

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 :)

~~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. And you don't have to install them all!



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



Fix Me!

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
- NautilusSVN  SVN GUI
- samba  Sharing CIFS for Windoze boxes
- gFTP  FTP/SFTP/FXP/etc Client

System

- ubuntu-tweak  Name says it all

- DDM  clipboard manager
- Sun Java  Runtime
- Evince, eog  document viewers (pdf, images, etc) (Installed by default)
- NSSBackup  Backup utility
- Disk/data recovery tool(s) 
- TrueCrypt  Data encryption
- OpenOffice  Office Tools
- Google apps integration  Office Tools
- Task Coach  Task manager
- KeePassX  Password manager
- Virtualbox  Virtualisation
- CDemu  CD/DVD emulation (like daemon tools)
- lirc  Infrared remotes
- media CODECs (video, dvb-t, wav, mp3, mkv, ogg, flac, etc) (Prefer xine over gstreamer)
 - Totem-xine  (Remove Totem-gstreamer)
 - Gnome-MPlayer 
 - gxine 
 - xine and all plugins 
 - gstreamer and all plugins 

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
- cream  Text editor for boffins
- kicad  Schematic and PCB CAD
- qalculate-gtk  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 ~~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  **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
- Freewheeling  <http://freewheeling.sourceforge.net/>
- Kluppe  <http://kluppe.klingt.org/>
- Specimen  <http://zhevny.com/specimen/>
- SooperLooper  <http://www.essej.net/sooperlooper/>
- FreeCycle  beat-slicer and general loop tool

Graphics

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

Video / VJ

- DVD::Rip  Have a guess what this does
- DVDStyler  DVD Authoring
- Tovid  VCD/DVD Authoring
- ZoneMinder  >1.24 (currently beta) 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!**
- EfecTV  **Fix Me!**
- DeIVJ  **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!**
- Me-TV (TV shows = good samples!) 
- PiTiVi  **Fix Me!**

- Stopmotion 
- Enblend - an image compositing program
- FontForge 
- Scribus 
- Synfig 

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

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/>

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