

# The Bazaar Directory#

This directory contains software provided by the community. Information about these packages and the packages themselves are offered to you on Foundry27 as-is for your convenience; i.e. as provided by community members.

Interested in contributing or in advertising your software? Contact the [QNX Community Management Group](#).

## QNX Neutrino Downloads#

Software running on the QNX Neutrino operating system.

| Category  | Name                                  | Description   | Version | License   | Supplier                            | Download                |
|-----------|---------------------------------------|---|---------|-----------|-------------------------------------|-------------------------|
| Boot      | f32qldr                               | FAT32 QNX loader  | 1.0.1   | Apache II | <a href="#">Dennis Kelly</a>        | <a href="#">SRC+BIN</a> |
| Boot      | qnxldsys                              | DOS Device Driver to load QNX   | 1.0.0   | Apache II | <a href="#">QNX</a>                 | <a href="#">SRC+BIN</a> |
| Boot      | pxqldr                                | PXE QNX loader  | 1.0.0   | Apache II | <a href="#">QNX</a>                 | <a href="#">SRC+BIN</a> |
| Data Mgmt | Raima Database Manager (RDM) Embedded | Database management system that provides data storage, data retrieval and data manipulation capabilities for an embedded or real-time application | latest  | custom    | <a href="#">Birdstep Technology</a> | <a href="#">SDK</a>     |
| Data Mgmt | Raima Database Manager (RDM) Mobile   | Small footprint database specifically designed for use on small devices such as PDAs, mobile phones and embedded computers                        | latest  | custom    | <a href="#">Birdstep Technology</a> | <a href="#">SDK</a>     |
| Data Mgmt | Raima Database Manager (RDM) Server   | Scaleable client-server system using a combined database model (the network and relational models)  | latest  | custom    | <a href="#">Birdstep Technology</a> | <a href="#">SDK</a>     |

|            |                                    |   |        |  |                                     |                            |
|------------|------------------------------------|---|--------|--|-------------------------------------|----------------------------|
| Disk Mgmt  | q4img                              | Sector-based backup/restore for QNX4-file systems   | 1.0.0  | <a href="#">GPL 2.0</a>                  | <a href="#">Dennis Kelly</a>        | <a href="#">SRC+BIN</a>    |
| Java       | JamaicaVM                          | Full featured implementation of J2SE for real-time and embedded systems   | V3.0   | custom                                   | <a href="#">aicas</a>               | <a href="#">BIN</a>        |
| Java       | <a href="#">Perc Ultra</a>         | The Java Virtual Machine that provides high performance, compiled environments supporting execution of Java platform applications on QNX. | latest | obtained by request                      | Aonix                               | <a href="#">PERC ultra</a> |
| Office     | QNX port of Mozilla Sunbird        | Calendar management   | 0.7pre | <a href="#">Mozilla Foundation EULA</a>  | <a href="#">Crank Software Inc.</a> | <a href="#">BIN</a>        |
| Office     | QNX port of Mozilla Thunderbird    | E-mail Client   | 2.0    | <a href="#">Mozilla Thunderbird EULA</a> | <a href="#">Crank Software Inc.</a> | <a href="#">BIN</a>        |
| Networking | Barracuda Embedded Web Server demo | Two precompiled servers specifically designed for loading and enabling the development of Lua Server Pages (LSP) applications             | latest | custom                                   | <a href="#">RealTime Logic</a>      | <a href="#">SDK DEMO</a>   |
| Networking | CyaSSL                             | SSL/micro-SSL/TLS Client and Server   | latest | GPL or Custom                            | <a href="#">yaSSL</a>               | <a href="#">SRC</a>        |
| Networking | ConfD                              | ConfD is an XML-based software application used to build carrier-grade, on-device network management systems including CLI,               | latest | custom                                   | <a href="#">Tail-f Systems</a>      | <a href="#">SDK</a>        |

