



Sierra Wireless Source Licenses

WP77xx Release 11

Legato Release 18.09.2

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SOURCE CODE LICENSES – LEGATO APPLICATION FRAMEWORK

The Legato Application Framework is licensed under [Mozilla Public License Version 2.0 \(MPLv2\)](#). There are exceptions that are handled on a case-by-case basis and are documented in the source code. For the current list of exceptions visit legato.io.

SOURCE CODE LICENSES – LINUX DISTRO

Licensing Notes

GDB server is licensed under GPLv2 and GPLv3 Licenses. As of Legato 16.10.3, gdbserver has been removed from the Linux Distro and the binaries have been added to the Legato AF App, devMode. There is no longer any need to rebuild the Linux Kernel before deploying Target Devices to production. See [devMode](#) and [how to debug with GDB](#) for help on installing and using GDB in the Legato AF.

The following packages are licensed under GPLv3 with GCC Exception. See [GCC Runtime Library Exception](#)

- libgcc, version 1.4.7.2
- libstdc++6, version 4.7.2

The following packages can be licensed under [GPLv2](#) OR [GPLv3](#), per customer preference as specified in the source file headers.

- dnsmasq, version 2.71

The following tables contain the source packages, version and applicable license that are used to build the Linux Distro for WP and AR Devices.

WP77xx Series Modules

Package	Version	Recipe	License
acdbloader	git	acdbloader	Qualcomm-Technologies-Inc.-Proprietary
acdbmapper	git	acdbmapper	Qualcomm-Technologies-Inc.-Proprietary
acdbrtac	git	acdbrtac	Qualcomm-Technologies-Inc.-Proprietary
adiertac	git	adiertac	Qualcomm-Technologies-Inc.-Proprietary
alsa-intf	1.0	alsa-intf	Apache-2.0
attr	2.4.47	attr	GPLv2+
audcal	git	audcal	Qualcomm-Technologies-Inc.-Proprietary
audcaltests	git	audcaltests	Qualcomm-Technologies-Inc.-Proprietary

Package	Version	Recipe	License
audioalsa	git	audioalsa	Qualcomm-Technologies-Inc.-Proprietary
base-files	3.0.14	base-files	GPLv2
base-passwd	3.5.29	base-passwd	GPLv2+
bluez5	5.50	bluez5	GPLv2+ & LGPLv2.1+
bridge-utils	1.5	bridge-utils	GPLv2
bsdiff	4.3-21	bsdiff	BSD
bsdtar	3.2.2	libarchive	BSD
busybox	1.24.1	busybox	GPLv2 & bzip2
busybox-inittab	99	busybox-inittab	GPLv2
busybox-syslog	1.24.1	busybox	GPLv2 & bzip2
busybox-udhcpc	1.24.1	busybox	GPLv2 & bzip2
bzip2	1.0.6	bzip2	bzip2
ca-certificates	20160104	ca-certificates	GPL-2.0+ & MPL-2.0
configdb	git	configdb	Qualcomm-Technologies-Inc.-Proprietary
conntrack-tools	1.4.2	conntrack-tools	GPLv2+
crda	3.18	crda	copyleft-next-0.3.0
cryptsetup	1.7.2	cryptsetup	GPL-2.0-with-OpenSSL-exception
curl	7.58.0	curl	MIT
data	git	data	Qualcomm-Technologies-Inc.-Proprietary
data-oss	git	data-oss	BSD
dbus	1.10.10	dbus	AFL-2 GPLv2+
dbus-lib	1.10.10	dbus	AFL-2 GPLv2+
device-mapper	1.02.28	device-mapper	GPL-2.0-with-OpenSSL-exception
diag	git	diag	Qualcomm-Technologies-Inc.-Proprietary
diag-reboot-app	git	diag-reboot-app	Qualcomm-Technologies-Inc.-Proprietary
dnsmasq	2.78	dnsmasq	GPLv2 GPLv3
dropbear	2017.75	dropbear	MIT & BSD-3-Clause & BSD-2-Clause & PD
dsutils	git	dsutils	Qualcomm-Technologies-Inc.-Proprietary
embms-kernel	git	embms-kernel	ISC
expat	2.2.0	expat	MIT

