# 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://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 Fix Me!

## Misc

### hardware support

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

### 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) Fix Me!
- media player (video, mp3, ogg, dvb-t, etc) Fix Me! 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) Fix Me!
- TrueCrypt Data encryption
- OpenOffice Office Tools
- Google apps integration Office Tools
- Virtualbox Virtualisation
- AcetoneISO CD/DVD burner CD/DVD ripper
- Task manager Fix Me! 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 Fix Me!
- 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!! netjack? Fix Me! Fix Me!
- LADSPA !
- LV2 !
- DSSI !
- ALSA !
- LASH Audio Session Handler !

- gLASHCtl ! GUI for LASH/Jack
- aconnect GUI !
- aseqnet Fix Me!
- aseqview Fix Me!
- virmidi !
- QMidiArp !
- QMidiRoute !
- QMidiControl !
- QAMix !
- QARecord !
- XMMS Fix Me!
- XMMS-JACK Fix Me!

- Rosegarden !
- Ardour !
- pd !
- jack !
- alsa !
- seq24 !
- architectural acoustic modelling Fix Me!
- MuSE (streaming) Fix Me!
- MuSE (sequencer) Fix Me!
- hydrogen Fix Me!
- 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 
- DelVJ 
- MoB 
- GePhex 
- terminatorX 
- synaesthesia 
- whitenoise 
- Cinelerra 
- Kino 
- XawTV 
- TVTime (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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Last update: **2009/04/08 11:02**