Release Notes – RFID SDK for C and Java Linux (64 bit) Host based Programming for FX Series Readers

Introduction

This is the release of the RFID SDK for Linux (64 bit) for the FX Series RFID readers. The tar ball provides a set of tools necessary to develop C and Java Applications for RFID reader devices from Zebra.

Description

RFID SDK for Linux provides a set of tools necessary to develop 64 bit based C and Java Applications for RFID reader devices from Zebra. These tools include class library, sample application and associated documentation.

This allows C and Java developers to programmatically access or control the RFID reader functionality on a 64 bit Linux machine.

The C and Java RFID libraries supports the following features

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. Symbol.RFID.API3.jar – RFID Java SDK jar
2. librfidapi32.so and associated libraries – 64 bit C shared Objects for the RFID C SDK.
3. Include – C API Include files
4. Samples – C and Java sample application along with the source and makefiles.
5. Docs – C and Java SDK documentation
6. ReadMe.txt – Details on the contents and build
running instructions for the samples

Versions

| RFID API3 library | 5.5.2.19 | librfidapi32.so | 22-Jul-2019 |
| RFID API3 Java Jar file | 1.4.0.39 | Symbol.RFID.API3.jar | 22-Jul-2019 |

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:
PC:
- Ubuntu 16.04 64 bit
- Centos 6.9 64 bit

Part Number and Release Date

Zebra-RFID-FXSeies-Host-Linux64_SDK_C_V5.5.2.19_Java_V1.4.0.39.tar.gz

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