Package	Version	Recipe	License
fs-scrub-daemon	1.0	fs-scrub-daemon	Qualcomm-Technologies-Inc.-Proprietary
glib-2.0	2.48.2	glib-2.0	LGPLv2+ & BSD & PD
glibc	2.24	glibc	GPLv2 & LGPLv2.1
gps-utils	git	gps-utils	BSD
hostapd	2.6	hostapd	GPLv2 BSD
i2cgpioctl	1.0	i2cgpioctl	GPLv2
ima-evm-utils	1.1	ima-evm-utils	GPL-2.0-with-OpenSSL-exception
init-ifupdown	1.0	init-ifupdown	GPLv2
init-mss	git	init-mss	BSD
initscripts	1.0	initscripts	GPLv2
initscripts-functions	1.0	initscripts	GPLv2
initscripts-runenv	1.0	initscripts	GPLv2
iproute2	4.7.0	iproute2	GPLv2+
iproute2-tc	4.7.0	iproute2	GPLv2+
iptables	1.6.0	iptables	GPLv2+
iw	4.7	iw	BSD
json-c	0.12	json-c	MIT
kernel-base	3.18.44	linux-quic	GPLv2
kernel-module-ansi-cprng	3.18.44	linux-quic	GPLv2
kernel-module-arc4	3.18.44	linux-quic	GPLv2
kernel-module-at803x	3.18.44	linux-quic	GPLv2
kernel-module-ath3k	3.18.44	linux-quic	GPLv2
kernel-module-bluetooth	3.18.44	linux-quic	GPLv2
kernel-module-bluetooth-power	3.18.44	linux-quic	GPLv2
kernel-module-bmi160	3.18.44	linux-quic	GPLv2
kernel-module-bnep	3.18.44	linux-quic	GPLv2
kernel-module-btsdio	3.18.44	linux-quic	GPLv2
kernel-module-btusb	3.18.44	linux-quic	GPLv2
kernel-module-ccm	3.18.44	linux-quic	GPLv2
kernel-module-cfg80211	3.18.44	linux-quic	GPLv2

Package	Version	Recipe	License
kernel-module-crc7	3.18.44	linux-quic	GPLv2
kernel-module-ctr	3.18.44	linux-quic	GPLv2
kernel-module-embms-kernel	git	embms-kernel	ISC
kernel-module-ftdi-sio	3.18.44	linux-quic	GPLv2
kernel-module-gpio-axis	3.18.44	linux-quic	GPLv2
kernel-module-gpio-event	3.18.44	linux-quic	GPLv2
kernel-module-gpio-input	3.18.44	linux-quic	GPLv2
kernel-module-gpio-matrix	3.18.44	linux-quic	GPLv2
kernel-module-gpio-output	3.18.44	linux-quic	GPLv2
kernel-module-hci-uart	3.18.44	linux-quic	GPLv2
kernel-module-hci-vhci	3.18.44	linux-quic	GPLv2
kernel-module-mac80211	3.18.44	linux-quic	GPLv2
kernel-module-michael-mic	3.18.44	linux-quic	GPLv2
kernel-module-mmc-block-test	3.18.44	linux-quic	GPLv2
kernel-module-mmc-test	3.18.44	linux-quic	GPLv2
kernel-module-qca8337	3.18.44	linux-quic	GPLv2
kernel-module-qcom-emac	3.18.44	linux-quic	GPLv2
kernel-module-quota-tree	3.18.44	linux-quic	GPLv2
kernel-module-quota-v1	3.18.44	linux-quic	GPLv2
kernel-module-quota-v2	3.18.44	linux-quic	GPLv2
kernel-module-rfcomm	3.18.44	linux-quic	GPLv2
kernel-module-seqiv	3.18.44	linux-quic	GPLv2
kernel-module-test-iosched	3.18.44	linux-quic	GPLv2
kernel-module-usbserial	3.18.44	linux-quic	GPLv2
kernel-module-wl1251	3.18.44	linux-quic	GPLv2
kernel-module-wl12xx	3.18.44	linux-quic	GPLv2
kernel-module-wl18xx	3.18.44	linux-quic	GPLv2
kernel-module-wlcore	3.18.44	linux-quic	GPLv2
kernel-module-wlcore-sdio	3.18.44	linux-quic	GPLv2
kernel-module-xt-physdev	3.18.44	linux-quic	GPLv2

