

**HIRSCHMANN**A **BELDEN** BRAND**NET MODULE**

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OSS Document - NRSW 5.0.0.102

Project Name: NRSW

Abstract:

This document contains notices and license documentation related to the Free and Open Source Software (FOSS) embedded in NRSW 5.0.0.102.

Keywords:

Netmodule AG, Software Development, NRSW, OSS Document

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Approval	Role	Name
	Director Product Development	Benjamin Amsler

1 Release Information

NetModule Router Software:

Version:

5.0.0.102

Date:

Feb 18, 2025

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2, V3.2, V3.3 (Rev.B02 - B03)
NG800	V3.0 - V3.2
NB1601	V1.0 - V1.7
NB1800	V2.4 - V2.6
NB1810	V2.4 - V2.6
NB2800	V1.0 - V1.5
NB2810	V1.2
NB3701	V1.0 - V1.10
NB3800	V1.0 - V1.10

Unsupported Hardware:

NetModule Router
NB1300 Series
NB1600 Series
NB2200 Series
NB2300 Series
NB2500 Series
NB2600 Series
NB2700 Series
NB3700 Series
NB3711

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2 Introduction

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If Open Source Software contained in this product is licensed under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), or any other Open Source Software license, which requires that source code is to be made available and such source code is not already delivered together with the product. You can order the corresponding source code of the Open Source Software from NetModule AG - against payment of the shipping and handling charges - for a period of at least 3 years since purchase of the product.

Please send your specific request, within three years of the purchase date of this product, together with the name and ID number of the product to be found at the label of the product to:

Maulbeerstrasse 10
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Switzerland
info@netmodule.com
Tel +41 31 985 25 10
Fax +41 31 985 25 11

or reach out to our technical support at support@netmodule.com

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In any case, warranty claims on the software NRSW, Netmodule Router Software will expire, as long as the End Users cannot prove that the defect would also occur without these modifications.

Acknowledgements

This product includes:

- PHP, freely available from <http://www.php.net>
- Software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)
- Cryptographic software written by Eric Young (eyay@cryptsoft.com)
- Software written by Tim Hudson (tjh@cryptsoft.com)
- Software written Jean-loup Gailly and Mark Adler - MD5 Message-Digest Algorithm by RSA Data Security, Inc.
- An implementation of the AES encryption algorithm based on code released by Dr Brian Gladman
- Multiple-precision arithmetic code originally written by David Ireland
- Software from The FreeBSD Project (www.freebsd.org)
- Map and reverse geocoding tools using OpenStreetMap services (<http://wiki.openstreetmap.org>)
- An Internet metrics tool using Ookla Speedtest services (<http://www.speedtest.net>)

3 List of FOSS Products

This document contains notices and license documentation related to the Free and Open Source Software (FOSS) embedded in NRSW 5.0.0.102. All trademarks mentioned in this document are the property of their respective owners.

Table 1 shows the FOSS products and versions used in the product.

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
acme.sh	3.0.6	GPL-3.0-only	-
arena	1.0	BSD-3-Clause	http://sourceforge.net/projects/intend/files/former%20arena%20packages/
at	3.2.5	GPL-2.0-or-later	http://blog.calhariz.com/
avahi-daemon	0.8	LGPL-2.1-or-later	http://avahi.org
base-files	3.0.14	GPL-2.0-only	http://www.netmodule.com
base-passwd	3.5.52	GPL-2.0-only	https://launchpad.net/base-passwd
bash	5.1.16	GPL-3.0-or-later	http://tiswww.case.edu/php/chet/bash/bashtop.html
bc	1.07.1	GPL-3.0-or-later	http://www.gnu.org/software/bc/bc.html
bluez5	5.65	GPL-2.0-or-later LGPL-2.1-or-later	http://www.bluez.org
bofh	1.0	CLOSED	http://www.netmodule.com
bridge-utils	1.7.1	GPL-2.0-only	http://www.linuxfoundation.org/collaborate/workgroups/networking/bridge
bt-dbus	1.0	CLOSED	http://www.netmodule.com
busybox	1.35.0	GPL-2.0-only bzip2-1.0.4	https://www.busybox.net
busybox-syslog	1.35.0	GPL-2.0-only bzip2-1.0.4	https://www.busybox.net
busybox-udhcp	1.35.0	GPL-2.0-only bzip2-1.0.4	https://www.busybox.net
c-ares	1.18.1	MIT	http://daniel.haxx.se/projects/c-ares/
can-utils	2021.08.0	GPL-2.0-only BSD-3-Clause	http://elinux.org/Can-utils
cert-scripts	1.0	CLOSED	http://www.netmodule.com
cfconvert	1.0	CLOSED	http://www.netmodule.com
chrony	4.2	GPL-2.0-only	https://chrony.tuxfamily.org/
chronyc	4.2	GPL-2.0-only	https://chrony.tuxfamily.org/
cjson	1.7.19	MIT	https://github.com/DaveGamble/cJSON
cli	1.2	GPL-2.0-only	http://www.netmodule.com
configd	1.0	CLOSED	http://www.netmodule.com
conntrack-tools	1.4.6	GPL-2.0-or-later	-

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
coova-chilli	1.6	GPL-2.0-only	-
curl	7.82.0	curl	https://curl.se/
da9063-comparator-module	1.0	GPL-2.0-only	-
da9063-hwmon-module	1.0	GPL-2.0-only	-
dbus	1.14.8	AFL-2.1 GPL-2.0-or-later	https://dbus.freedesktop.org
dbus-common	1.14.8	AFL-2.1 GPL-2.0-or-later	https://dbus.freedesktop.org
dbus-lib	1.14.8	AFL-2.1 GPL-2.0-or-later	https://dbus.freedesktop.org
dbus-tools	1.14.8	AFL-2.1 GPL-2.0-or-later	https://dbus.freedesktop.org
devlog	1.0.1	CLOSED	http://www.netmodule.com
dhcpcd	9.4.1	BSD-2-Clause	http://roy.marples.name/projects/dhcpcd/
dio	git	CLOSED	http://www.netmodule.com
dnsmasq	2.90	GPL-2.0-only GPL-3.0-only	http://www.thekelleys.org.uk/dnsmasq/doc.html
dosfstools	4.2	GPL-3.0-only	https://github.com/dosfstools/dosfstools
dropbear	2020.81	MIT BSD-3-Clause BSD-2-Clause PD	http://matt.ucc.asn.au/dropbear/dropbear.html
e2fsprogs-e2fsck	1.46.5	GPL-2.0-only	http://e2fsprogs.sourceforge.net/
e2fsprogs-mke2fs	1.46.5	GPL-2.0-only	http://e2fsprogs.sourceforge.net/
e2fsprogs-tune2fs	1.46.5	GPL-2.0-only	http://e2fsprogs.sourceforge.net/
ebauthd	1.0	CLOSED	http://www.netmodule.com/
ebtables	2.0.11	GPL-2.0-only	http://sourceforge.net/projects/ebtables/
eth-modes	1.0	CLOSED	http://www.netmodule.com
ethtool	5.16	GPL-2.0-or-later	http://www.kernel.org/pub/software/network/ethtool/
eudev	3.2.9	GPL-2.0-or-later LGPL-2.1-or-later	https://wiki.gentoo.org/wiki/Eudev
event-manager	1.0	CLOSED	http://www.netmodule.com
expat	2.5.0	MIT	https://github.com/libexpat/libexpat
factory-reset	1.0	CLOSED	http://www.netmodule.com
firmware-ti-wl18xx	git	Firmware-ti-wl18xx	https://git.ti.com/cgi/wilink8-wlan/wl18xx_fw/
freeradius	3.0.27-1	GPL-2.0-only LGPL-2.0-or-later	http://www.freeradius.org/
freeradius-utils	3.0.27-1	GPL-2.0-only LGPL-2.0-or-later	http://www.freeradius.org/

