

# 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

## 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
- 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  **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!**
- Jaa  **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!**
- EffecTV  **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://www.clug.in-chemnitz.de/vortraege/multimedia/SOFTWARE/linux_soundapps.html)

[http://en.wikipedia.org/wiki/List\\_of\\_Linux\\_audio\\_software](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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