Portal:Tools and SDK

Windows Phone

Nokia Original Imaging Effect Wiki Challenge (21 Jul 2014): Winners have been announced for the Nokia Original Imaging Effect Wiki Challenge. The Tweet-Off to decide which authors win a Nokia Lumia 630 starts today. Follow the Nokia Developer Twitter feed and retweet your favorite entries.

This announcement may have expired, and needs to be checked.

See Windows Phone Tools on the site. Wiki topics can be found here: Portal:Windows Phone Tools & SDK

Java ME Development

Nokia Asha SDK 1.0 (beta) (14 May 2013): Nokia Asha SDK 1.0 (beta) is available for download. This SDK enables you to target your Java apps at phones based on Nokia Asha software platform 1.0. SDKs for Series 40 (including *Nokia SDK 2.0 for Java*), can be downloaded from here.

Useful tools links on this wiki include:

- Portal:Java ME Tools and SDK Articles
- Category:NetBeans with Mobility Pack

Other platforms

Symbian

We recommend app developers use Qt for targeting Symbian devices. App developers install the Qt SDK, which contains the whole development toolchain (including the Qt Creator IDE).

- Qt#Qt SDK

Platform developers (and app developers that want to use Symbian C++) install the Carbide.c++ IDE and a Symbian platform SDK as described in Symbian C++ Tools (site link). Symbian C++ wiki tools articles can be found in Portal:Symbian C++ Tools Articles

Maemo/MeeGo

We recommend app developers use Qt. App developers install the Qt SDK, which contains the whole development toolchain (including the Qt Creator IDE).

See also Portal:Qt Tools & SDK

Web apps

We recommend the Nokia Web Tools. More information on working with web apps is given in Category:Symbian Web Runtime and Category:Nokia Asha Web Apps.

For Themes development

- Carbide.ui - supporting both S60 and Series 40

Web

- Web Tools
- Nokia Mobile Internet Toolkit (archived)

The following section lists all articles on the wiki in the following categories: Tools|IDE|SDK|Carbide|Carbide.c++|Qt Creator|NetBeans|Eclipse|C/C++ Compiler

- The Internal RMI Registry port 1099 may be in use by another application Nokia SDK NEW . . Loukt
- Nokia X services SDK release notes . . Tomi_
- Windows Phone 8 SDK on a Virtual Machine with Working Emulator . . r60600

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- SDK API Plug-in . . posillipo
- Installing the Windows Phone 8 SDK on a Mac, using Parallels . . ltomuta
- Developing Series 40 apps on Linux . . achipa
- Developing Nokia Asha apps on Linux with Netbeans . . achipa
- Developing Nokia Asha apps on Linux . . achipa
- Carbide.c++ On-device Debugging Quick Start . . ltomuta
- Create Flash Applications with Carbide.c++ . . wmseto
- Generate source code documentation with Doxygen . . hamishwillee
- How to import a Nokia Asha Web App wgt file into the SDK . . CompassResearch
- Inspecting Java emulator's network traffic with Fiddler . . isalento
- Axialis IconWorkshop . . hamishwillee
- Using Nokia SDKs and Tools on Windows Vista . . jafarkhan141

- Windows Phone 8 SDK on a Virtual Machine with Working Emulator
- Getting started with Java ME
- How to use Resource Editor with Qt Creator
- SDK API Plug-in
- NetBeans
- Using valgrind with Qt Creator
- Carbide.c++
- Using Qt Creator with Symbian
- Create Flash Applications with Carbide.c++
- Developing Nokia Asha apps on Linux
- Adding a new library to NetBeans
- Using Nokia SDKs and Tools on Windows Vista
- The Internal RMI Registry port 1099 may be in use by another application Nokia SDK NEW
- How to use Qt Creator IDE
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- The Internal RMI Registry port 1099 may be in use by another application Nokia SDK NEW . . ekzotik
- Nokia X services SDK release notes . . Tomi_
- Installing the Windows Phone 8 SDK on a Mac, using Parallels . . ltomuta
- Developing Nokia Asha apps on Linux with Netbeans . . achipa
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- How to import a Nokia Asha Web App wgt file into the SDK . . CompassResearch
- Inspecting Java emulator's network traffic with Fiddler . . isalento
- Windows Phone 8 SDK on a Virtual Machine with Working Emulator . . joaocardoso
- Axialis IconWorkshop . . hamishwillee
- Developing Series 40 apps on Linux . . oniongarlic
- Rapid game development for Series 40 with NetBeans Visual Designer and Game Builder . . izinin
- Localizing Qt application on Symbian . . wantrahul
- Redak QML text editor - app showcase . . www.rzr.online.fr
- Preferences and Diagnostics Menu Options cannot be opened on a number of Symbian SDK Emulators (Known Issue) . . skalogir
- Qt SDK's installer framework settings . . ltomuta

