

A live-USB toolkit?

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Motivations

- In 2012 I created a live-USB to provide a convenient “player” for English Dance music and also provide instructions as text displays
 - based on CrunchBang (32bit)
- In 2016, colleague had new machine with new audio h/w. No sound!
- After lots of investigation, managed to remaster using BunsenLabs successor to CrunchBang
 - now 64 bit, and legacy (BIOS-type) boot

Motivations (cont.)

- Looked into Arch Linux while doing this, and later Scott shared a live USB based on Arch
 - boots UEFI or legacy
 - 32 or 64 bit, and it boots on non-pae processor
 - But no graphical window (yet!)
- live-USBs have helped me enormously to check and fix issues
 - hardware checking
 - boot repair
 - file transfers and “disk” management

Possible OCLUG project

- A live-USB / live DVD “toolkit” distro
 - “boot anywhere” -- legacy/UEFI, 32/64, non-pae
 - provide for gurus and novices in UI
 - good toolkit
 - reasonably lightweight
- An ongoing project to provide for discussion and learning
- A base platform for other appliance-like distros

My suggestions

- Base on Arch -- use existing demo as startpoint
 - up-to-date kernel
 - can be kept fairly lean
 - liked by bleeding edgers, but still stable enough for rest
- Openbox based UI
 - rc.xml gives menu of keyboard shortcuts
 - Note: They don't work in VirtualBox!
 - lightweight
 - easy to customise

My suggestions

- Tools

- lots of system and device checkers
- good file and storage management tools
- some boot check/repair
- connectivity tools to check wifi, networking

- Documentation

- preferably built-in
- Can we have an on-board, net-updateable wiki
 - workable offline, updates quickly?

- Other stuff? (office?)

Requirements

- Virtual environment (VMWare or Virtualbox)
- process or tool for remastering
- prototype distro
- participation!

Demos

Virtualbox demos of

- 2012 and/or 2016 DanceBox
- Arch distro prototype

THANKS FOR LISTENING