Package	Version	Recipe	License
kernel-modules	3.18.44	linux-quick	GPLv2
keyutils	1.5.10	keyutils	GPL-2.0
legato-init	1.0	legato-init	MPL-2.0
libarchive	3.2.2	libarchive	BSD
libattr	2.4.47	attr	LGPLv2.1+
libbz2	1.0.6	bzip2	bzip2
libcap	2.25	libcap	BSD GPLv2
libcap-bin	2.25	libcap	BSD GPLv2
libcrypto	1.0.2n	openssl	openssl
libcurl	7.58.0	curl	MIT
libelf	0.166	elfutils	(GPLv3 & Elfutils-Exception)
libffi	3.2.1	libffi	MIT
libgcc	6.2.0	libgcc	GPL-3.0-with-GCC-exception
libkmod	23+gitAUTOINC+65a885df5f	kmod	LGPL-2.1+
libmnl	1.0.4	libmnl	LGPLv2.1+
libnetfilter-contrack	1.0.4	libnetfilter-contrack	GPLv2+
libnetfilter-cthelper	1.0.0	libnetfilter-cthelper	GPLv2+
libnetfilter-cttimeout	1.0.0	libnetfilter-cttimeout	GPLv2+
libnetfilter-queue	1.0.2	libnetfilter-queue	GPLv2+
libnfnetlink	1.0.1	libnfnetlink	GPLv2+
libnl	3.2.28	libnl	LGPLv2.1
libnl-genl	3.2.28	libnl	LGPLv2.1
libopencore-amr	0.1.3	libopencore-amr	Apache-2.0
libpcap	1.7.4	libpcap	BSD
libpcre	8.39	libpcre	BSD
libpython2	2.7.12	python	PSFv2
libssl	1.0.2n	openssl	openssl
libstdc++	6.2.0	gcc-runtime	GPL-3.0-with-GCC-exception
libudev	3.2	eudev	LGPL-2.1+
libvo-amrwbenc	0.1.3	libvo-amrwbenc	Apache-2.0

Package	Version	Recipe	License
libxml2	2.9.7	libxml2	MIT
linkmon	1.0	linkmon	MPL-2.0
loc-hal	git	loc-hal	BSD
loc-pla	git	loc-pla	BSD
loc-stub	git	loc-stub	BSD
lzo	2.09	lzo	GPLv2+
mbim	git	mbim	Qualcomm-Technologies-Inc.-Proprietary
modem-shutdown	1.0	modem-shutdown	Qualcomm-Technologies-Inc.-Proprietary
modutils-initscripts	1.0	modutils-initscripts	PD
mtd-utils	1.5.2	mtd-utils	GPLv2+
mtd-utils-ubifs	1.5.2	mtd-utils	GPLv2+
ncurses-libncurses	6.0+20160625	ncurses	MIT
ncurses-libtinfo	6.0+20160625	ncurses	MIT
ncurses-terminfo-base	6.0+20160625	ncurses	MIT
netbase	5.3	netbase	GPLv2
openssl	1.0.2n	openssl	openssl
openssl-conf	1.0.2n	openssl	openssl
packagegroup-core-boot	1.0	packagegroup-core-boot	MIT
packagegroup-swi-image-target	1.0	packagegroup-swi-image-target	MIT
pimd	2.1.8	pimd	BSD-3-Clause
popt	1.16	popt	MIT
powerapp	1.0	powerapp	Apache-2.0
powerapp-powerconfig	1.0	powerapp	Apache-2.0
powerapp-reboot	1.0	powerapp	Apache-2.0
powerapp-shutdown	1.0	powerapp	Apache-2.0
ppp	2.4.7	ppp	BSD & GPLv2+ & LGPLv2+ & PD
procps	3.3.12	procps	GPLv2+ & LGPLv2+
psm	git	psm	Qualcomm-Technologies-Inc.-Proprietary
pugixml	1.4	pugixml	MIT
python-core	2.7.12	python	PSFv2