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
frr	8.2.2	GPL-2.0-only LGPL-2.1-only	https://frrouting.org/
fuse	2.9.9	GPL-2.0-only LGPL-2.0-only	https://github.com/libfuse/libfuse
fuse-utils	2.9.9	GPL-2.0-only LGPL-2.0-only	https://github.com/libfuse/libfuse
gensio	2.3.1	GPL-2.0-only LGPL-2.1-only	https://github.com/cminyard/gensio
glib-2.0	2.72.3	LGPL-2.1-or-later PD	https://developer.gnome.org/glib/ PD
gmp	6.2.1	GPL-2.0-or-later LGPL-3.0-or-later	http://gmplib.org/
gnss-lib	1.0	CLOSED	http://www.netmodule.com
gnutls	3.7.4	LGPL-2.1-or-later	https://gnutls.org/
gpsd	3.23.1	BSD-2-Clause	-
gpsd-conf	3.23.1	BSD-2-Clause	-
gpsd-gpsctl	3.23.1	BSD-2-Clause	-
gpsd-scripts	3.23.1	BSD-2-Clause	-
gpsd-udev	3.23.1	BSD-2-Clause	-
haserl	0.9.35	GPL-2.0-only	-
haveged	1.9.18	GPL-3.0-only	https://www.issihosts.com/haveged/index.html
hostapd	2.10	BSD-3-Clause	http://w1.fi/hostapd/
hotspot	1.0	CLOSED	http://www.netmodule.com
htop	3.1.2	GPL-2.0-only	https://htop.dev
hydra-util	1.0	CLOSED	http://www.netmodule.com
igmpproxy	0.3	GPL-2.0-or-later	http://sourceforge.net/projects/igmpproxy/
init-ifupdown	1.0	GPL-2.0-only	http://packages.debian.org/ifupdown
iperf2	2.0.13	BSD-2-Clause	https://sourceforge.net/projects/iperf2/
iperf3	3.15	BSD-3-Clause	http://software.es.net/iperf/
iproute2	5.17.0	GPL-2.0-or-later	http://www.linuxfoundation.org/collaborate/workgroups/networking/iproute2
iproute2-ip	5.17.0	GPL-2.0-or-later	http://www.linuxfoundation.org/collaborate/workgroups/networking/iproute2
iproute2-tc	5.17.0	GPL-2.0-or-later	http://www.linuxfoundation.org/collaborate/workgroups/networking/iproute2
iptables	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-ah	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/

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Name	Version	License(s)	URL
iptables-module-ip6t-dnat	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-dnpt	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-dst	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-eui64	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-frag	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-hbh	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-hl	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-icmp6	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-ipv6header	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-log	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-masquerade	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-mh	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-netmap	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-redirect	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-reject	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-rt	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-snat	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-snpt	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ip6t-srh	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-ah	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-clusterip	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-dnat	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-ecn	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-icmp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-log	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-masquerade	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-netmap	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-portmap	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-realm	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-redirect	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-reject	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-snat	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-ttl	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-ipt-uloop	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-addrtype	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-audit	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-bpf	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-cgroup	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-checksum	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-classify	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-cluster	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/

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Name	Version	License(s)	URL
iptables-module-xt-comment	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-connbytes	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-connlimit	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-connmark	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-connsecmark	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-contrack	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-cpu	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-ct	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-dccp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-devgroup	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-dscp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-ecn	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-esp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-hashlimit	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-helper	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-hmark	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-idletimer	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-ipcomp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-iptrange	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-ipvs	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-led	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-length	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-limit	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-mac	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-mark	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-multiport	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-nfacct	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-nflog	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-nfqueue	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-osf	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-owner	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-physdev	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-pkttype	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-policy	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-quota	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-rateest	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-recent	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-rpfilter	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-sctp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-secmark	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-set	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
iptables-module-xt-socket	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-standard	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-statistic	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-string	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-synproxy	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tcp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tcpmss	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tcpoptstrip	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tee	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-time	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tos	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-tproxy	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-trace	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-u32	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-module-xt-udp	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
iptables-modules	1.8.7	GPL-2.0-or-later	http://www.netfilter.org/
ipupdate	1.1.1	UNL-1	-
ipv6calc	4.0.2	GPL-2.0-only	https://www.deepspace6.net/projects/ipv6calc.html
itxpt	1.0	CLOSED	http://www.netmodule.com
iw	5.19	BSD-1-Clause	http://wireless.kernel.org/en/users/Documentation/iw
jo	1.6	GPL-2.0-only	https://github.com/jpmens/jo
jq	1.6	MIT	https://stedolan.github.io/jq/
jraacd	1.0	CLOSED	http://www.netmodule.com
json-c	0.15	MIT	https://github.com/json-c/json-c/wiki
json-schema-validator	2.1.0	MIT	https://github.com/pboettch/json-schema-validator
jsoncpp	1.9.5	MIT	https://github.com/open-source-parsers/jsoncpp
jsqr	1.0	Apache-2.0	https://github.com/cozmo/jsQR
kernel-base	5.15	GPL-2.0-only	http://www.kernel.org
kernel-devicetree	5.15	GPL-2.0-only	http://www.kernel.org
kernel-image	5.15	GPL-2.0-only	http://www.kernel.org
kernel-image-zimage	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-act-ipt-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-act-mirred-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-act-police-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-act-skbedit-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-af-key-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ah4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
kernel-module-ah6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-am335x-wwan-audio	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-asix-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ax88179-178a-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ax88796b-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-bnep-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-board-descriptor-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-bpa10x-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-can-gw-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cdc-acm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cdc-ether-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cdc-mbim-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cdc-ncm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cdc-subset-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cfg80211-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
kernel-module-ch341-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cls-basic-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cls-flow-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cls-fw-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cls-route-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-cls-u32-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-compatible-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
kernel-module-da9063-comparator-5.15.197	1.0	GPL-2.0-only	-
kernel-module-da9063-hwmon-5.15.197	1.0	GPL-2.0-only	-
kernel-module-deflate-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ebt-log-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ebtable-filter-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ebtables-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-echainiv-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-em-cmp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-em-meta-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-em-nbyte-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-em-text-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-em-u32-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-esp4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-esp4-offload-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-esp6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-fou-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-fou6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ftdi-sio-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org

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Name	Version	License(s)	URL
kernel-module-gcm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-gf128mul-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ghash-generic-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-gre-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-hci-uart-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-hidp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-huawei-cdc-ncm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-hydra-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-ip-gre-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip-tables-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6-gre-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6-tables-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6-tunnel-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6t-reject-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6table-filter-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6table-mangle-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6table-nat-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ip6table-raw-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipcomp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipcomp6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipip-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipt-ah-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipt-ecn-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ipt-reject-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-iptable-filter-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-iptable-mangle-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-iptable-nat-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-iptable-raw-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-libarc4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-mac80211-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
kernel-module-md4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-mii-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-conncount-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-amanda-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-broadcast-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-ftp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-h323-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-irc-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org

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Name	Version	License(s)	URL
kernel-module-nf-contrack-netlink-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-pptp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-sip-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-snmp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-contrack-tftp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-defrag-ipv4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-defrag-ipv6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-log-syslog-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-amanda-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-ftp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-h323-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-irc-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-pptp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-sip-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-nat-tftp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-reject-ipv4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nf-reject-ipv6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-nfnetlink-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-pcie-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-pegasus-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-pl2303-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ppp-async-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ppp-generic-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ppp-mppe-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-pppoe-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-pppox-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-pptp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-qcserial-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-qmi-wwan-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-r8152-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-r8153-ecm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-rdp-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-regmap-spi-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-reset-reason-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-rfcomm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-rndis-host-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-codel-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-fq-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org