|            |                                       |   |         |                                      |                                       |                         |
|------------|---------------------------------------|---|---------|--------------------------------------|---------------------------------------|-------------------------|
|            |                                       | Web, SNMP, and NETCONF interfaces                                       |         |                                      |                                       |                         |
| Networking | lrzsz                                 | Communication package providing the XMODEM, YMODEM and ZMODEM protocols | 0.12.20 | <a href="#">GPL 2.0</a>              | QNX                                   | <a href="#">SRC BIN</a> |
| Networking | Mocana Certificate Management         | Simple Certificate Enrollment Protocol (SCEP)                           | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana EAP                            | Framework and Transport Mechanism for AAA protocols                     | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana IPSec/IKE/IKEv2                | Security Protocols  | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana Radius Client                  | Radius Client   | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana SSL/TLS Server                 | SSL/TLS Server  | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana SSH Client                     | SSH Client  | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | Mocana SSH Server                     | SSH Server  | latest  | custom                               | <a href="#">mocana corporation</a>    | <a href="#">SDK</a>     |
| Networking | QNX port of Asterisk                  | Open Source IP PBX  | 1.4.2   | <a href="#">GPL 2.0</a>              | <a href="#">Digium</a>                | <a href="#">SRC</a>     |
| Networking | QNX port of Mozilla Firefox           | Web browser   | 2.0     | <a href="#">Mozilla Firefox EULA</a> | <a href="#">Crank Software Inc.</a>   | <a href="#">BIN</a>     |
| Networking | SNMPv3 Agent x86 SDK Binary Library   | For QNX Neutrino 6.3  | 8.3     | custom                               | <a href="#">NuDesign Technologies</a> | <a href="#">SDK</a>     |
| Networking | Visual MIBBuilder                     | visual MIB building application in SMIV1 / SMIV2 grammar                | 4.7     | custom                               | <a href="#">NuDesign Technologies</a> | <a href="#">SDK</a>     |
| Networking | Visual Embedded xAgentBuilder for C++ | SNMPv3/ HTTP Agent Source Code and Project File Generation Wizard       | 7.3     | custom                               | <a href="#">NuDesign Technologies</a> | <a href="#">SDK</a>     |
| Networking | Visual MIBBrowser Pro                 | SNMPv3 Management Application   | 7.2     | custom                               | <a href="#">NuDesign Technologies</a> | <a href="#">SDK</a>     |

|            |                             |  |        |                         |                                       |                         |
|------------|-----------------------------|--|--------|-------------------------|---------------------------------------|-------------------------|
| Networking | Visual SNMP Traffic Monitor | Capture, custom filtering, decoding, storage and retrieval application | 3.2    | custom                  | <a href="#">NuDesign Technologies</a> | <a href="#">SDK</a>     |
| Networking | yaSSL                       | SSL/TLS Client and Server  | latest | GPL or Custom           | <a href="#">yaSSL</a>                 | <a href="#">SRC</a>     |
| Security   | TaoCrypt                    | Cryptography library   | latest | GPL or Custom           | <a href="#">yaSSL</a>                 | <a href="#">SRC</a>     |
| Tools      | ctags                       | Generates an index of names found in source and header files           | 5.2.3  | <a href="#">GPL 2.0</a> | QNX                                   | <a href="#">SRC BIN</a> |
| Tools      | qcrash                      | Helps reading kernel dump  | 1.0.0  | Apache II               | Yao Zhao                              | <a href="#">SRC+BIN</a> |
| Tools      | sysinfo                     | Gathers system information for trouble shooting purposes               | 1.0.0  | Apache II               | QNX                                   | <a href="#">SRC</a>     |

## Hardware Support#

### BSPs#

The following are community contributed BSPs:

| Board                  | QNX Neutrino version | Processors | Provider   | License(s)              | Download                |
|------------------------|----------------------|------------|------------|-------------------------|-------------------------|
| Freescale MPC8379e RDB | 6.3.2                | MPC8379e   | David Bott | QDL and Apache II       | <a href="#">SRC+BIN</a> |
| Freescale MPC8379e RDB | 6.4.1                | MPC8379e   | David Bott | QDL and Apache II       | <a href="#">SRC+BIN</a> |
| ISEE IGEPv2 Platform   | 6.4.0                | OMAP3530   | ATS Global | ATS Global experimental | <a href="#">SRC+BIN</a> |

For an exhaustive list of BSPs available for Neutrino, see the **BSPs and Drivers** project's [directory](#).