- Windows Phone 8 SDK on a Virtual Machine with Working Emulator . . r60600
- Developing Nokia Asha apps on Linux with Netbeans . . achipa
- Developing Nokia Asha apps on Linux . . achipa
- Create Flash Applications with Carbide.c++ . . wmseto
- Rapid game development for Series 40 with NetBeans Visual Designer and Game Builder . . izinin
- Getting started with Java ME . . pooja_1650
- Using valgrind with Qt Creator . . achipa
- Qt MeeGo handset SDK how to install and use on Linux Ubuntu 10.04 LTS . . vivainio
- How to use Qt Creator IDE . . owi2010
- Create your first WRT widget using an IDE . . tasala
- NetBeans . . Larry101

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- Landmarks/web client example using Carbide.c++ and UI designer . . Narendrachinni
- How to configure Java ODD over WLAN with Eclipse and NetBeans IDEs . . jarmlaht

Articles

A

- A Error of Nokia Web Tools 1.2.1
- ARM
- Abld.bat
- ActivePerl
- Adding a new library to NetBeans
- Analysing Symbian communications database settings
- Applications installed from QtCreator fail to autostart (Known Issue)
- Axialis IconWorkshop

B

- Bld.inf Merger
- Browser in Nokia N97 SDK emulator reports incorrect User Agent string (Known Issue)
- Building Symbian C++ Projects Using Qt SDK
- Building a library project in Qt using Qt Creator

C

- Carbide Customization
- Carbide Training Videos
- Carbide.c++
- Carbide.c++ Development Kit Quick Start
- Carbide.c++ FAQ
- Carbide.c++ On-device Debugging Quick Start
- Carbide.c++ Plug-ins
- Carbide.c++ Tips
- Carbide.c++ Tutorial 1 - Helloworld
- Carbide.c++ Tutorial 2 - Getting Input from user
- Carbide.c++ Tutorial 3 - Using List view
- Carbide.c++ Tutorial 4 - Creating a Settings view
- Carbide.c++ Tutorial 5 - Creating a Settings view - II
- Carbide.c++ Tutorial 6 - A dialog example
- Carbide.c++ Tutorial 7 - Signing with Developer Certificate
- Carbide.c++ Tutorials
- Carbide.c++ UI Designer
- Carbide.c++ on-device debugging

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- Enumerated Text Popup Example
- Eseries SDK Plug-in causes incorrect behavior in Contacts application (Known Issue)

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- Fundamentals of Symbian C++/Tool Chain

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- GCC
- GCCE
- GCCE compiler options
- Generate source code documentation with Doxygen
- Getting Started with On-Device Debugging using Carbide.c++
- Getting started with Java ME

H

- How compile conditionally based on SDK
- How do I start a new project in Symbian OS C++?
- How do I use the same pkg file for debug and release builds?
- How to Install Qt
- How to access RDA from Carbide
- How to configure Java ODD over WLAN with Eclipse and NetBeans IDEs
- How to create a new UI design using UI Designer in Carbide.c++
- How to debug with emulator on the fly
- How to get GDR fonts
- How to get project from CVS to Carbide C++
- How to import a Nokia Asha Web App wgt file into the SDK
- How to install Bluetooth Driver for S60v3rd SDK
- How to localize Symbian application using Get Localization
- How to make optification with MADDE
- How to reinstall 3rd Edition SDK
- How to remove application from emulator using Carbide.c++
- How to use GCCE 4 with Symbian

