version | Repo Location (Existing OR Destination) | Existing Repo Version OR Packaging Priority | Add footnotes for links like howto's etc No longer req'd, additional repos all in the script already with comments.

There's a lot of stuff listed here - don't worry, we're anti-bloat. Only the apps that are worthy will make the cut.



**means we're pretty sure about this one** Add one of these if you see something you really want!



**means please share any info you have and can find**

We can tidy the page up as this gets more structured.

# Aims

An out-of-the-box platform for:

1. general use / researching (web, email, viewers)
2. modifying, building, and uploading midibox apps
3. developing PCBs/schematics/panels
4. making music
5. dev for other similar projects (arduino, synth DIY, etc)





# Software

Please name any suggestions you have, especially where you see a














## Misc

### hardware support

- Wicd  Wireless network manager
- EasyStroke  Mouse gestures
- btnx  Mouse button support
- wiimote 

## Internet

- FireFox  Browser
- CLOE package of FF addons 
- Adobe Flash  Plugin
- Thunderbird  Email
- XChat  IRC Client (not XChat-gnome, but the other one)
- pidgin  IM

- skype  IM/VoIP
- Transmission  BitTorrent Client
- gnubversion  NautilusSVN  SVN GUI
- samba  Sharing CIFS for Windoze boxes

















### System

- glipper  clipboard manager
- Sun Java  Runtime
- document viewers (pdf, images, etc) 
- media player (video, mp3, ogg, dvb-t, etc)  VLC media player? exaile?  
MPlayer, Xine or FFMpeg? XMMS Player? amarok? 
- ogg vorbis 
- mp3 
- FLAC 
- MKVtoolnix  (gotta sample international movies!)
- NSSBackup  Backup utility
- Disk/data recovery tool(s) 
- TrueCrypt  Data encryption
- OpenOffice  Office Tools
- Google apps integration  Office Tools
- Virtualbox  Virtualisation
- AcetoneISO  CD/DVD burner CD/DVD ripper
- Task manager  Task Coach 
- KeePassX  Password manager


# DIY Dev

## MIDIbox

Must-haves!

- MIOS studio  MIOS util
- GPUTILS  Assembler/linker
- SDCC  Compiler
- binutils  all the tools for running make (already in ubuntu)
- Perl 
- piklab  burner/jdm software, IDE, you name it
- picprog  console app for jdm/burner
- geany  Text editor
- gedit plugins  Text editor+plugins
- kicad  Schematic and PCB CAD
- calcutta  java calculator
- galculator  Calculator
- simplesysexxer  sysex uploader
- jsynthlib  Java Synth librarian/patch editor
- SIDv2Editor  Java MBSID Editor
- Eagle  Schematic and PCB CAD

## Other

















- JDK  Sun Java Dev Kit
- Circuit simulation with audio output













- speaker design and modelling  **Fix Me!**
- DSP design  **Fix Me!**
- FPGA stuff  **Fix Me!**
- AVR toolchain  **Fix Me!** ponyprog 
- XCircuit 

























\* Eclipse  **Fix Me!** Probably overkill but it leaves lots of room for growth. Needs lots of config, we should leave it out I think

## Audio

- linux-rt (realtime kernel) 
- rtirq 
- JACK 
- jackrack 
- qjackctl 
- qmidiroute 
- NetJACK 
- libjackasyn 
- Meterbridge 
- audio/MIDI over Ethernet/IP  **Fix Me!** PulseAudio does RTP audio but not midi.
- RTP-MIDI is a mystery! HELP!!  **Fix Me!**  **Fix Me!**
- LADSPA 
- LV2 
- DSSI 
- ALSA 




- LASH Audio Session Handler 
- gLASHctl  GUI for LASH/Jack
- aconnect GUI 
- aseqnet 
- aseqview 
- virmidi 
- QMidiArp 
- QMidiRoute 
- QMidiControl 
- QAMix 
- QARecord 
- XMMS 
- XMMS-JACK 

- Rosegarden 
- Ardour 
- pd 
- jack 
- alsa 
- seq24 
- architectural acoustic modelling 
- MuSE (streaming) 
- MuSE (sequencer) 
- hydrogen 






















- Freqtweak  **Fix Me!**
- audacity  **Fix Me!**
- LMMS 
- LinuxSampler 
- qsampler 
- JAMin  **Fix Me!**
- Mixxx  **Fix Me!**
- xwax  DJ software
- gAlan, 
- Ingen 
- OpenSoundWorld 
- Machina 
- SooperLooper 
- TimeMachine 
- CSound 
- Musician's calculator  **Fix Me!**
- FluidSynth  **Fix Me!**
- QSynth  **Fix Me!**
- Traverso  **Fix Me!**
- Qtractor  **Fix Me!**
- Jaaa  **Fix Me!**
- Japa  **Fix Me!**
- Aeolus  organ emulator
- gmorgan  organ emulator

- Tapiir  **Fix Me!**
- AMSynth 
- ZynAddSubFx 
- ALSA Modular Synth 
- SimSam  **Fix Me!**
- Beast/BSE  **Fix Me!**
- ReZound 
- Renoize  Tracker
- milkytracker  Tracker
- aldrin  Tracker
- mcontrol 
- jOrgan 
- Sweep? 
- Tranches 
- Non-Sequencer 
- kmidimon  midi monitor
- MiMo  midi monitor
- vmpk  Virtual MIDI Piano Keyboard

## Graphics

- inkscape  Vector Graphics
- gimp  Raster Graphics
- Blender  3d Graphics

# Video / VJ

- ZoneMinder  >1.24 (currently beta) Motion sensing security in your studio/lab via webcam and IP cam.
- virtualdub 
- other video editor 
- video synth (like vvvv) 
- Freej 
- LiVES 
- VeeJay 
- EffecTV 
- DeIVJ 
- MoB 
- GePhex 
- terminatorX 
- synaesthesia 
- whitenoise 
- Cinelerra 
- Kino 
- XawTV 
- Me-TV (TV shows = good samples!) 
- PiTiVi 
- Stopmotion 
- Enblend - an image compositing program
- FontForge 
- Scribus 

- Synfig 

See <http://www.piksel.no/pwiki/LiveCDSoftWare> !! That's a liveCD for VJ's

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<https://midibox.org/dokuwiki/> - **MIDibox**

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