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Name	Version	License(s)	URL
kernel-module-sch-gred-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-hfsc-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-htb-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-ingress-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-pie-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-prio-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-red-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-sfq-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-tbf-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sch-teql-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sierra-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-sierra-net-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-slhc-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-hwdep-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-mixer-oss-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-pcm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-pcm-dmaengine-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-pcm-oss-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-rawmidi-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-soc-core-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-soc-davinci-mcasp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-soc-ti-edma-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-soc-ti-sdma-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-soc-ti-udma-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-timer-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-usb-audio-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-snd-usbmidi-lib-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-soundcore-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-system-info-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-ts-bm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ts-fsm-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-ts-kmp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-tun-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-tunnel4-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-tunnel6-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-usbnet-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-vcn-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-vxcan-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-wl18xx-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org

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Name	Version	License(s)	URL
kernel-module-wlcore-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
kernel-module-wlcore-sdio-5.15.197	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
kernel-module-wwan-codec-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-wwan-machine-5.15.197	1.0	GPL-2.0-only	http://www.netmodule.com
kernel-module-x-tables-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xfrm-algo-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xfrm-ipcomp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xfrm-user-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xfrm4-tunnel-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xfrm6-tunnel-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-addrtype-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-classify-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-comment-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-connbytes-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-connlimit-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-connmark-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-contrack-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-ct-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-dscp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-ecn-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-esp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-helper-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-hl-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-iprange-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-length-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-limit-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-log-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-mac-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-mark-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-masquerade-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-multiport-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-nat-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-netmap-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-owner-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-physdev-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-pkttype-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-policy-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-portmap-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-quota-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-recent-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-redirect-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org

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Name	Version	License(s)	URL
kernel-module-xt-state-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-statistic-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-string-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-tcpmss-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-tcpudp-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-xt-time-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-zlib-deflate-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-module-zlib-inflate-5.15.197	5.15	GPL-2.0-only	http://www.kernel.org
kernel-modules	5.15	GPL-2.0-only	http://www.kernel.org
led-manager	1.0	CLOSED	http://www.netmodule.com
libacl	2.3.1	LGPL-2.1-or-later	http://savannah.nongnu.org/projects/acl/
libatomic	11.5.0	GPL-3.0-with-GCC-exception	http://www.gnu.org/software/gcc/
libattr	2.5.1	LGPL-2.1-or-later	http://savannah.nongnu.org/projects/attr/
libavahi-client	0.8	LGPL-2.1-or-later	http://avahi.org
libavahi-common	0.8	LGPL-2.1-or-later	http://avahi.org
libavahi-core	0.8	LGPL-2.1-or-later	http://avahi.org
libcap	2.66	BSD-3-Clause GPL-2.0-only	http://sites.google.com/site/fullycapable/
libcap-bin	2.66	BSD-3-Clause GPL-2.0-only	http://sites.google.com/site/fullycapable/
libcomerr	1.46.5	GPL-2.0-only LGPL-2.0-only BSD-3-Clause MIT	http://e2fsprogs.sourceforge.net/
libcrypto	3.0.18	Apache-2.0	http://www.openssl.org/
libcurl	7.82.0	curl	https://curl.se/
libdaemon	0.14	LGPL-2.1-or-later	http://0pointer.de/lennart/projects/libdaemon/
libe2p	1.46.5	GPL-2.0-only LGPL-2.0-only BSD-3-Clause MIT	http://e2fsprogs.sourceforge.net/
libevent	2.1.12	BSD-3-Clause MIT	http://libevent.org/
libext2fs	1.46.5	GPL-2.0-only LGPL-2.0-only BSD-3-Clause MIT	http://e2fsprogs.sourceforge.net/
libffi	3.4.4	MIT	http://sourceware.org/libffi/
libgcc	11.5.0	GPL-3.0-with-GCC-exception	http://www.gnu.org/software/gcc/

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
libidn	1.36	LGPL-2.1-or-later LGPL-3.0-only	http://www.gnu.org/software/libidn/
libidn2	2.3.2	GPL-2.0-or-later LGPL-3.0-only Unicode-DFS-2016	http://www.gnu.org/software/libidn/
libiw	29	GPL-2.0-only	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html
libkmod	29	LGPL-2.1-or-later	http://kernel.org/pub/linux/utils/kernel/kmod/
liblzma	5.2.6	PD	https://tukaani.org/xz/
libmnl	1.0.4	LGPL-2.1-or-later	https://www.netfilter.org/projects/libmnl/index.html
libmodbus	3.1.7	LGPL-2.1-or-later	http://www.libmodbus.org/
libmosquitto1	2.0.22	EPL-2.0 EDL-1.0	http://mosquitto.org/
libmsos-utilities	1.0	CLOSED	http://www.netmodule.com/
libnetfilter-conntrack	1.0.9	GPL-2.0-or-later	http://www.netfilter.org/projects/libnetfilter_conntrack/index.html
libnfnetlink	1.0.1	GPL-2.0-or-later	http://www.netfilter.org/projects/libnfnetlink/index.html
libnl	3.5.0	LGPL-2.1-only	http://www.infradead.org/~tgr/libnl/
libnl-genl	3.5.0	LGPL-2.1-only	http://www.infradead.org/~tgr/libnl/
libnl-tiny	2.1	LGPL-2.0-only	-
libnsl2	2.0.0	LGPL-2.1-only	https://github.com/thkukuk/libnsl
libpcap	1.10.1	BSD-3-Clause	http://www.tcpdump.org/
libpci	3.7.0	GPL-2.0-or-later	http://atrey.karlin.mff.cuni.cz/~mj/pciutils.shtml
libpcre	8.45	BSD-3-Clause	http://www.pcre.org
libpcre2	10.40	BSD-3-Clause	http://www.pcre.org
libpython3	3.10.19	PSF-2.0	http://www.python.org
libseccomp	2.5.3	LGPL-2.1-only	https://github.com/seccomp/libseccomp
libsodium	1.0.18	ISC	http://libsodium.org/
libssh2	1.10.0	BSD-3-Clause	http://www.libssh2.org/
libssl	3.0.18	Apache-2.0	http://www.openssl.org/
libstdc++	11.5.0	GPL-3.0-with-GCC-exception	http://www.gnu.org/software/gcc/
libstorage	1.0.0	CLOSED	http://www.netmodule.com/
libtalloc	2.3.3	LGPL-3.0-or-later GPL-3.0-or-later	http://talloc.samba.org
libtar	1.2.20	MIT	http://www.feep.net/libtar

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
libtirpc	1.3.2	BSD-3-Clause	http://sourceforge.net/projects/libtirpc/
libubox	1.0.1	GPL-2.0-only	-
libudev	3.2.9	LGPL-2.1-or-later	https://wiki.gentoo.org/wiki/Eudev
libulockmgr	2.9.9	GPL-2.0-only LGPL-2.0-only	https://github.com/libfuse/libfuse
libunistring	1.0	LGPL-3.0-or-later GPL-2.0-or-later	http://www.gnu.org/software/libunistring/
libwpa-client	2.10	BSD-3-Clause	http://w1.fi/libwpa-client/
libwrap	7.6	BSD-1-Clause	http://www.softpanorama.org/Net/Network_security/TCP_wrappers/
libxml2	2.9.14	MIT	https://gitlab.gnome.org/GNOME/libxml2
libyaml	0.2.5	MIT	https://pyyaml.org/wiki/LibYAML
libyang	2.0.164	BSD-3-Clause	https://github.com/CESNET/libyang
lighttpd	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-access	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-accesslog	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-dirlisting	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-evasive	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-fastcgi	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-indexfile	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-openssl	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-redirect	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-rewrite	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-setenv	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
lighttpd-module-staticfile	1.4.67	BSD-3-Clause	http://www.lighttpd.net/
link-manager	1.0	CLOSED	http://www.netmodule.com
lldpd	1.0.8	ISC	-
logrotate	3.20.1	GPL-2.0-only	https://github.com/logrotate/logrotate/
lpa	1.0	CLOSED	http://www.netmodule.com
lxc	4.0.12	LGPL-2.1-only GPL-2.0-only	-
lzo	2.10	GPL-2.0-or-later	http://www.oberhumer.com/opensource/lzo/
mac80211	6.6.15	GPL-2.0-only	https://backports.wiki.kernel.org
mgetty	1.2.0	GPL-2.0-only	http://mgetty.greenie.net
mmc-utils-nm	1.0	GPL-2.0-only	https://git.kernel.org/pub/scm/linux/kernel/git/cjb/mmc-utils.git
mobile-ip	1.0	CLOSED	http://www.netmodule.com
modutils-initscripts	1.0	MIT	-