Package	Version	Recipe	License
python-lang	2.7.12	python	PSFv2
python-re	2.7.12	python	PSFv2
python-readline	2.7.12	python	PSFv2
qmi	git	qmi	Qualcomm-Technologies-Inc.-Proprietary
qmi-client-helper	git	qmi-client-helper	Qualcomm-Technologies-Inc.-Proprietary
qmi-framework	git	qmi-framework	Qualcomm-Technologies-Inc.-Proprietary
qmi-shutdown-modem	git	qmi-shutdown-modem	Qualcomm-Technologies-Inc.-Proprietary
qmi-simple-ril	git	qmi-simple-ril	Qualcomm-Technologies-Inc.-Proprietary
qmuxd	git	qmuxd	Qualcomm-Technologies-Inc.-Proprietary
readline	5.2	readline	GPLv2+
reboot-daemon	1.0	reboot-daemon	BSD
rng-tools	5	rng-tools	GPLv2
run-postinsts	1.0	run-postinsts	MIT
shadow	4.2.1	shadow	BSD Artistic-1.0
shadow-base	4.2.1	shadow	BSD Artistic-1.0
shadow-securetty	4.2.1	shadow-securetty	MIT
sierra	git	sierra	SierraWireless-Proprietary
sierra-init-tiwifi	1.0	sierra-init-tiwifi	MPL-2.0
sierra-m2m-init	1.0	sierra-m2m-init	SierraWireless-Proprietary
sierra-timeservices	1.0	sierra-timeservices	SierraWireless-Proprietary
start-scripts-find-partitions	1.0	start-scripts-find-partitions	BSD
start-scripts-firmware-links	1.0	start-scripts-firmware-links	BSD
start-scripts-ipa-fws	1.0	start-scripts-ipa-fws	Qualcomm-Technologies-Inc.-Proprietary
start-scripts-mssboot	1.0	start-scripts-mssboot	Qualcomm-Technologies-Inc.-Proprietary
swicert	git	swicert	SierraWireless-Proprietary
swidssd	git	swidssd	SierraWireless-Proprietary
system-core-adbd	1.0	system-core	Apache-2.0
system-core-libcutils	1.0	system-core	Apache-2.0
system-core-liblog	1.0	system-core	Apache-2.0
system-core-usb	1.0	system-core	Apache-2.0

Package	Version	Recipe	License
thermal-engine	git	thermal-engine	Qualcomm-Technologies-Inc.-Proprietary
ti-wifi-utils-wl18xx	R8.6+gitAUTOINC+cf8965aad7	ti-wifi-utils-wl18xx	BSD
time-genoff	git	time-genoff	Qualcomm-Technologies-Inc.-Proprietary
time-services	git	time-services	Qualcomm-Technologies-Inc.-Proprietary
tzdata	2018d	tzdata	PD & BSD & BSD-3-Clause
tzone-utils	1.0	tzone-utils	MPLv2
update-alternatives-opkg	0.3.2+gitAUTOINC+3ffece9bf1	opkg-utils	GPLv2+
update-ld-cache	1.0	update-ld-cache	MPLv2
update-rc.d	0.7	update-rc.d	GPLv2+
util-linux-libuuid	2.28.1	util-linux	GPLv2+ & LGPLv2.1+ & BSD
util-linux-sulogin	2.28.1	util-linux	GPLv2+ & LGPLv2.1+ & BSD
wl18xx-firmware	r8.a9.14	wl18xx-firmware	TI-TSPA
wpa-supPLICANT	2.6	wpa-supPLICANT	BSD
wpa-supPLICANT-cli	2.6	wpa-supPLICANT	BSD
wpa-supPLICANT-passphrase	2.6	wpa-supPLICANT	BSD
xmllib	git	xmllib	Qualcomm-Technologies-Inc.-Proprietary
zlib	1.2.11	zlib	Zlib

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bzip.2

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
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```

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```
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GPL-3.0 GCC exception

GCC RUNTIME LIBRARY EXCEPTION
Version 3.1, 31 March 2009

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Version 3, 29 June 2007

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