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- Preferences and Diagnostics Menu Options cannot be opened on a number of Symbian SDK Emulators (Known Issue)
- Printing Strings containing '%' character produces incorrect output and may crash Series 40 SDK emulators (Known Issue)

Q

- Qt Creator
- Qt Creator Plug-in Gallery
- Qt Designer
- Qt MeeGo QtCreator138 SDK how to install and use on Linux Ubuntu 10.04 LTS
- Qt MeeGo handset SDK how to install and use on Linux Ubuntu 10.04 LTS
- Qt MeeGo netbook SDK how to install and use on Linux Ubuntu 10.04 LTS
- Qt SDK's installer framework settings

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- RVCT
- Rapid game development for Series 40 with NetBeans Visual Designer and Game Builder
- Redak QML text editor - app showcase
- Running Console Applications in Carbide.c++
- Running the emulator from Carbide.c++

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- S60 3rd SDK For Symbian OS, For C++, MR
- S60 3rd SDK For Symbian OS, Supporting Feature Pack 1, For C++
- S60 SDKs and Plug-ins compatibility
- SDK API Plug-in
- SDK Help
- Setting up Qt Mobility
- Shortcut tips in Carbide.c++
- Show the installed Qt and Qt Mobility version on Symbian and Maemo / MeeGo
- Solutions to common Carbide issues
- Sun Java Wireless Toolkit for CLDC

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- Carbide.c++ - on device debugging screencasts
- Carbide.c++: Performance Investigator
- Carbide: how to copy data files to the emulator directory
- Changing the GCC-E optimization level to speed up your application
- Cmd.exe
- Command line errors
- Command line tools
- Compiling Symbian context-sensitive help fails with recent versions of Perl (Known Issue)
- Create Flash Applications with Carbide.c++
- Create your first WRT widget using an IDE
- Creating Help resources fails on S60 5th Edition Emulator (Known Issue)
- Creating a signal to slot connection in Qt Designer

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- Detecting memory leaks with HookLogger
- Developing Nokia Asha apps on Linux
- Developing Nokia Asha apps on Linux with Netbeans
- Developing Series 40 apps on Linux
- Devices.exe
- Dreamweaver CS3

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- ERCP
- Eclipse
- Eclipse New and Noteworthy information
- Elftran
- Emulator Startup Modes in S60 5th Edition SDK
- Emulator issues and solutions
- Enabling Extended Character Encodings

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- Adicionando uma nova biblioteca ao NetBeans

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- Convertendo bitmaps para utilizar no Symbian SDKs
- How to use GCCE and Open C
- How to use Qt Creator IDE
- How to use Resource Editor with Qt Creator
- How to use UI Designer in Carbide.c++

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- Import a project into Carbide.c++ from a Qt Creator workspace
- Inspecting Java emulator's network traffic with Fiddler
- Install-time registration of old products may fail (Known Issue)
- Installing the Windows Phone 8 SDK on a Mac, using Parallels

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- JDK
- Java ME Installation troubleshooting

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- Landmarks/web client example using Carbide.c++ and UI designer
- LeaveScan Tool
- Listing IMEIs and Capabilities in a DevCert
- Localizing Qt application on Symbian
- Lupdate with qml files

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- Main tools in the Symbian development and build toolchain
- Microsoft C++ compiler

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- NetBeans
- Nokia Configuration Tool
- Nokia Eseries SDK Plug-ins for S60 C++ SDKs
- Nokia X services SDK release notes
- Nokia widget eclipse plugin
- Nokia x86 compiler

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- Open C/C++ Release History

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- PC Suite
- Performance Investigator Analyser Carbide Extension
- Petran
- Portal:Java ME Tools and SDK Articles

S

- Sysinfo para S60
- Symbian C++ Development Tools Overview
- Symbian Emulator shortcut keys
- Symbian Signed Tools
- Symbian development on Linux and OS X

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- The Internal RMI Registry port 1099 may be in use by another application Nokia SDK
- The use of subst command
- Thumb
- Tools for MeeGo