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
mosquitto	2.0.22	EPL-2.0 EDL-1.0	http://mosquitto.org/
mstpd	0.1.0	GPL-2.0-only	https://github.com/mstpd/mstpd
musl	1.2.3	MIT	http://www.musl-libc.org/
ncurses-libncursesw	6.3	MIT	http://www.gnu.org/software/ncurses/ncurses.html
ncurses-libtinfo	6.3	MIT	http://www.gnu.org/software/ncurses/ncurses.html
ncurses-terminfo-base	6.3	MIT	http://www.gnu.org/software/ncurses/ncurses.html
ndisc6-rdisc6	1.0.8	GPL-2.0-only	http://www.remlab.net/ndisc6/
ndisc6-rdnssd	1.0.8	GPL-2.0-only	http://www.remlab.net/ndisc6/
net-snmp-client	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-lib-agent	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-lib-helpers	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-lib-mibs	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-lib-netsnmp	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-libs	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-mibs	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
net-snmp-server-snmpd	5.9.3	BSD-3-Clause MIT	http://www.net-snmp.org/
netbase	6.3	GPL-2.0-only	http://packages.debian.org/netbase
nettle	3.7.3	LGPL-3.0-or-later GPL-2.0-or-later	http://www.lysator.liu.se/~nisse/nettle/
network-init-scripts	1.0	CLOSED	http://www.netmodule.com
nmutils	1.0.0	CLOSED	http://www.netmodule.com/
nrsw-files	1.0.0	CLOSED	http://www.netmodule.com
nrsw-sysvinit	1.0.0	CLOSED	http://www.netmodule.com
nrsw-sysvinit-inittab	1.0.0	CLOSED	http://www.netmodule.com
onig	6.9.4	BSD-2-Clause	https://github.com/kkos/oniguruma
openssh-sftp-server	8.9p1	BSD-2-Clause BSD-3-Clause ISC MIT	http://www.openssh.com/
openssl-bin	3.0.18	Apache-2.0	http://www.openssl.org/
openssl-conf	3.0.18	Apache-2.0	http://www.openssl.org/
openssl-ossf-module-legacy	3.0.18	Apache-2.0	http://www.openssl.org/

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
openvpn	2.5.11	GPL-2.0-only	https://openvpn.net/
parrotlog	1.0	CLOSED	http://www.netmodule.com
pdb	1.0	CLOSED	http://www.netmodule.com
php-cgi	8.1.33	PHP-3.0	http://www.php.net
popt	1.18	MIT	https://www.rpm.org/
poptop	1.4.0	GPL-2.0-only	-
ppp	2.4.9	BSD-3-Clause BSD-3-Clause-Attribution GPL-2.0-or-later LGPL-2.0-or-later PD	http://samba.org/ppp/
ppp-oe	2.4.9	BSD-3-Clause BSD-3-Clause-Attribution GPL-2.0-or-later LGPL-2.0-or-later PD	http://samba.org/ppp/
pptp-linux	1.10.0	GPL-2.0-or-later	http://pptpclient.sourceforge.net
pugixml	1.12	MIT	https://pugixml.org/
qosd	1.0	CLOSED	http://www.netmodule.com
qrcodejs	1.0	MIT	https://github.com/davidshimjs/qrcodejs
radcli	1.3.0	BSD-2-Clause	-
readline	8.1.2	GPL-3.0-or-later	https://tiswww.case.edu/php/chet/readline/rltop.html
relayd	0.0.1	GPL-2.0-only	-
reset-monitor	1.0	CLOSED	http://www.netmodule.com
rp-pppoe	3.13	GPL-2.0-only	http://www.roaringpenguin.com/products/pppoe
rs485-tool	1.0	CLOSED	http://www.netmodule.com
rsync	3.2.7	GPL-3.0-or-later	http://rsync.samba.org/
run-postinsts	1.0	MIT	-
sdkhost	1.0	CLOSED	http://www.netmodule.com
ser2net	4.3.5	GPL-2.0-only	http://sourceforge.net/projects/ser2net/
shadow	4.11.1	BSD-3-Clause	http://github.com/shadow-maint/shadow
shadow-base	4.11.1	BSD-3-Clause	http://github.com/shadow-maint/shadow
shadow-securetty	4.6	MIT	-
shared-mime-info	2.1	GPL-2.0-only	http://freedesktop.org/wiki/Software/shared-mime-info
smcroute	2.5.5	GPL-2.0-or-later	http://troglobit.github.io/smcroute.html

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
smsd	1.0	CLOSED	http://www.netmodule.com
sofia-sip	1.12.11	LGPL-2.1-only	http://sofia-sip.sourceforge.net/
softflowd	0.9.9	BSD-3-Clause	https://www.mindrot.org/projects/softflowd
sscep	0.10.0	SSCEP-1	-
ssmtp	2.64	GPL-2.0-only	http://packages.qa.debian.org/s/ssmtp.html
storage	1.0.0	CLOSED	http://www.netmodule.com/
strace	5.16	LGPL-2.1-or-later GPL-2.0-or-later	http://strace.io
strongswan	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-aes	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-attr	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-blowfish	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-constraints	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-curl	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-des	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-dnskey	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-eap-md5	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-eap-mschapv2	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-eap-radius	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-eap-tls	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-hmac	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-kdf	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-kernel-netlink	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-md4	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-md5	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-nonce	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-openssl	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pem	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pgp	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pkcs1	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pkcs12	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pkcs7	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-pubkey	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-random	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-rc2	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-resolve	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-revocation	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-sha1	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-sha2	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-socket-default	5.9.13	GPL-2.0-only	http://www.strongswan.org

