QS-Barcode Recognition

For Windows CE

Supplementary Documentation

SDK - Software Development Kit

for Microsoft Windows CE Operating Systems

Version 4.6

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QS-Barcode SDK for Windows CE

Overview

This document contains special notes for the **Windows CE** Version of **QS-Barcode SDK**.
You should consult the main developer documentation (QSBARSDK.PDF) as well, as the details of the QS-Barcode interface is described in this paper.

There is only the **p_lib** interface of **QS-Barcode SDK** available for Windows CE!

A sample application with source code demonstrates how to use this interface with Windows CE. The sample application (C++) includes functions to load and prepare black and white bitmap files, set the barcode recognition parameters, call the recognition function and report the barcode result(s).

All function calls and function parameters of the **p_lib** interface for **Windows CE** are the same as for the standard **QS-Barcode SDK** for other Windows Operating Systems.
This is why you should study the QSBARSDK.PDF (or at least the chapter for the **p_lib** interface) as well.

The QSBARLIB.LIB (**p_lib** interface) for Windows CE (OS version 4.0 and higher) was built using the Microsoft eMbedded Visual C/C++ 4.0 compiler.
The **Windows CE Demo-Package** contains the QSBARLIB.LIB with compiler settings for „Windows CE Emulator“. The same goes for the sample application.

The LIB for a lot of other target platforms (processor types) is also included in the **Demo-Package**.

To include and use the **p_lib** for **Windows CE** in your own C/C++ projects, you will have to add the following files to your project/workspace:

- QSBARLIB.LIB
- QSBARLIB.H

No further files are required.

Licensing

The **Windows CE Demo-Package** runs in Demo-Mode. Read more about the „Demo-Mode” in the QS-Barcode SDK developer documentation QSBARSDK.PDF Chapter “13.6 Systematic Result Altering”.

If you need information about prices and the purchase order process, please contact us.

Description of the sample application

The sample application is a C++ software with a simple User Interface.
You can choose a file (be sure to use monochrome black and white uncompressed bitmap files only).
The command button „Decode“ starts the recognition process and the barcode result (or status information) is given in the text field in the bottom.

The recognition process is done with the parameters defined in the sample programs source code: Recognition of 2/5 interleaved, Code 39, Codabar and Code 128 Bar-codes is activated. Change this as you like. There is also out-commented code for 2D barcode parameters.
If you have problems recognizing barcodes with the software, your first step should be to check these parameters. If this does not help, please contact us.

Final Note

QualitySoft is eager to improve their products. Hints about errors or ambiguous parts are very welcome. QS-Barcode is permanently improved. Changes in the program may have happened without notice.

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