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

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## 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/changes

### **C**

1. Added extendedOnTimeMicroseconds in ANTENNA\_RF\_CONFIG to Gets or set Extended On time in milliseconds (delay after select command). This is supported only in FX9600.
2. Added new stop trigger type in ANTENNA\_STOP\_TRIGGER\_TYPE to stop after a specified Millisecond duration Or One round
3. Fix for Frequency channel request from reader for reader f/w 3.6 or above
4. PowerSource name changed RFID\_GetSystemInfo

### **Java**

#### **1.4.0.49**

1. Added ExtendedOnTimeMicroseconds in AntennaRfConfig class to get or set Extended On time in milliseconds (delay after select command). This is supported only in FX9600.
2. Added new stop trigger type in ANTENNA\_STOP\_TRIGGER\_TYPE to stop after a specified Millisecond duration Or One round
3. Added GetstationaryTags function in Actions class to get the stationary tags if Moving/Stationary feature enabled
4. Fix for periodic start inventory in RFIDSample4 sample app

#### **1.4.0.50**

5. getSystemInfo in ReaderManagement class is extended to support:
  - getSerialNumber
  - getHostName
  - getManufacturer
  - getModel

- getNumPhysicalAntennas
- 6. ANTENNA\_STOP\_TRIGGER\_TYPE extended to support
  - ANTENNA\_STOP\_TRIGGER\_TYPE\_DURATION\_MILLISECS\_ONE\_ROUND - Stop on Millisecond timeout or 1 round of inventory whichever is first
- 7. Added new function getStationaryTags() in Actions 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	5.5.4.19	librfidapi32.so	05-May-2021
RFID API3 Java Jar file	1.4.0.50	Symbol.RFID.API3.jar	11-Oct-2021

## 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 16.04/18.04 64 bit
- Centos 8.2 64 bit

## Part Number and Release Date

Zebra-RFID-FXSeies-Host-Linux64\_SDK\_C\_V5.5.4.19\_Java\_V1.4.0.50.tar.gz

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