Opensource in Boox

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1 A list of opensource software used in Boox platform

- GNU General Public License (GPL) Projects used in BOOX platform
 - 1. Linux kernel is an operating system kernel used by the Linux family of Unix-like operating systems. It is one of the most prominent examples of free and open source software.
 - 2. RedBoot is a complete bootstrap environment for embedded systems.
 - BusyBox combines tiny versions of many common UNIX utilities into a single small executable.
 - 4. USB_ModeSwitch is (surprise!) a mode switching tool for controlling "flip flop" (multiple device) USB gear.
 - 5. The usbutils package contains a utility used to display information about USB buses in the system and the devices connected to them.
 - mtdutils provides a generic Linux subsystem for memory devices, especially Flash devices.
 - 7. dosfstools is utilities to create and check MS-DOS FAT filesystems. Inside of this package there are two utilities to create and to check MS-DOS FAT filesystems on either harddisks or floppies under Linux.
 - 8. fbreader is an e-book reader for various platforms.
 - 9. qstardict a dictionary program written using Qt4.
- GNU General Public License (GPL) Projects used in BOOX platform
 - Udev provides a dynamic /dev directory, and hooks userspace into kernel device events.
 - 2. libdbus is a message bus system, a simple way for applications to talk to one another.
 - 3. Freetype provides Free, High-Quality, and Portable Font Engine
 - 4. wireless-tools is a collection of tools to configure IEEE 802.11 wireless LAN cards.
 - 5. libmad is an "M"peg "A"udio "D"ecoder library.
 - 6. wpa_supplicant is a WPA Supplicant for Linux, BSD, Mac OS X, and Windows with support for WPA and WPA2 (IEEE 802.11i / RSN).
 - 7. DjVuLibre is an open source (GPL'ed) implementation of DjVu, including viewers, browser plugins, decoders, simple encoders, and utilities.
 - 8. libiconv is for you if your application needs to support multiple character encodings, but that support lacks from your system.
- GNU Lesser General Public License (LGPL) Projects used in BOOX platform
 - 1. Qt is a cross-platform application and UI framework.
 - 2. glibc The GNU C library is used as the C library in the GNU system and most systems with the Linux kernel.
 - 3. libusb aims to create a library for use by user level applications to access USB devices regardless of OS.
 - 4. FriBidi is an implementation of the Unicode Bidirectional Algorithm (bidi).

- 5. tslib is an abstraction layer for touchscreen panel events, as well as a filter stack for the manipulation of those events.
- 6. taglib a library for reading and editing the meta-data of several popular audio formats.

• More Opensource Projects used in BOOX platform

- 1. libping is the official PNG reference library, distributed under the libping license.
- 2. zlib is rakedesigned to be a free, general-purpose, legally unencumbered that is, not covered by any patents lossless data-compression library for use on virtually any computer hardware and operating system.
- 3. libexpat is an XML parser library written in C, distributed under the MIT license.
- 4. library for transferring files with URL syntax, supporting FTP, FTPS, HTTP, HTTPS, SCP, SFTP, TFTP, TELNET, DICT, LDAP, LDAPS and FILE, distributed under the MIT/X derivate license.
- 5. OpenSSL is a collaborative effort to develop a robust, commercial-grade, full-featured, and Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols as well as a full-strength general purpose cryptography library, distributed under its opensal license.
- 6. SQLite is a software library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine, distributed in the public domain.
- 7. libbs2b is aBauer stereophonic-to-binaural DSP library, provided "AS IS".
- 8. AESCrypt is a file encryption software product available on several operating systems that uses the industry standard Advanced Encryption Standard (AES) to easily and securely encrypt files, completely free open source software.

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