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
strongswan-plugin-stroke	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-updown	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-x509	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-xauth-generic	5.9.13	GPL-2.0-only	http://www.strongswan.org
strongswan-plugin-xcbc	5.9.13	GPL-2.0-only	http://www.strongswan.org
surveyor	1.0	CLOSED	http://www.netmodule.com
swupdate	1.0	CLOSED	http://www.netmodule.com
system-info	1.0	CLOSED	http://www.netmodule.com
system-reboot-poweroff	1.0	CLOSED	http://www.netmodule.com
tcpdump	4.99.4	BSD-3-Clause	http://www.tcpdump.org/
tcpser	1.0rc12	GPL-2.0-only	http://www.jbrain.com/pub/linux/serial
tinyalsa	1.0	BSD-3-Clause	https://github.com/tinyalsa/tinyalsa
tzdata-core	2025b	PD	https://www.iana.org/time-zones
ubx-cel-log	0.1	u-blox-ubx-cel-log	www.u-blox.com
ubx-trace	0.1	CLOSED	http://www.netmodule.com
unzip	6.0	Info-ZIP	http://www.info-zip.org
update-alternatives-opkg	0.5.0	GPL-2.0-or-later	http://git.yoctoproject.org/cgi/cgit.cgi/opkg-utils
update-init-script	1.0	CLOSED	http://www.netmodule.com
usb-ids	1.0	GPL-3.0-only	http://www.linux-usb.org/
util-linux-flock	2.37.4	MIT	https://en.wikipedia.org/wiki/Util-linux
util-linux-libblkid	2.37.4	LGPL-2.1-or-later	https://en.wikipedia.org/wiki/Util-linux
util-linux-libfdisk	2.37.4	LGPL-2.1-or-later	https://en.wikipedia.org/wiki/Util-linux
util-linux-libmount	2.37.4	LGPL-2.1-or-later	https://en.wikipedia.org/wiki/Util-linux
util-linux-libsmartcols	2.37.4	LGPL-2.1-or-later	https://en.wikipedia.org/wiki/Util-linux
util-linux-libuuid	2.37.4	BSD-3-Clause	https://en.wikipedia.org/wiki/Util-linux
util-linux-sfdisk	2.37.4	GPL-1.0-or-later	https://en.wikipedia.org/wiki/Util-linux
util-linux-sulogin	2.37.4	GPL-2.0-or-later	https://en.wikipedia.org/wiki/Util-linux
voice-daemon	1.0	CLOSED	http://www.netmodule.com
vrtpd	1.15	GPL-2.0-only	http://www.sourceforge.net/projects/vrrpd
vsftpd	3.0.5	GPL-2.0-only	https://security.appspot.com/vsftpd.html
watchdog	1.0	CLOSED	http://www.netmodule.com

Table 1: FOSS Products and Versions

Name	Version	License(s)	URL
web-interface	1.0	CLOSED	http://www.netmodule.com
wireless-regdb-static	2024.01.23	ISC	http://wireless.kernel.org/en/developers/Regulatory/CRDA
wireless-tools	29	GPL-2.0-only	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html
wpa-supPLICant	2.10	BSD-3-Clause	http://w1.fi/wpa-supPLICant/
wwan-manager	1.0	CLOSED	http://www.netmodule.com
wwanmd	1.0	CLOSED	http://www.netmodule.com
www-scripts	1.0	CLOSED	http://www.netmodule.com
xz	5.2.6	PD GPL-2.0-or-later	https://tukaani.org/xz/
zeromq	4.3.4	LGPL-3.0-or-later	http://www.zeromq.org
zip	3.0	Info-ZIP	http://www.info-zip.org
zlib	1.2.11	Zlib	http://zlib.net/

4 License Texts

4.1 acme.sh - v3.0.6

GPL-3.0-only

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Version 3, 29 June 2007

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```
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4.2 arena - v1.0

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4.3 at - v3.2.5

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4.4 avahi-daemon - v0.8

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4.5 base-files - v3.0.14

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4.6 base-passwd - v3.5.52

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4.7 bash - v5.1.16

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4.10 bofh - v1.0

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006

4.14 busybox-syslog - v1.35.0

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006

4.15 busybox-udhcpc - v1.35.0

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006

4.16 c-ares - v1.18.1

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* * Definitions for CAN network layer (socket addr / CAN frame / CAN filter) * * Authors: Oliver Hartkopp
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4.20 chrony - v4.2

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4.22 cJSON - v1.7.19

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4.23 cli - v1.2

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4.26 coova-chilli - v1.6

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4.27 curl - v7.82.0

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4.34 devlog - v1.0.1

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4.38 dosfstools - v4.2

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4.39 dropbear - v2020.81

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4.45 eth-modes - v1.0

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4.46 ethtool - v5.16

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4.47 eudev - v3.2.9

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4.48 event-manager - v1.0

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4.49 expat - v2.5.0

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4.50 factory-reset - v1.0

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4.51 firmware-ti-wl18xx - vgit

Firmware-ti-wl18xx

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4.52 freeradius - v3.0.27-1

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4.55 fuse - v2.9.9

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4.56 fuse-utils - v2.9.9

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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Version 2.1, February 1999

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4.59 gmp - v6.2.1

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This package may include either wpa_supplicant, hostapd, or both. See README file respective subdirectories (wpa_supplicant/README or hostapd/README) for more details.

Source code files were moved around in v0.6.x releases and compared to earlier releases, the programs are now built by first going to a subdirectory (wpa_supplicant or hostapd) and creating build configuration (.config) and running 'make' there (for Linux/BSD/cygwin builds).

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4.70 hotspot - v1.0

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4.71 http - v3.1.2

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4.72 hydra-util - v1.0

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4.75 iperf2 - v2.0.13

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4.77 iproute2 - v5.17.0

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4.84 iptables-module-ip6t-dst - v1.8.7

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4.89 iptables-module-ip6t-icmp6 - v1.8.7

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4.91 iptables-module-ip6t-log - v1.8.7

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4.95 iptables-module-ip6t-redirect - v1.8.7

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4.97 iptables-module-ip6t-rt - v1.8.7

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4.110 iptables-module-ipt-realm - v1.8.7

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4.143 iptables-module-xt-led - v1.8.7

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4.162 iptables-module-xt-secmark - v1.8.7

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4.165 iptables-module-xt-standard - v1.8.7

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4.180 ipupdate - v1.1.1

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4.185 jq - v1.6

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4.188 json-schema-validator - v2.1.0

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4.189 jsoncpp - v1.9.5

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4.191 kernel-base - v5.15

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4.202 kernel-module-am335x-wwan-audio - v1.0

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4.207 kernel-module-board-descriptor-5.15.197 - v1.0

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4.220 kernel-module-cls-route-5.15.197 - v5.15

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4.224 kernel-module-da9063-hwmon-5.15.197 - v1.0

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4.226 kernel-module-ebt-log-5.15.197 - v5.15

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4.233 kernel-module-em-text-5.15.197 - v5.15

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4.235 kernel-module-esp4-5.15.197 - v5.15

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4.250 kernel-module-ip-tables-5.15.197 - v5.15

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4.252 kernel-module-ip6-tables-5.15.197 - v5.15

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4.254 kernel-module-ip6t-reject-5.15.197 - v5.15

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4.255 kernel-module-ip6table-filter-5.15.197 - v5.15

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4.256 kernel-module-ip6table-mangle-5.15.197 - v5.15

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4.259 kernel-module-ipcomp-5.15.197 - v5.15

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4.263 kernel-module-ipt-ecn-5.15.197 - v5.15

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4.265 kernel-module-iptables-filter-5.15.197 - v5.15

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4.276 kernel-module-nf-contrack-broadcast-5.15.197 - v5.15

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4.287 kernel-module-nf-log-syslog-5.15.197 - v5.15

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4.293 kernel-module-nf-nat-pptp-5.15.197 - v5.15

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4.311 kernel-module-r8153-ecm-5.15.197 - v5.15

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4.313 kernel-module-regmap-spi-5.15.197 - v5.15

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4.324 kernel-module-sch-prio-5.15.197 - v5.15

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4.343 kernel-module-snd-soc-ti-udma-5.15.197 - v5.15

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4.363 kernel-module-x-tables-5.15.197 - v5.15

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4.382 kernel-module-xt-iptable-5.15.197 - v5.15

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4.384 kernel-module-xt-limit-5.15.197 - v5.15

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4.389 kernel-module-xt-multiport-5.15.197 - v5.15

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4.400 kernel-module-xt-state-5.15.197 - v5.15

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4.402 kernel-module-xt-string-5.15.197 - v5.15

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4.408 kernel-modules - v5.15

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4.409 led-manager - v1.0

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4.410 libacl - v2.3.1

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4.413 libavahi-client - v0.8

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one

that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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4.414 libavahi-common - v0.8

LGPL-2.1-or-later

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the

terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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4.415 libavahi-core - v0.8

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4.419 libcrypto - v3.0.18

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4.422 libe2p - v1.46.5

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That's all there is to it!