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- UI Designer Listbox Scrollbar
- Unit testing with JMUnit and NetBeans IDE
- Using Carbide C++ 2.0 with CVSNT server
- Using Carbide.c++
- Using Carbide.c++ and S60 SDKs on Linux
- Using Diffs
- Using HookLogger
- Using Nokia SDKs and Tools on Windows Vista
- Using Qt Creator with Symbian
- Using RGA with Carbide.c++
- Using Subclipse with Carbide.c++
- Using hardware in scratchbox
- Using positioning simulation tool with RDA
- Using valgrind with Qt Creator

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- Various S60 SDK Patches
- Visual C++ Express
- Visual Studio useful tips

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- Which S60 SDK should I use?
- Windows Phone 8 SDK on a Virtual Machine with Working Emulator
- Working with Carbide.c++ IDE for Qt Mobility APIs

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NetBeans
- Arquivo MMP

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- Carbide.c++ FAQ (Português)
- Como configurar o Java ODD para WLAN com as IDEs: Eclipse e NetBeans
- Como usar a IDE Qt Creator

Symbian

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- Desenvolvendo aplicações em Java ME usando Netbeans IDE

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- Ferramentas Symbian C++

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- Instalar o SDK do Windows Phone 8 numa Máquina Virtual e ter o Emulador funcional

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- NetBeans (Português)

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- Unresolved Breakpoint
- Usando RGA com Carbide.c++

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- Visão Geral do Carbide.vs

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- E系列SDK插件将导致联系人程序发生错误

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- Nokia Imaging SDK和Aviary SDK的简单介绍
- Nokia Java 模拟器启动时NCF出错解决
- Nokia N97 SDK模拟器中浏览器报告错误User Agent字符串错误的问题
- Nokia Qt SDK开发环境使用

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- Qt for symbian 开发环境安装

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- S60第三版SDK安装在某些情况下会失败
- S60第三版里缺少OpenGL ES 1.1插件的情况
- SDK中的API外挂程式

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- 中文 ARM
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- 中文 DumpSIS
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- 为何在模拟器中调用SysUtil::GetLangVersion()报告失败

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- 使用HookLogger检测内存泄漏

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- 发售的Nokia N95第一版不支持真机debug调试

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- 向Carbide.c++ Express导入MMP文件时会漏掉定义堆栈大小的部分

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- 在Carbide C++中开发Symbian^3应用

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- 如何使用OpenSSL创建证书
- 如何使用Qt Create IDE V4.5
- 如何使用命令行在harmattan上编译一个Qt应用程序
- 如何在Carbide C++中获取CVS项目
- 如何在NokiaQtSDK中开发Symbian Qt应用
- 如何在Symbian SDK下使用GCCE4

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- 安装时注册老产品可能导致失败

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- 导入工程到IDE时图象资源可能无法生成

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- 无法卸载 Nokia Connectivity Framework 的解决办法
- 无法在多个SDK上使用SIP插件

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- 模拟器中“Cannot start ECMT Manager”错误信息

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- 用XAMPP搭建Web服务器
- 用最新版本的Perl编译上下文相关的帮助文件失败

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- 迁移到Carbide.c++

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- Carbide.c++ Professional (RU)
- Carbide.c++ ЧаВо

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- Using Carbide.c++/ru

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- Интегрированная среда разработки Eclipse

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- Обнаружение утечек памяти с помощью HookLogger

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- Проблема Carbide.C++ при генерации rss

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- Bldmake が、"EPOCROOT environment variable must be capitalised"とエラーを表示

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- Carbide.c++(日本語)

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- Carbide.c++が起動しない

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- Devices.exe(日本語)

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- エミュレータのトラブルと解決方法

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- Adicionando bibliotecas ao seu projeto
- Adobe
- Adobe Flash Professional
- Aptana WRT Plugin - displaying log messages in output console
- Aptana WRT Plugin Basics
- Bldmake fails with "EPOCROOT environment variable must be capitalised" error (Known Issue)
- Carbide UI Designer app with empty Options menu panics with 3rd party FEP (Known Issue)
- Carbide.j
- Carbide.vs Overview
- CodeWarrior
- Codewarrior Scripting
- Como integrar o S60 SDK Emulator ao NetBeans
- Compiler and linker warnings with Open C GCCE and WINSCW builds (Known Issue)
- Compiling a component using static libraries in CodeWarrior
- Configurando a Eric IDE para desenvolvimento em PySymbian
- Configurando o Carbide.c++ para utilizar Qt para Symbian
- Configuring Eclipse IDE for PySymbian
- Configuring Eric IDE for PySymbian development
- Connecting to Internet from S60 2nd Edition Emulator
- Demonstration of Carbide.c++ 1.3 on-device app debug

