

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













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
- pidgin  IM
- skype  IM/VoIP

- Transmission  BitTorrent Client
- gnubversion  NautilusSVN  SVN GUI
- samba  Sharing CIFS for Windoze boxes

















System

- 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  **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!!  **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 
- Mixxx 
- xwax  DJ software
- gAlan, 
- Ingen 
- OpenSoundWorld 
- Machina 
- SooperLooper 
- TimeMachine 
- CSound 
- Musician's calculator 
- FluidSynth 
- QSynth 
- Traverso 
- Qtractor 
- Jaa 
- Japa 
- Aeolus  organ emulator
- gmorgan  organ emulator
- Tapiir 
- AMSynth 

- ZynAddSubFx 
- ALSA Modular Synth 
- SimSam 
- Beast/BSE 
- 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  Motion sensing security in your studio/lab via webcam and IP cam.

- virtualdub  **Fix Me!**
- other video editor  **Fix Me!**
- video synth (like vvvv)  **Fix Me!**
- Freej  **Fix Me!**
- LiVES  **Fix Me!**
- VeeJay  **Fix Me!**
- EfficTV  **Fix Me!**
- DeVJ  **Fix Me!**
- MoB  **Fix Me!**
- GePhex  **Fix Me!**
- terminatorX  **Fix Me!**
- synaesthesia  **Fix Me!**
- whitenoise  **Fix Me!**
- Cinelerra  **Fix Me!**
- Kino  **Fix Me!**
- XawTV  **Fix Me!**
- TVTime (TV shows = good samples!) 
- PiTiVi  **Fix Me!**
- Stopmotion  **Fix Me!**
- Enblend - an image compositing program
- FontForge 
- Scribus  **Fix Me!**
- Synfig  **Fix Me!**

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

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<https://wiki.midibox.org/doku.php?id=home:software:linux:mbuntu&rev=1232010412>

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