# mbuntu

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 :)**

Upcoming stuff:
Harvesting packages in 64studio/CCRMA/Ubuntu Studio and screening them for inclusion. (See below for links)
Plugin section
Harvesting links of how-to's for stuff that must be done manually (damn)
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/

~~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.

 **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

- EasyStroke Mouse gestures
- btnx Mouse button support
- wiimote Fix Me!

### Internet

- FireFox Browser
- CLOE package of FF addons
- Flash Plugin
- Thunderbird Email
- pidgin IM
- skype IM/VoIP
- Transmission BitTorrent Client
- gnubversion NautilusSVN SVN GUI
- samba Sharing CIFS for Windoze boxes

### System

- 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
- 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
- gedit plugins  Text editor+plugins
- kicad  Schematic and PCB CAD
- calcutta  java calcutta
- galculator  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 
- speaker design and modelling 
- DSP design 
- FPGA stuff 
- AVR toolchain  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 🔧 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

## Graphics

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

## Video / VJ

- 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!
- TVTime (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

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Last update: **2008/12/29 08:09**