Release Notes Zebra RFID Host Java SDK for Windows FX Series Host programming

This document summarizes the following firmware releases:

Release Number	Release Date	See page
Zebra-RFID-FXSeries-Host-Java-SDK_V17	11-May-2021	Page 1

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Zebra RFID Host Java SDK for Windows V1.7

RELEASE DATE: 11-May-2021

This is the release of the Zebra RFID Host Java SDK for the FX Series RFID readers. Java SDK for RFID provides a set of tools necessary to develop Java Applications for RFID reader devices from Zebra.

These tools include class library, sample application and associated documentation. Java SDK for RFID allows Java developers to programmatically access or control the RFID reader functionality. The Java application can be developed to run on the PC.

Sample Application (J_RFIDHostSample1)

The host-based sample application runs on the Desk top PC to connect Zebra RFID Reader based on the IP/Host Name. This app demonstrates the complete functionality using Java RFID API3 class library (Symbol.RFID.API3.jar)

- Access the Reader Connect dialog from Reader->Connection Menu
- To connect FX Series Reader, provide the respective IP address and port number (default: 5084).

This app helps to demonstrate the following functions of RFID Reader:

- Secure connection
- Gets the Reader capabilities
- Reader configuration
- Operation (Inventory & Access Operation Read, write, lock, kill, block erase and block write)
- Filters (Pre-Filter, Post Filter and Access Filter)
- Triggers (Start and Stop Condition)

Release summary

- Added ExtendedOnTimeMicroseconds in AntennaRfConfig class to get or set Extended On time in milliseconds (delay after select command). This is supported only in FX9600.
- Added new stop trigger type in ANTENNA_STOP_TRIGGER_TYPE to stop after a specified Millisecond duration Or One round

- Added GetstationaryTags function in Actions class to get the stationary tags if Moving/Stationary feature enabled
- Fix for periodic start inventory in RFIDSample4 sample app
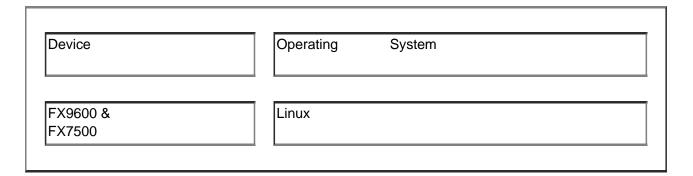
Contents of the release package

Zebra-RFID-FXSeries-Host-Java-SDK_V1.7.msi

Host SDK Release Version Info

IMAGE TYPE	VERSION	FILE NAME	DATE
RFID3 C API DLL	5.5.6.3	RFIDAPI32PC.DLL	05-May-2021
RFID3 Java JNI DLL	1.4.0.49	RFIDAPI3_JNI_HOST.dll	05-May-2021
RFID3 Java API	1.4.0.49	Symbol.RFID.API3.jar	05-May-2021
Java API Help & programmers guide	NA		05-May-2021

Device Compatibility

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

Device	Operating System
FX9600 & FX7500	Linux

Installation Requirements

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

- PC: · Microsoft Windows 7 / 10 (64-bit) ·

- Oracle JDK 1.8 or above ·
- NetBeans IDE 6.91 (64-bit edition)

Part Number and Release Date

Zebra-RFID-FXSeries-Host-Java-SDK_V1.7.msi

May 11, 2021