Retrieving Magnetic Card Tracks – Zebra Android Link-OS™ SDK – Java

This sample application retrieves the tracks from a magnetic card swiped on a Zebra printer with a magnetic stripe reader. It uses the new Zebra Link-OS SDK.

Note: This application only works with RW printers.

This application, developed using the Android SDK, is designed for any handheld device that runs on Android Version 4.1 or newer.

This updated code has a new User Interface (UI) and implements Zebra's Best Practices.

Note: This application is provided AS-IS, for example purposes only.

Technical Prerequisites

You must have:

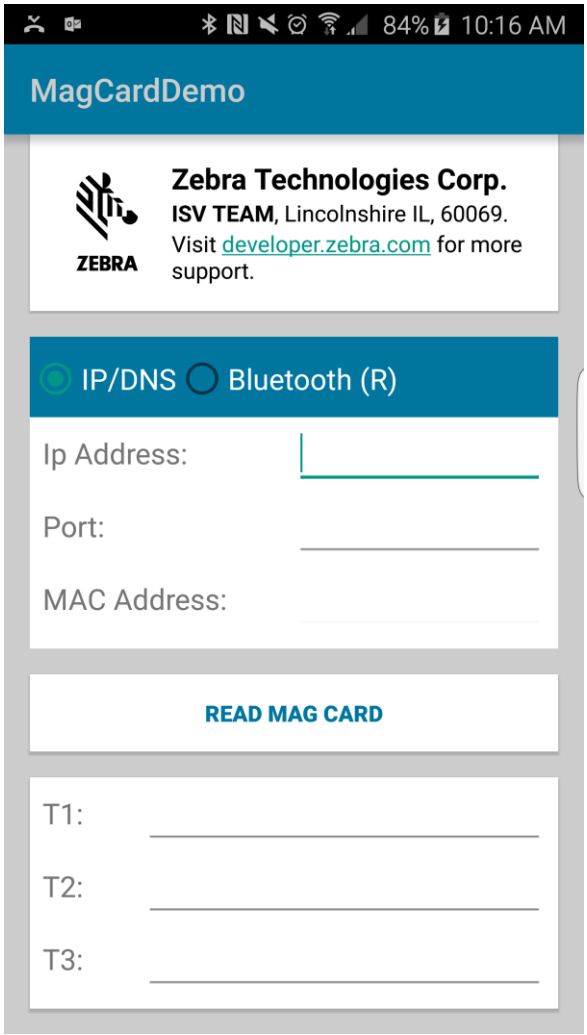
- A Zebra printer with Bluetooth or Wi-Fi enabled capabilities.
- An Android device and Zebra Printer connected through Bluetooth or same Wi-Fi network.

Note: (Optional) – Android device has an enabled scanner

Connecting To Your Printer

1. Start the application on your Android device.
2. Do one of the following:
   - If connecting through WI-FI, select **IP/DNS**, type the IP address and port (default is 9100).
   - If connecting through Bluetooth, select **Bluetooth**, and enter the MAC address (it must be entered in lower cases without any gap).

   Note: Make sure the printer is on to properly connect.

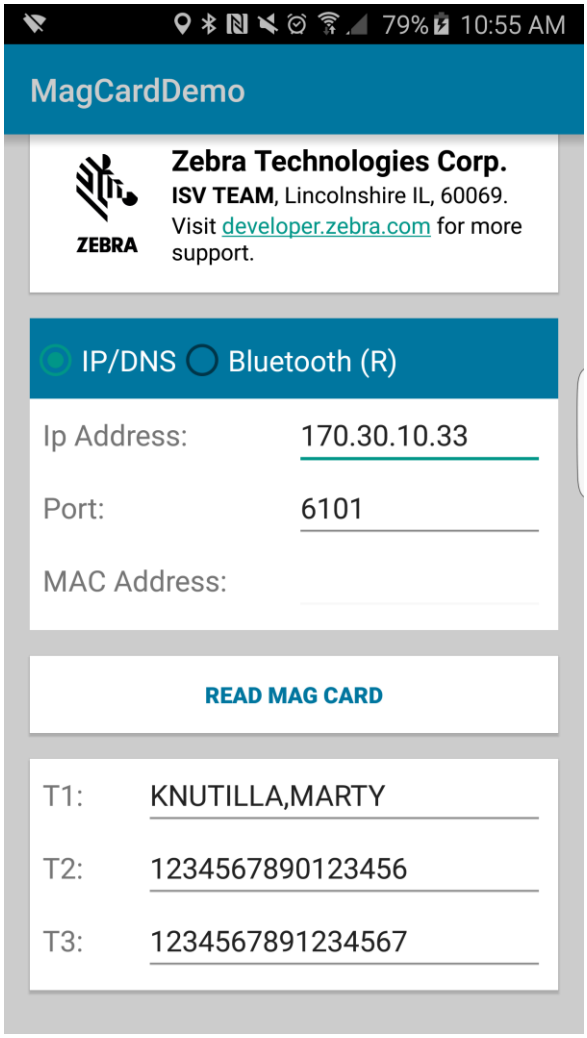


3. Press **READ MAG CARD**.

   The application connects to the printer.

4. When the Swipe Magnetic Card progress bar appears, swipe the magnetic card.

   The magnetic card data appears on the screen.



Note: If you have an interest in encoding data onto RFID, magnetic strip, or smart cards, Zebra offers the ZXP line of printers. For an example of how to do this with the ZXP 1 or ZXP 3 printer, refer to the Printing and Magnetic Encoding sample.

For more information on developing Android solutions, go to Getting Started with Android Development – Zebra Android Link-OS™ SDK.

Document Control

Version	Date	Description
1	December, 2010	Initial Release
2	December, 2015	Updated the IDE from Eclipse to Android Studio This updated code has a new User Interface (UI) and implements Zebra's Best Practices

All links and information correct at time of writing

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