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4.423 libevent - v2.1.12

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4.424 libext2fs - v1.46.5

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Version 3, 29 June 2007

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4.427 libidn - v1.36

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4.429 libiw - v29

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4.431 liblzma - v5.2.6

PD

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4.433 libmodbus - v3.1.7

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4.434 libmosquitto1 - v2.0.22

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4.435 libmsos-utilities - v1.0

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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4.439 libnl-genl - v3.5.0

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4.440 libnl-tiny - v2.1

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4.442 libpcap - v1.10.1

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4.444 libpcre - v8.45

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

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4.448 libsodium - v1.0.18

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4.452 libstorage - v1.0.0

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4.454 libtar - v1.2.20

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4.458 libulockmgr - v2.9.9

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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4.463 libyaml - v0.2.5

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4.465 **lighttpd - v1.4.67**

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4.477 link-manager - v1.0

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4.479 logrotate - v3.20.1

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4.497 net-snmp-lib-agent - v5.9.3

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4.498 net-snmp-lib-helpers - v5.9.3

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4.501 net-snmp-libs - v5.9.3

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4.502 net-snmp-mibs - v5.9.3

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4.503 net-snmp-server-snmpd - v5.9.3

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4.516 openvpn - v2.5.11

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4.520 popt - v1.18

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4.522 ppp - v2.4.9

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/* Unix SMB/CIFS implementation.

trivial database library

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PD

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4.531 reset-monitor - v1.0

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4.533 rs485-tool - v1.0

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4.535 run-postinsts - v1.0

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4.538 shadow - v4.11.1

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4.541 shared-mime-info - v2.1

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4.542 smcroute - v2.5.5

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4.543 smsd - v1.0

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4.545 softflowd - v0.9.9

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4.546 sscep - v0.10.0

SSCEP-1

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4.547 ssmtp - v2.64

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4.548 storage - v1.0.0

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4.549 strace - v5.16

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11. Standard Essential Patents: Depending on which option Customer has chosen, either one or the other of the following terms apply: Premium option terms: Subject to the conditions and limitations of these General Terms and Conditions, u-blox shall cover the Customer for any claim brought against the Customer provided such claim is alleging the modules purchased by the Customer directly from u-blox has infringed patents which are essential ("Standard Essential Patents") for the 2G, 3G and/or 4G standards (as defined below) as follows: If a third party raises a justified claim against Customer within two (2) years of the date of delivery by u-blox, u-blox shall enter into negotiations with the third party for a fair, reasonable and nondiscriminatory (FRAND) license from the third party for the modules. u-blox has no obligation to enter into such negotiations if (i) the owner of the Standard Essential Patent claims royalties from downstream users and not from module manufacturers, or (ii) Use Restrictions defined hereunder are infringed or, (iii) the Customer (or the Customer's customer) has been granted a license for such Standard Essential Patents. In circumstances mentioned under (i), u-blox shall indemnify Customer up to the amount of a fair, reasonable and nondiscriminatory license fee which the owner of the Standard Essential Patent would obtain directly from u-blox for the infringement by u-blox's module. u-blox will only cover the Customer if the Customer (a) gives u-blox prompt written notice of any alleged or threatened claim, (b) allows u-blox on its request to control the defense and/or settlement of such claim, (c) does not make any admission as to liability or agree to any settlement without first obtaining u-blox's written consent and (d) provides to u-blox all reasonable cooperation and information as may be requested by u-blox. Prime option terms: Customer is entitled to use u-

blox's modules based on the Standard Essential Patents licenses granted to u-blox at the date of the quote/offer to Customer for the relevant Cellular Product Use Restriction category (as defined below). New Standard Essential Patent licenses entered into by u-blox after the date of the quotation/offer may result in price increases to reflect increased royalty costs. The Premium option terms do not apply. Conditions to Standard Essential Patents coverage: Customer represents not to have a license for Standard Essential Patents and shall indemnify u-blox in case of any breach of this representation. ublox shall not cover the Customer with respect to any claims arising out of or relating to either (a) the use or incorporation in the module of any design, technique or specification originating from, furnished or requested by the Customer if the infringement would not have occurred without such use or incorporation (b) the combination by Customer of the Products (or elements thereof) or incorporation into the modules (or elements thereof) of any other product, software, process, material, component, service, data or subassembly if the infringement would not have occurred without such combination or incorporation (c) Customer not complying with any method or process in which the modules must be used (but this shall not apply when the modules are used by Customer on a standalone basis) (d) the modification of the module by the Customer or any person or entity other than u-blox, if the infringement would not have occurred without such modification (e) any suit or allegation initiated by Customer (by way of example a counter claim), (f) Customer's failure to use modules or instructions provided by u-blox that would have avoided the infringement or (g) the use of the modules by Customer other than as permitted in the General Terms and Conditions and any related documentation. This Clause states the entire liability and obligation of u-blox and the exclusive remedy of the Customer with respect to any alleged or actual infringement of patents, copyrights, trade secrets, trademarks, or other intellectual property rights.

12. Cellular Product Use Restrictions "2G means": recognized standards officially promulgated by one or more standards setting organizations defining GSM, GPRS, EDGE, GERAN, and TETRA. "3G means": recognized standards officially promulgated by one or more standards setting organizations defining CDMA family of standards (e.g., CDMA2000 1xRTT, CDMA2000 EV-DV, CDMA2000 EV-DO Rev A and B); TD-CDMA and TD-SCDMA; WCDMA (FDD and TDD) Releases 99 and 4 through 7; UMTS and any HSPA specifications (e.g., HSDPA, HSUPA and HSPA+) included in Releases 8-10 and subsequent releases, both within the 3rd Generation Partnership Project (3GPP). "4G" means: recognized standards officially promulgated by one or more standards setting organizations: (i) any and all releases of OFDM-based standards resulting from the Long Term Evolution (LTE) project, the Long Term Evolution Advanced (LTE Advanced) project and the Long Term Evolution Advanced Pro (LTE-A Pro) project, each within the 3GPP, beginning with Release 8 and any and all subsequent releases, and all improvements and revisions thereto; and (ii) the IEEE standard known as 802.16. For the purpose of clarity, 4G Licensed Standards includes, but is not limited to, those standards referred to as LTE Cat 0, LTE Cat M, LTE Cat 1, LTE CAT 4, LTE CAT 6, NB-IoT, and all LPWA and LTE versions (including these and other low-power categories that may eventually be included in a 4G or 5G release, if such categories are LTE air interface based) or included in an LPWA evolution of mMTC based technology. "4G" according to this Agreement does not include any audio including voice-primarily video codec that may be referenced in such 3GPP specifications, e.g. Advanced Audio Coding (AAC), Enhanced Voice Services (EVS), High Efficiency Video Coding (HEVC) or Versatile Video Coding (VVC) and their evolutions. "Embedded Application" means the use of any assembly, module or modem card, including any 3G or 4G modem, embedded within another product in such a way that such assembly, module or modem card is not attachable to or detachable from such other product by an end-user consumer without the use of a tool. A Cellular Product as indicated in u-blox's order confirmation is subject to the following use restrictions ("Use Restrictions"): "M2M" means a module designed, marketed or sold for use by businesses and consumers principally to allow machines and devices (Devices) to communicate with each other or exchange data without, or with minimum, human interface or interaction. An M2M Device's functionality and use is not primarily related to wireless voice communications and is for permanent integration into a complete Device or item of equipment. Examples of a M2M Device includes: (1) utility meter, (2) vending machine, (3) cargo container, (4) ATM machine, (5) POS device, (6) remote monitoring, automation and control system, (7) digital sign or digital billboard, (8) portable health care device or medical apparatus used to treat a medical condition (e.g., a defibrillator), (9) alarm or security system, or (10) portable tracking

