

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
- 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
- ARM-GCC  CodeSourcery ARM 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 

- DSP design 
- FPGA stuff 
- AVR toolchain  ponyprog 
- XCircuit 

* Eclipse  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  PulseAudio does RTP audio but not midi. RTP-MIDI is a mystery!
HELP!!  
 - 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 
- audacity 
- LMMS 
- LinuxSampler 
- qsampler 
- JAMin 
- Mixxx 
- xwax  DJ software
- gAlan, 
- Ingen 
- OpenSoundWorld 
- Machina 
- SooperLooper 
- TimeMachine 
- CSound 
- Musician's calculator 
- FluidSynth 
- QSynth 
- Traverso 
- Qtractor 
- Jaaa 
- 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  >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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<http://www.midibox.org/dokuwiki/> - **MIDIbox**

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