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- Importing from MMP file omits stack size definition in Carbide.c++ Express (Known Issue)
- Installation of S60 3rd Edition ECMT Debug Agent fails (Known Issue)
- Installing ARM RVCT 4.0
- Installing the S60 3rd Edition SDK may fail under certain conditions (Known Issue)
- List of static link libraries is not generated correctly in Carbide IDE (Known Issue)
- MMF Extensions plug-in for S60 3rd Edition SDK
- MakeKeys
- Matchdata.h is missing from the S60 3rd Edition FP2 SDK (Known Issue)
- Missing headers for using sockets to receive SMS messages in S60 2nd and 3rd Edition SDKs (Known Issue)
- Missing libraries in OpenGL ES 1.1 plug-in for S60 3rd Edition (Known Issue)
- Multi Language Hello World using QtDesign in Qt for Symbian
- NCNList KERN-EXEC 3 panic when starting the S60 3rd Edition FP1 emulator (Known Issue)
- NMEAXmit - a NMEA dumper for S60 3rd Edition
- No API for adding/removing/updating SIP profiles of particular SIP service providers
- Nokia Qt SDK v1.0 Beta - archived
- Nokia Qt SDK v1.0 Release Candidate

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- S60第三版适用的MMF扩展插件
- SIP Plug-in cannot be used with multiple SDKs (Known Issue)
- SVG support on S60 3rd Edition SDK and devices (Known Issue)
- Send files to phone using Lightblue extension
- Setting up command line build environment with Carbide.c++ Express
- Symbian Cryptography APIs
- Symbian Start-On-Boot Registration API
- SysUtil::GetLangVersion() fails on S60 3rd Edition Emulator (Known Issue)
- The MIDP font size changes in all UI styles on Series 40 1st Edition (Known Issue)
- Using Visual Studio 6.0 with S60 3rd Edition
- Visual Web Developer Express
- What is required for starting Chinese application development using Symbian C++?
- 为Nokia Qt SDK增加新的Symbian SDK开发平台
- 基于手机的CS3

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- Building S60 SDK Examples in Carbide

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- Carbide - Como copiar arquivos para o emulador
- Compilation of Symbian C++ code fails

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device app debug
- Device Central CS3
- Different Location API methods return different coordinates from NMEA files in the S60 SDKs (Known Issue)
- EUserHL Core Idiom Library
- Error message 'Cannot start ECMT Manager' in S60 3rd Edition Emulator (Known Issue)
- Getting started with Carbide.c++ and Qt
- Getting started with new UIQ project in Carbide.c++
- How to develop Qt/C++ Symbian applications on Carbide.c++
- How to install and use the Qt SDK Remote Compiler

Nokia Qt SDK 1.2.0 Release Candidate - archived
- Nokia Qt SDK的远程编译功能
- Offline profile not documented in S60 2nd Edition FP1 SDK Help (Known Issue)
- On device debugging not supported in the first Nokia 95 release (Known Issue)
- Open C e Carbide C++
- Py2sis for S60 2nd edition phones
- Qt Carbide.c++ IDE Quick Start
- Qt Creator and on device debugging with AppTRK
- Qt SDK
- Qt SDK Remote Compiler
- Remote Compiler troubleshooting
- S60 Platform SDK - Workarounds and Updates (Known Issue)
- S60第三版SDK和手机对SVG的支持

with long project paths (Known Issue)
- Criando aplicações .sis no Carbide

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- Depurando com o Carbide.c++

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- How to install Maemo 5 SDK using GUI Installer
- How to make MADDE work on Windows 7 64-bit

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- Install the In-Application Purchase API on Qt SDK 1.2

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- Maemo 5 SDK installation for beginners

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- PluThon - A Plugin of python/Maemo to Eclipse
- Pluthon - Um plugin de python/Maemo para Eclipse

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