devices that are primarily utilized to track people, pets, livestock, wildlife or goods, provided that all of the aforementioned equipment or devices (i) either (A) are data only (i.e. does not support two-way voice communications and does not provide or incorporate any direct connectors and/or pins which are dedicated for audio input/output or a microphone or a means of interfacing a microphone (whether by wire or wireless connection) to such device), or (B) are only capable of transmitting and receiving two-way voice communications to and from a maximum of ten (10) pre-programmed telephone numbers that can only be altered in a set-up mode, and which can be called i) automatically (for example in an emergency, accident or intrusion detection) provided that the Device is not primarily designed to be a 3G or 4G Handset, (ii) cannot provide a wireless hotspot for other subscriber Devices by means of a 3G or 4G wireless technology, and iii) is not a 2G router. For clarity, a 2G M2M module primarily designed for M2M functionality but that has limited voice capability in normal mode of operation is M2M. "Connected Vehicles" means a module that is used only for permanent integration into a device that cannot be attached or detached from a vehicle by an end user without losing the capability to initiate or receive wireless communication transmissions and is not defined in the "Telematics" use restrictions definition, below. "Consumer" means a module that must be physically integrated into a device which is a) designed, marketed or sold for use by individuals for entertainment, communications or productivity purposes and not for manufacture and whose primary functionality and use is not related to wireless voice communications and which falls in one of following product categories: cameras, pc card modems, USB sticks, PNDs, mobile computing, gaming, and similar entertainment, communication or productivity devices or b) a computer, including without limitation, a personal computer, laptop, tablet, e-reader, netbook, Mobile Internet Device (MID), or Ultra Mobile Personal Computer (UMPC), or security device. "Handset" means a 3G or 4G module used in a terminal unit that must be physically integrated into a device marketed and sold for use in a terminal product in final form ready for use by the end user (or substantially completed in a partially or assembled form for final manufacturing, packaging, sale and distribution) that (a) contains the necessary hardware and/or software to enable voice communications (including without limitation using a cellular voice channel, VOIP, or otherwise) without the need to be coupled to another device (though the need to be coupled to a separate microphone or speaker, such as a Bluetooth earpiece (e.g., a watch phone) shall not disqualify a product from being a Handset); and (b) is designed to be easily carried on one's person (e.g., in one's hand, on one's wrist, on one's ear, or in one's pocket) or in one's vehicle. By way of example, Handset includes, without limitation, devices commonly referred to in the industry as low/voice centric phones, smart phones, feature phones, enhanced phones, multimedia-centric phones, smartwatches, wireless-enabled desktop phones, car phones, and wireless-enabled PDAs, but does not include, without limitation, Consumer Electronic Devices, M2M Devices, or Wireless Modules. "Telematics" means a module that is used only for permanent integration into a device which (i) is incorporated into and is not detachable from an automobile, truck, bus or ship, and ii) is not capable of initiating or receiving 3G or 4G communication unless such device is physically and electrically connected to an automobile, truck, bus or ship, and iii) is data only, provided that the device may be pre-programmed or configured to make one-way calls to no more than ten (10) telephone numbers (for example, to send alerts in an emergency, accident, receive instruction, or intrusion or similar event), and iv) is not capable of providing a wireless hotspot for, or two-way voice communications with, another device, and v) does not provide any of the following capabilities: navigation assistance, streaming video, streaming audio, web browsing, or other infotainment services. A Telematics module cannot be attached or detached from the vehicle by an end user consumer without losing the capability to initiate or receive wireless communication transmissions. A Telematics module may also be referred to as a "Fleet Tracking Device" module. "Laptop" means a module that is used only for permanent integration into a complete end-user terminal that (i) is designed primarily for use as a personal computer, (ii) includes a keyboard with a minimum of 26 keys, (iii) has a non-foldable screen with a screen size of at least 7 inches diagonal (or across its largest dimension), (iv) weighs at least 12 ounces, and (v) includes a tracking/pointing stick, touch screen, rollerball or touchpad to move the cursor. The Laptop Module cannot be attached or detached from the terminal by an end-user consumer without the use of a tool. "3G Other", "4G Other" are 3G or 4G modules which do not fall into any of the above categories. In-band modem features may only be used for emergency purposes. Acknowledgment of Use Restrictions: Customer

expressly acknowledges and agrees that the Cellular Products purchased by Customer from u-blox may be used by Customer only for the limited purposes specified in the applicable Use Restriction(s). Audit: Upon u-blox's reasonable request, made at any time during a five (5) year period following delivery of Products, Customer agrees to provide u-blox with access to its books, records and customer contracts solely to enable u-blox to confirm that Customer has complied with the Use Restrictions set forth herein. Third Party Beneficiary: The parties expressly acknowledge and agree that in the event of Customer's breach of the Use Restrictions, u-blox's Standard Essential Patent licensors shall be regarded as third-party beneficiaries ("Third Party Beneficiary") solely for the purposes of enforcing the terms of this Clause. Furthermore u-blox may assign its right to collect any additional royalties owed to the Third-Party Beneficiary who may collect such additional royalties directly from the Customer (instead of u-blox collecting such additional royalties on behalf of the Third-Party Beneficiary).

13. Software Licenses: u-blox grants Customer a non-exclusive, nontransferable, worldwide license to use the u-blox software provided to Customer to the extent necessary to operate and use the u-blox hardware. u-blox application software may be modified and sublicensed to the extent necessary for Customer and its own customers to operate and use the Products. The software and the Third-Party Software provided by u-blox is licensed pursuant to the applicable license terms identified hereunder, in a separate agreement, in the applicable source code file(s) and/or file header(s) provided in/with the software, respectively the Third-Party Software, or in the open source software terms as published on www.u-blox.com (Terms & conditions) or on the indicated website (e.g. github), which may be amended by u-blox from time to time. RIL Software License: In case Customer purchases u-blox cellular Products (2G, 3G, 4G modem modules family) and requires a license to use the radio interface layer ("RIL") Software ("RIL Software"), the following terms shall apply: u-blox grants Customer a worldwide, non-exclusive, non-transferable, perpetual, without the right to sublicense, free of charge license to compile the RIL Software's source code ("Source Code") into object code format in Customer's platform containing the Product for the development, production (including production by Customer's subcontractors), sale, distribution, support and demonstration of Customer products ("RIL Software License"). Customer, except where explicitly stated otherwise, furthermore acknowledges and agrees: (i) not to use, copy, modify, port, translate, or otherwise reproduce or create derivative works of the RIL Software without the prior written permission of u-blox; (ii) not to decompile, disassemble, reverse engineer or attempt to reconstruct, identify, discover or disclose any Source Code, underlying user interface techniques or algorithms of the RIL Software; (iii) to reproduce the proprietary notices contained in the RIL Software and to include the applicable copyright notice each time the RIL Software is distributed; (iv) that it must have the appropriate licenses from operating system providers to develop and distribute products with the operating system; (v) to refrain from all illegal conduct and to fulfill all legal requirements placed upon Customer to perform its obligations hereunder; (vi) to not knowingly distribute the RIL Software to any person who infringes the copyright holder's rights to the RIL Software; (vii) to not distribute or provide access to the Source Code in the open source community or to provide it to general public libraries and to not knowingly take any action that would cause the Source Code to be placed in the public domain; (viii) to ensure the execution of reasonable measures to protect the confidentiality and security of the Source Code (including but not limited to: access only to a controlled group of individuals, no permission to work on development or modification of any competitive software, keep hard disk copies on password protected computers only, no transfer of soft copies across any Internet link except when password protected, keep all hard copies secured, immediately inform u-blox of any unauthorized use or disclosure, cooperate with u-blox to remedy such use or disclosure). In the event of a material violation of these provisions, which has not been cured within thirty (30) days of receipt of written notice from u-blox, u-blox shall be entitled to immediately terminate this license agreement. In such event, Customer shall immediately provide all Source Code to u-blox and certify compliance with these obligations. The RIL Software is delivered on an "as is" basis without warranty, representation or condition of any kind, including without limitation, the implied warranties or conditions of merchantable quality and fitness for a particular purpose. u-blox represents to Customer that, to the best of its knowledge, the RIL Software does not infringe any intellectual property rights of any third party. In no event shall u-blox or its licensors (including their respective licensors or suppliers) be liable for any loss of data, re-procurement costs, loss of revenues, loss of profits, loss of use or for

