

Overview

BARTEC RFID SDK (Software Development Kit)



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1. General

1.1 System Requirement

- PC with “Active Sync” or “Mobile Device Center”



Note

For PC with Windows XP:

Active Sync 4.5 or higher is needed!

For PC with Vista or Windows 7:

Device Center or Mobile Device Center is needed!

More information about system requirements available on Microsoft homepage.

Supported operating system with RFID Demo V1.0 on Mobile device:

- Windows Mobile WM5.0
- Windows Mobile WM6.1
- Windows Mobile WM6.5

Supported operating system with RFID DemoCE V1.1 on Mobile device:

- Windows CE5.0
- Windows CE6.0

The Firmwareloader LF is tested on following Mobile devices:

- MC 9090^{ex}
- MC 9190^{ex}

1.2 Programming Language

The SDK (Software Developer Kit) is available for following language:

- Visual Studio 2005
- C

1.3 Content of the SDK

The SDK (Software Developer Kit) includes following:

- RFID Demo for Windows Mobile and Windows CE
- Firmware loader for LF version
- Firmware Files for LF
- Firmware for HF
- Firmware for UHF
- Open source codes for the RFID demo as example how to integrate the RFID reader in a customized application.
- All necessary drivers for a customized application
- All necessary Dll files for a customized application
- Description for the Dll Files

1.4 Programming Information

The available Sources are for following systems:

- Windows Mobile 5.0, WM 6.0 and WM 6.5
- Windows CE 5.0 and Windows CE 6.0

Create a new Project:

First it is necessary to setup up for which system the project is.

For Windows Mobile it is important to include following files:

.NET Compact Framework:

- NETCFv2.wm.armv4i

SQL 3.0:

- sqlce30.dev.DE.ppc.wce5.armv4i
- sqlce30.ppc.wce5.armv4i
- sqlce30.repl.ppc.wce5.armv4i



Note

The NET Compact Framework and SQL 3.0 files can be found in the RFID Demo V1.0 package.

For Windows CE it is important to include following files:

SQL 3.5:

- sqlce.dev.DE.wce5.armv4i
- sqlce.repl.wce5.armv4i
- sqlce.wce5.armv4i



Note

The SQL 3.5 files can be found in the RFID DemoCE V1.1 package.

The DLL files what are included in the source package working with all systems as listed above.