### Drivers#

The following are community contributed drivers:

| Driver Type | Device Name | Description               | Version | Neutrino RTOS Version | CPU Architecture | Provider     | License       | Download            |
|-------------|-------------|---------------------------|---------|-----------------------|------------------|--------------|---------------|---------------------|
| Audio       | SiS 7019    | Audio driver for SiS 7019 | 1.0     | 6.3.0                 | ALL              | Mike Gorchak | QDL +Apache 2 | <a href="#">SRC</a> |

|     |        |  |             |                 |     |                        |        |                         |
|-----|--------|--|-------------|-----------------|-----|------------------------|--------|-------------------------|
| VME | io-vme | VME Bus Manager. Includes driver example for VMIO12 VME IO board | Rev.2009.05 | 503.2 and later | x86 | <a href="#">CDB BC</a> | Custom | <a href="#">SRC+BIN</a> |
|-----|--------|--|-------------|-----------------|-----|------------------------|--------|-------------------------|

For a searchable listing of specific drivers available for Neutrino, see the [Hardware Database](#).

## Cross-development Tools#

Cross-development tools to target Neutrino.

| Name  | Description  | Version | License                     | Supplier                                | Download  |  |
|---|--|---------|-----------------------------|---|---|--|
| DACHSview   | general purpose function block language for the graphical development of real-time control and real-time graphics applications   | 1.3     | Custom                      | STEINHOFF Automation & Fieldbus Systems | No InterWiki reference defined in properties for Wiki called "http"!                            |  |
| CH Standard Edition   | A free C/C++ interpreter for scripting and shell programming   | 6.0     | Free for commercial use     | <a href="#">SoftIntegration, Inc.</a>   | <a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a> |  |
| Embedded CH   | Embedded Ch is an embeddable C/C++ interpreter, you can call C/C++ library from Ch script or call Ch script from C/C++ application. Debug and thread features are supported. | 6.0     | commercial license required | <a href="#">SoftIntegration, Inc.</a>   | <a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a> |  |
| Intel C++ Compiler Professional Edition for QNX Neutrino RTOS | The new compiler contains a number of improvements specifically for the Intel(R)   | 11.0    | Intel                       | Intel                                   | <a href="mailto:bernth.andersson@intel.com">bernth.andersson@intel.com</a>                      |  |

|                              |  |        |  |  |   |
|------------------------------|--|--------|--|--|---|
|                              | Atom(TM) Processor, Decimal Floating point extensions and bug fixes. In addition the IPP sample code has been improved and now support both Windows and Linux build.   |        |  |  |   |
| MapuSoft OS PAL              | OS Abstractor and OS Changer products to help developers re-use their embedded software on QNX. MapuSoft also offers porting, integration, support and training services to help developers easily migrate from legacy platforms to the next generation. | latest | custom                                   | <a href="#">Mapusoft</a>                                       | <a href="#">EVAL</a>  |
| QNX SDK for LabView Embedded | This target allows for LabVIEW Embedded to target any supported hardware platform for QNX Neutrino 6.3.  | 8.2    | <a href="#">National Instruments SLA</a> | <a href="#">National Instruments</a>                           | <a href="#">SRC+BIN</a>   |
| QWin - Development Target    | Software solution for QNX development without a real target hardware   | latest | custom                                   | <a href="#">IBV - Echtzeit- und Embedded GmbH &amp; Co. KG</a> | <a href="http://www.ibv-augsburg.net/en/qwin-dt.html">http://www.ibv-augsburg.net/en/qwin-dt.html</a> |
| QWin - Windows               | QNX and Windows  | latest | custom                                   | <a href="#">IBV - Echtzeit- und Embedded</a>                   | <a href="http://www.ibv-">http://www.ibv-</a>   |

|  |   |        |        |  |   |  |
|--|---|--------|--------|--|---|--|
| Extension for QNX                              | on a single processor   |        |        | GmbH & Co. KG                              | <a href="http://augsburg.net/en/qwin.html">augsburg.net/en/qwin.html</a>                          |  |
| SoftIntegration C++ Graphical Plotting Library | The simplest solution for 2D/3D graphical plotting within the framework of C/C++. Plots can be generated using SIGL for display in a local monitor, through the Web, or saved in a file with a variety of different file formats. | v2.5   | Custom | SoftIntegration, Inc.                      | <a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a>   |  |
| Virtual High-Speed Application Timer for QNX6  | Timer to generate high speed interrupts below the QNX system tick period  | latest | custom | IBV - Echtzeit- und Embedded GmbH & Co. KG | <a href="http://www.ibv-augsburg.net/en/timer.html">http://www.ibv-augsburg.net/en/timer.html</a> |  |