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14.Liability: u-blox excludes any liability for any support services. u-blox's maximum cumulative liability is limited to the lesser of CHF 100,000 or the total payment received by u-blox from Customer during the previous twelve (12) months for the Products giving rise to liability, irrespective of the orders placed by Customer. Any liability which is not expressly mentioned under the General Terms and Conditions and any liability, without limitation, for indirect or consequential damages, loss of profit, irrespective of the grounds on which it is based (including late, partial or no delivery, infringement of intellectual property rights, tort, contract or strict liability), is excluded by ublox to the maximum extent authorized by law. u-blox's liability applies only to Products that are identified as "Initial Production", "Mass Production" or "End of Life". Customer using or selling Products in devices or systems where malfunction can result in personal injury or casualties, do so at their own risk and agree to hold u-blox harmless from any claims, liabilities or damages as a consequence. The use or sale of Products in countries subject to different regulations and standards than those in force at u-blox's place of production, are at Customer's risk. u-blox will only be liable towards the Customer as per the terms hereof, if the Customer (a) informs u-blox immediately of any issue in the Products giving rise to liability hereunder and cooperates with u-blox to remedy such issue, (b) gives u-blox prompt written notice of any alleged or intended claim with regard to the Products by the Customer or a third party, (c) allows u-blox on its request to control the defense and/or settlement of any claim for which u-blox has an obligation to indemnify hereunder, (d) does not make any admission as to liability or agree to any settlement without first obtaining u-blox's written consent, and (e) provides to u-blox all reasonable cooperation and information as may be requested by u-blox. In the event that, following the notification of an issue giving rise to liability hereunder and prior to written certification by u-blox that the issue has been remedied, the Customer makes new or additional order/s for Product/s bearing such issue, u-blox shall not be liable and shall not indemnify the Customer for any such new or additional order/s.

15.Indemnification: Customer shall indemnify and hold u-blox harmless against any and all damages, liabilities, penalties, fines, costs, and expenses, including attorneys' fees, arising out of claims, suit, allegations or charges of Customer's failure to comply with the General Terms and Conditions.

16.Ownership: Ownership of the Hardware shall remain with u-blox until receipt of full payment. No intellectual property rights are assigned or sold.

17.Pledge or Lien: The Customer shall have no pledge or lien on the Product prior to payment.

18.Technical Information: Instructions, recommendations, data and drawings in summaries, brochures, datasheets, manuals, catalogues and on u-blox' website are not binding and do not constitute a warranty (express, implied or statutory). u-blox may modify such information at any time without notice.

19.Product Change Notification: u-blox may change Products or discontinue a product according to its product change notification procedure.

20.Confidentiality: Unless a confidentiality agreement applies between the parties (which shall take precedence), the following terms shall apply: technical, financial or commercial information (including the business relationship) disclosed by u-blox to Customer shall be treated by Customer as strictly

confidential and may not be copied, modified or disclosed to third parties by Customer. u-blox reserves the right to share Customer's information with third parties in order to fulfill legitimate business interests or to comply with legal requirements (including but not limited to sharing with u-blox's auditors or u-blox's licensors' auditors, as required by a court order, subpoena or government investigation).

21. Termination: Either party may terminate a quote, order or license upon the other party's insolvency, bankruptcy, liquidation or filing of any application therefore, seizure of the other party's assets or assignment to the benefit of its creditors. u-blox may terminate a quote, order and/or license with immediate effect in case of a material breach of the Customer's obligations (including but not limited to breach of Use Restrictions). u-blox may terminate a quote, order, delivery, and/or license in case a third-party claim prohibits u-blox to develop, produce, provide, sell or offer for sale a Product, software or license.

22. Export Control and Regulatory Requirements: Customer represents that the Product will not be shipped to any countries subject to embargo, export controls or other restrictions under any applicable law or regulation and that he/she is not on a denied person or entity list. At u-blox's request, Customer will sign a letter confirming the above. Customer is obliged to comply with the regulatory requirements applying to each Product as indicated in the respective Product's documentation (e.g., U.S. FCC or IC regulations).

23. Assignment: Customers forbidden to assign its rights and/or obligations in part or entirely to a third party without u-blox's written approval.

24. Force Majeure: u-blox shall not be liable for any failure or delay in performance, to the extent the failure or delay is caused by circumstances beyond its reasonable control, whether caused to u-blox directly or to one of its suppliers, which may include (but shall not be limited to) natural disasters, epidemics, diseases, acts or threats of terrorism, cyber-attacks, fire, flood, explosion or other similar or dissimilar acts of God, acts of war, unrest, hostilities (whether war be declared or undeclared), operational disturbances without fault, shortages of components, changes in applicable rules and regulations, strikes, embargo or other acts of governmental or quasi-governmental restrictions or intervention, public disorder, discontinuity of internet or other network access and other unavoidable events. u-blox reserves the right to reschedule any date/s and adjust any price/s in relation to such performance; and Customer shall not be entitled to cancel the order and/or terminate the Agreement due to such failure or delay.

25. Severability: If any term of the General Terms and Conditions is or becomes illegal, invalid or unenforceable in any applicable jurisdiction, this shall not affect the legality, validity or enforceability of any other term of the General Terms and Conditions, and such term shall be replaced by the term that comes closest to its intended economic purpose to the maximum extent authorized by law.

26. Law and Jurisdiction: All contracts between the Parties are subject to Singapore material law for Customers located in the Asia Pacific region (APAC) and English material law for Customers located in the rest of the world, excluding any conflicts of law provisions. In the event of any dispute in the APAC region, the place of venue shall be the courts of Singapore and for any dispute in the rest of the world, the place of venue shall be the courts of London, except where u-blox raises a claim at the Customer's place of residence or at the place of delivery, whereupon the dispute shall be heard in the nearest court to such location.

27. Survival: Clauses 2, 12 to 16, and 19 to 24 shall survive termination of the General Terms and Conditions.

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Version 2, June 1991

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Version 3, 29 June 2007

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4.601 util-linux-flock - v2.37.4

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the

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4.604 util-linux-libmount - v2.37.4

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order to permit linking those libraries into non-free programs.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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4.605 util-linux-libsmartcols - v2.37.4**LGPL-2.1-or-later**

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4.606 util-linux-libuuid - v2.37.4

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4.607 util-linux-sfdisk - v2.37.4

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4.608 util-linux-sulogin - v2.37.4

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4.616 wpa-supPLICANT - v2.10

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wpa_supPLICANT and hostapd _____

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Source code files were moved around in v0.6.x releases and compared to earlier releases, the programs are now built by first going to a subdirectory (wpa_supPLICANT or hostapd) and creating build configuration (.config) and running 'make' there (for Linux/BSD/cygwin builds).

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4.621 zeromq - v4.3.4

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5 Change History

Version	Date	Name	Reason
1.0	Feb 18, 2025	Felix Kopf	Final Version

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