
Release Notes – RFID SDK for FX Series V1.2.4 - Embedded programming

Introduction

Description

Contents

Device Compatibility

Installation Requirements

Part Number and Release Date

Introduction

This package contains the tools required to develop embedded applications for the FX9600 RFID reader. This package contains files required for C-based application development as well as Java-based application development.

Description

This package contains the files required for developing embedded application in C as well as Java. Refer Versions sections to determine which components and their versions.

The following features are supported via the API:

1. Support for FX7500 and FX9600 fixed RFID reader
2. Added 64bit support
3. Secure connection
4. Added tag support for Impinj (QT Read/Write) & NXP (Change Config)
5. Set/Get global antenna configuration
6. New event added to report PA/Ambient temperature
7. Extended INVENTORY_STATE class - Support INVENTORY_STATE_AB_FLIP
8. Extended SL_FLAG class – Support SL_ALL
9. Extended TAG_FIELD class PHASE_INFO
10. New TEMPERATURE_SOURCE class added
11. New ALARM_LEVEL class added
12. Periodic Tag Report Duration - New ReportTriggers class added in TriggerInfo class
13. Reporting phase info as part of TagData - New method getPhase added in TagData class
14. Idle mode support -New method turnOffRadioWhenIdle, getRadioIdleTimeout added in ReaderManagement class
15. User application deployment- New UserApp property added in ReaderManagement class (UserApp class contain methods to install, unInstall, start, stop, autoStart, list and getRunStatus)
16. Cable Loss Compensation - New method setCableLossCompensation,getCableLossCompensation added in ReaderManagement class

Contents

1. Zebra FX9600 Embedded SDK Installer ver.1.2.3.msi : RFID SDK package for developing embedded applications.

Versions

RFID API3 library	5.5.2.7	Librfidapi32.so	24-Sep-2018
Zebra RFID API3 shared JNI library	1.4.0.33	Librfidapi32jni.so	24-Sep-2018
RFID API3 Java Jar file	1.4.0.33	Symbol.RFID.API3.jar	24-Sep-2018
Java Programmers Guide	N/A	RFIDAPI3_JAVA.html	24-Sep-2018
C API Help and programmers guide	N/A	RFID3_SDK_C_Help.chm	24-Sep-2018
Sample applications for C, C++ and Java	N/A	RFIDSample4App	24-Sep-2018

Device Compatibility

This software release has been approved for use with the following Symbol devices.

Device	Operating System
FX9600 & FX7500	Linux

Installation Requirements

This software package has been approved for use with the following OS:

- Windows 7 (32-bit/64-bit)
- Windows 10 (32-bit/64-bit)

It is also required to have the CodeSourcery package for embedded application development on the FX9600.

- CodeSourcery Lite Version 4.4-290 (The installation file name arm-2010q1-202-arm-nonlinuxgnueabi.exe can be downloaded from www.mentor.com)

Part Number and Release Date

ZEBRA FXSERIES EMBEDDED SDK INSTALLER.MSI

Sep 24, 2018