



Askey Software Package

- Open Source Modules
- o2 HomeSpot 2 (LTE)

Updated 25<sup>th</sup> November, 2021

# CONTENTS

<b>ASKEY SECURITY END USER LICENSE AGREEMENT .....</b>	<b>1</b>
<b>NOTICE .....</b>	<b>4</b>
<b>OPEN SOURCE SOFTWARE CONTAINED IN O2 HOMESPOT 2 .....</b>	<b>5</b>
<b>REVISION HISTORY.....</b>	<b>6</b>
<b>TERMS AND CONDITIONS OF THE APPLICABLE OPEN SOURCE LICENSES.....</b>	<b>74</b>
GNU GENERAL PUBLIC LICENSE VERSION 2 .....	74
GNU LESSER GENERAL PUBLIC LICENSE VERSION 2.1 .....	82
THE ACADEMIC FREE LICENSE V. 2.1.....	92
GNU FREE DOCUMENTATION LICENSE VERSION 1.2 .....	96
BSD LICENSE .....	104
GCC RUNTIME LIBRARY EXCEPTION VERSION 3.1 .....	105
GNU GENERAL PUBLIC LICENSE VERSION 3 .....	107
GNU LESSER GENERAL PUBLIC LICENSE VERSION 3 .....	120
GNU LIBRARY GENERAL PUBLIC LICENSE VERSION 2.....	124
MOZILLA PUBLIC LICENSE VERSION 1.0 .....	134
OPENSSL LICENSE.....	142
APACHE LICENSE VERSION 2.0.....	145
MIT LICENSE.....	149
ISC LICENSE .....	150

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## Revision History

Version	Date	Author(s)	Description
1	2021/11/24	Weichen Lee	Initial draft (LTE)
2	2021/11/25	Magic Fuh	Merge HGU+LTE+QTN



1. appweb

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3. bcrypt

This code comes from John the Ripper password cracker, with reentrant and crypt(3) interfaces added, but optimizations specific to password cracking removed.

Written by Solar Designer <solar at openwall.com> in 1998-2002 and placed in the public domain.

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## 8. ebtables

Author: Bart De Schuymer

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## 9. gzip

gzip (GNU zip) -- compress files with zip algorithm and 'compress' interface

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## 11. ipset

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## 12. iptables

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### 14. ppp

main.c - Point-to-Point Protocol main module

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## 15. samba

Unix SMB/CIFS implementation.

Main SMB server routines

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Copyright (C) Martin Pool              2002

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## 16. udhcp

Moreton Bay DHCP Server

Copyright (C) 1999 Matthew Ramsay <matthewr@moreton.com.au>

Chris Trew <ctrew@moreton.com.au>

Rewrite by Russ Dill <Russ.Dill@asu.edu> July 2001

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mtd - simple memory technology device manipulation tool

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The code is based on the linux-mtd examples.

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Bluetooth low-complexity, subband codec (SBC) library

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libelf.h  
libdw.h  
libdwfl.h

#### 45. flac

libFLAC - Free Lossless Audio Codec library

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/\* flac - Command-line FLAC encoder/decoder

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```
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* Perl-Compatible Regular Expressions *  
*/
```

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## 51. libnfnetslink

libnfnetslink - userspace library for handling of netfilter netlink messages

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Mathieu Desnoyers

May 10, 2009

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urcu-static.h

arch\_x86.h

arch\_ppc.h

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```
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```

```
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```

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urcu.h

Userspace RCU header

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Linus Torvalds

#### 57. lttng-ust

UST - Userspace Tracer

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## 58. module-init-tools

lsmod.c: list the status of kernel modules.

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## 59. netbase

This package was created by Peter Tobias tobias@et-inf.fho-empden.de on Wed, 24 Aug 1994 21:33:28 +0200 and maintained by Anthony Towns <ajt@debian.org> until 2001.

It is currently maintained by Marco d'Itri <md@linux.it>.

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## 60. opkg

opkg-cl.c - the opkg package management system

Florian Boor

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Carl D. Worth

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## 61. rtsp-alg

RTSP extension for TCP NAT alteration

(C) 2003 by Tom Marshall <tmarshall at real.com> based on ip\_nat\_irc.c

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## 62. sysvinit

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On Debian GNU/Linux systems, the complete text of the GNU General Public License can be found in `/usr/share/common-licenses/GPL-2`.