## Data Acquisition#

National Instruments & QNX Measurement-Quality Analog I/O OEM Bundle

| Kit Contents  |  |
|---|--|
| Genesi EFIKA 5200B Single Board Computer based on the Freescale MPC5200B PPC SOC 400MHz |  |
| NI USB 6009 Data Acquisition Device   |  |
| QNX Neutrino and Momentics 60 day Evaluation  |  |
| NI LabVIEW Microprocessor SDK 60-day Evaluation   |  |

For more details and to order: [NI Zone](http://NI Zone) or email [partners@qnx.com](mailto:partners@qnx.com)

## QNX Momentics IDE Plug-ins#

The plug-ins below can be installed within the IDE to expand its capabilities.

| Category | Name                        | Description        | Supports              | License                 | Supplier                                     | Download                |
|----------|-----------------------------|--------------------|-----------------------|-------------------------|--|-------------------------|
| Analysis | Klocwork Developer for Java | Java Code Analysis | IDE 4.x               | custom                  | <a href="http://Klocwork">Klocwork</a>       | <a href="#">BIN</a>     |
| SCM      | Subclipse                   | Subversion client  | IDE 4.0               | <a href="#">EPL 1.0</a> | <a href="http://Tigris">Tigris</a>           | <a href="#">SRC+BIN</a> |
| SCM      | Subversive                  | Subversion client  | IDE 4.0 - included in | <a href="#">EPL 1.0</a> | <a href="http://eclipse.org">eclipse.org</a> | <a href="#">SRC+BIN</a> |

|        |                           |   |                   |                              |  |                         |
|--------|---------------------------|---|-------------------|------------------------------|--|-------------------------|
|        |                           |   | IDE 4.5 and later |                              |  |                         |
| Editor | viPlugin for Eclipse      | Replacement code editor with vi like behavior | IDE 4.x           | For purchase with free trial | <a href="http://satokar.com">satokar.com</a>         | <a href="#">SRC+BIN</a> |
| Editor | Eclipse Hex Editor Plugin | Hex editor for any file type                  | IDE 4.x           | <a href="#">GPL</a>          | <a href="http://SourceForge.net">SourceForge.net</a> | <a href="#">SRC+BIN</a> |
| Editor | Columns 4 Eclipse         | Column functionality for editors in Eclipse   | IDE 4.x           | <a href="#">EPL</a>          | <a href="http://Sourceforge.net">Sourceforge.net</a> | <a href="#">SRC+BIN</a> |

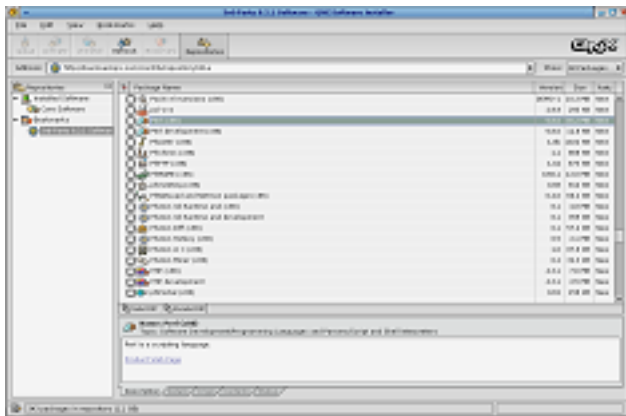
Lots of other useful add-on plug-ins can be found on the [Eclipse Plugin Central](#) web site

## pkgsrc#

'pkgsrc' is a framework for building third-party software and managing the resulting packages. Originally developed on NetBSD, pkgsrc has evolved according to [NetBSD](#)'s principle of portability and currently supports 13 different platforms (hopefully QNX will be number 14). Over 6400 packages are in the base distribution. The [QNX Community pkgsrc project](#) was created to act as a stepping point to have QNX included as a supported platform in pkgsrc.

## QNX Installer Packages#

The QNX Software Installer (qnxinstaller) that is included with Neutrino can install packages from a local or from a remote repository. Point to the QNX Self-Hosted Software Repository located located at <http://download.qnx.com/contrib/repository621a> and find over **600 software packages ported over QNX!**



[Enlarge](#)