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
- 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
- document viewers (pdf, images, etc) Fix Me!
- NSSBackup Backup utility
- Disk/data recovery tool(s) Fix Me!
- TrueCrypt Data encryption
- OpenOffice Office Tools
- Google apps integration Office Tools
- Task manager Fix Me! Task Coach
- KeePassX Password manager
- Virtualbox Virtualisation
- CDemu CD/DVD emulation (like daemon tools)
- 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~~ 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 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 
- 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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Last update: **2009/01/28 14:52**