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!


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

- ubuntu-tweak Name says it all
- DDM 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
- 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~~ 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  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 
- 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
- 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 
- other video editor 
- video synth (like vvvv) 
- FreeJ 
- LiVES 
- VeeJay 
- EffecTV 
- DelVJ 
- 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

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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