This directory contains a variety of experimental drivers, system processes and utilities, including:#

- drivers that have various bug fixes and improvements over those found in QNX Momentics 6.5.0 SP1 and QNX SDP 6.6
- drivers that have been provided as a source code reference only
- new drivers which have been developed since the release of QNX Momentics 6.5.0 SP1 or QNX SDP 6.6
- drivers developed by 3rd parties

See the individual release notes for each driver, for additional details.

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Network Drivers#

2015-12-02 **UPDATED!** Latest io-pkt Network drivers for QNX Momentics 6.5.0 SP1 and QNX SDP 6.6!

6.5.0 SP1 - x86#

Date	Module	OS Version	Target System	Description
2015-12-02	latest io-pkt network drivers for 6.5.0 SP1 x86	6.5.0 SP1	x86	Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smsc9500.so, devnp-speedo.so, devnp-rtl8169.so

6.5.0 SP1 - armle-v7#

Date	Module	OS Version	Target System	Description
2015-12-02	latest io-pkt network drivers for 6.5.0 SP1 armle-v7	6.5.0 SP1	armle-v7	Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smsc9500.so, devnp-speedo.so

SDP 6.6.0 - x86#

Date	Module	OS Version	Target System	Description
2015-12-02	latest io-pkt network drivers for SDP 6.6.0 x86	QNX SDP 6.6.0	x86	Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smsc9500.so, devnp-speedo.so, devnp-rtl8169.so

SDP 6.6.0 - armle-v7#

Date	Module	OS Version	Target System	Description
2015-12-02	latest io-pkt network drivers for SDP 6.6.0 armle-v7	QNX SDP 6.6.0	armle-v7	Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smsc9500.so

DVFS Manager

Experimental archive containing Dynamic Voltage and Frequency Scaling (DVFS) managers for TI OMAP5 and Freescale i.MX6x SoCs (Client Utilities and config files are now contained in the target BSPs)

Last Update	Module	Documentation	Description
2016-04-21 **Updated!**	DVFS manager	DVFS User Guide	Experimental DVFS Manager and Documentation

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NEW! - libspi-master.a and spi-master for QNX 6.5.0 SP1 and QNX SDP 6.6#

Experimental archive containing libspi-master.a and the spi-master binary, for x86 and armle-v7

Date	Module	SPI Framework Documentation
2014-12-17 **New!**	libspi-master.a	here

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UPDATED! - Next Generation PCIe support for QNX SDP 6.6!!

Updated PCIe Framework for QNX SDP 6.6 - pre-release version available now!

Date	Module	Provider
2016-06-01 **Updated!**	PCIe Server Archive & Documentation	QNX

x86 BSP with Updated PCIe Framework for QNX SDP 6.6

Date	Module	BSP Documentation	PCIe Server Documentation	Provider
2015-04-29 **Updated!**	x86 BSP with new PCIe server	Documentation	PCIe documentation	QNX

NEW! - Mini-Driver example BSP and documentation for SDP 6.6#

Experimental archive containing a version of the Freescale i.MX6x Sabre ARD BSP that has been modified to support mini-driver functionality, along with the documentation describing the mini-driver support

Date	Module	BSP Documentation	mini-driver Documentation
2014-09-24 **New!**	Sabre ARD/AI BSP with mini-driver support	BSP User Guide	Mini-driver documentation

UPDATED! Intel HD audio driver and mixer Source code archive#

Latest versions of deva-intel-hda.so and deva-mixer-hda.so, with source code

Date	Module	OS version(s)	Architecture	Release Note	Status	Provider	Download	Description
2015-08-22 **Updated!**	deva-intel-hda.so, deva-mixer-hda.so	6.5.0 SP1	x86	here	Experimental	QNX	here	Latest versions of deva-intel-hda.so and deva-mixer-hda.so, with source code

Graphics Drivers#

Updated graphics drivers for QNX Momentics 6.4.1, 6.5.0, and 6.5.0 SP1. For questions, issues, and general discussion of these drivers, go here

Date	Module	OS version(s)	Architecture	Documentation	Release Note	Status	Provider	Download	Description
2013-02-18 **Updated!**	devg-i830.so	6.4.1, 6.5.0, 6.5.0 SP1	x86	here	here	Experimental	QNX	here	updated graphics driver for Intel i830 graphics controllers

Date	Module	OS version(s)	Architecture	Documentation	Release Note	Status	Provider	Download	Description
2014-05-19 **Updated!**	devg-intelhd.so	6.5.0, 6.5.0 SP1	x86	here	here	Experimental	QNX	here	updated graphics driver for Intel HD graphics controllers

Date	Module	OS version(s)	Architecture	Documentation	Release Note	Status	Provider	Download	Description
2012-09-24	devg-matroxp.so	6.5.0, 6.5.0 SP1	x86	n/a	here	Experimental	QNX	here	updated graphics driver for Matrox

									P690 graphics controllers

WiFi Drivers#

Last Update	Module	Description
2015-08-07	WiLink8	Updated WiLink8 driver, wpa (hostapd + wpa_supplicant), and TI utilities

Last Update	Module	Documentation	Release Notes	Description	Provider
2013-06-06	AR6003 WIFI Driver & config files	User Manual	here	Wireless driver for AR6003 SDIO Wifi on Freescale i.MX6Q Sabrelite	Silex

devf-generic NOR flash driver, and MTD Library#

Latest devf-generic NOR flash driver and MTD library, with source code, for QNX Momentics 6.5.0 and 6.5.0 SP1

Last Update	Module	Description
2014-12-16 **Updated!**	devf-generic (with source), libmtd-flash.a (with source), libfs-flash3.so (binary only)	Latest versions of devf-generic, libmtd-flash.a, and libfs-flash3.a

SPI source archive#

Experimental archive containing the source code to libspi.a, libspi-master, spi-master, and a sample SPI driver (mx51-ecspi). Unsupported, for reference only.

Last Update	Module	SPI Framework Documentation	Description
2013-03-28 **New!**	SPI source code archive & Readme	here	Experimental SPI source code archive

devb-eide Source Code Archive#

NDA-free source code archive for the devb-eide driver

Date	Module	OS version(s)	Architecture	Documentation	Release Note	Status	Provider	Download	Description
2012-09-26	devb-eide	6.5.0, 6.5.0 SP1	x86, ppcbe, ppcbe-spe, armle, armle-v7	here	here	Experimental - see release notes for details	QNX	here	experimental source code archive for devb-eide driver

More coming soon!#