Send patches to [sysvinit-devel@nongnu.org](mailto:sysvinit-devel@nongnu.org)

The of the start-stop-daemon

A rewrite of the original Debian's start-stop-daemon Perl script in C (faster - it is executed many times during system startup).

Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>, public domain.

### 63. tinylogin

TinyLogin

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Please feed suggestions, bug reports, insults, and bribes back to:

Erik Andersen

<[andersen@codepoet.org](mailto:andersen@codepoet.org)>

TinyLogin is a curious blend of code from a whole bunch of folks. It was originally cobbled together by Sean Bastille [\*\*hightide@qinch.org\*\*](mailto:hightide@qinch.org) based in part on the May of 1998 version of the shadow utilities, which can be downloaded from:

<ftp://ftp.ists.pwr.wroc.pl/pub/linux/shadow/>

The build system, and the way in which TinyLogin invokes its component applications has been totally rewritten, based on the build system used for BusyBox. The code has also been majorly reworked to make it more internally consistent, to make it use fewer global variables, etc, by Erik Andersen.

TinyLogin may be used and distributed under the terms of GNU General Public License, \_with\_ the addition of the special terms enumerated below (after the GPL) by the shadow utilities license (a BSD style license, included below, which does not restrict me from making future releases under the GPL, so I am doing just that).

-Erik

#### 64. update-modules

This is the update-modules script for Debian GNU/Linux.

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#### 65. update-rc.d

update-rc.d    Update the links in /etc/rc[0-9S].d/

(c) 2003, 2004 Phil Blundell <pb@handhelds.org>

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#### 66. wireless-tools

Wireless Tools

Jean II - HPLB 97->99 - HPL 99->07

Main code for "iwconfig". This is the generic tool for most manipulations...You need to link this code against "iwlib.c" and "-lm".

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Wireless Tools

Jean II - HPL 99->04

Main code for "iwevent". This listent for wireless events on rtnetlink. You need to link this code against "iwcommon.c" and "-lm". Part of this code is from Alexey Kuznetsov, part is from Casey Carter.

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Jean II

#### 67. 8021q.ko

INET      802.1Q VLAN  
Ethernet-type device handling.

Authors: Ben Greear <greearb@candelatech.com>

Please send support related email to: netdev@vger.kernel.org

VLAN Home Page: <http://www.candelatech.com/~greear/vlan.html>

Fixes:

Fix for packet capture - Nick Eggleston <nick@dccinc.com>;

Add HW acceleration hooks - David S. Miller <davem@redhat.com>;

Correct all the locking - David S. Miller <davem@redhat.com>;

Use hash table for VLAN groups - David S. Miller <davem@redhat.com>

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#### 68. bootcfg.ko

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Create a wrapper around other bootcfg datastores which compresses on write and decompresses on read.

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69. dpi.ko

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70. emaclib.ko

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71. fwt\_if.ko

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## 72. i2cbus.ko

Quantenna I2C adapter driver (master only).  
Based on the TI DAVINCI I2C adapter driver.

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## 73. ipv6-mgmt

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#### 74. libcurl

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75. libjson

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76. mini\_httpd

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77. netdbg.ko

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78. ntpclient

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ntpclient home page: <http://doolittle.icarus.com/ntpclient/>

Joachim Nilsson created a fork of ntpclient that he maintains at <http://vmlinux.org/jocke/ntpclient.shtml>. We don't have the same maintainance and build system sensibilities; some people may prefer his. In particular, he has converted his ntpclient to daemon and syslog. The basic functionality of the two versions should be identical.

79. qcsapi

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80. qdrv.ko

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#### 81. qtn\_debug.ko

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#### 82. q\_utils



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83. rxp.ko

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84. switch\_eth.ko

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85. switch\_tqe.ko

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86. switch\_vlan.ko

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87. wlan.ko

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88. wlan\_acl.ko

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90. wlan\_ccmp\_256.ko

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## **GCC Runtime Library Exception Version 3.1**

Version 3.1, 31 March 2009

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Version 3, 29 June 2007

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