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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

### **C**

- Fixes for RM APIs to support MBCS character set
  - o RFID\_GetNetworkInterfaceSettings
  - o RFID\_GetAvailableLicenses
- Renamed the parameter powersource to powerSource in READER\_SYSTEM\_INFO data structure
- Support added for Centos 8.2 & Ubuntu 18.04

### **Java**

- Added support for Regulatory Configuration
  - o GetSupportedRegionList
  - o GetRegionStandardList
  - o SetActiveRegion
  - o GetActiveRegion
  - o GetActiveRegionStandardInfo
  - o SetFrequencySetting
- Fix for PreFilter failure when SetTagStorageSettings is called

## 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       | 5.5.4.16 | librfidapi32.so      | 08-Oct-2020 |
| RFID API3 Java Jar file | 1.4.0.48 | Symbol.RFID.API3.jar | 08-Oct-2020 |

## 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\_V5.5.4.16\_Java\_V1.4.0.48.tar.gz

October 8, 2020