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 🔧 **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) 🔧 **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
- 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 🔧 **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 🔧 **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

- DVDStyler ⚠ 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!**
- EffecTV 🔧 **Fix Me!**
- DelVJ 🔧 **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 🔧 **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

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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