# Retrieving a Stored Format – Zebra Android Link-OS™ SDK – Java

This sample application provides an example of how to retrieve a format stored on a Zebra printer. You can find variables in the format, enter data and print.

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 implements printer language and status verification to reflect Zebra's Best Practices.

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

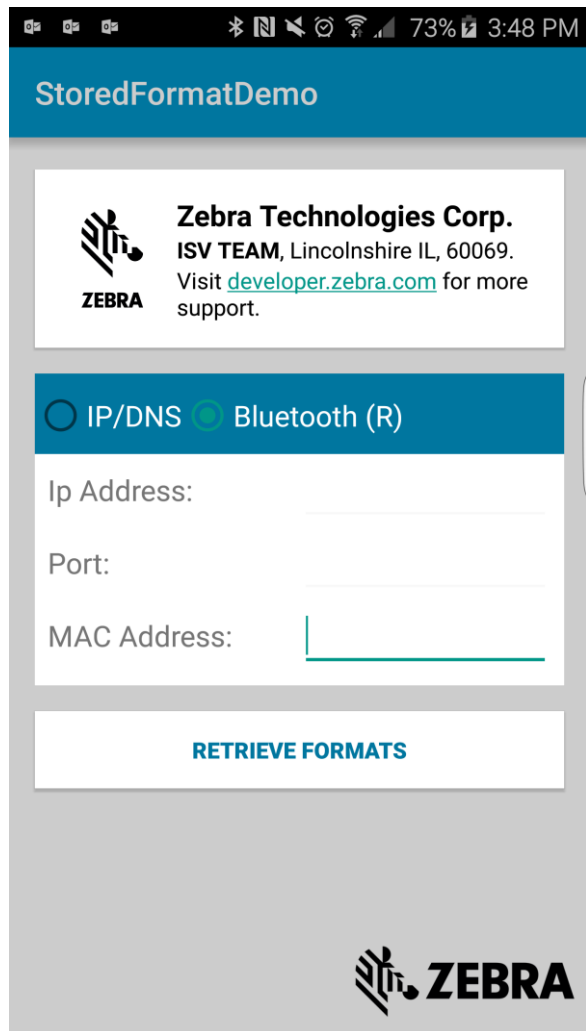## Technical Prerequisites

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 <u>one</u> 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).
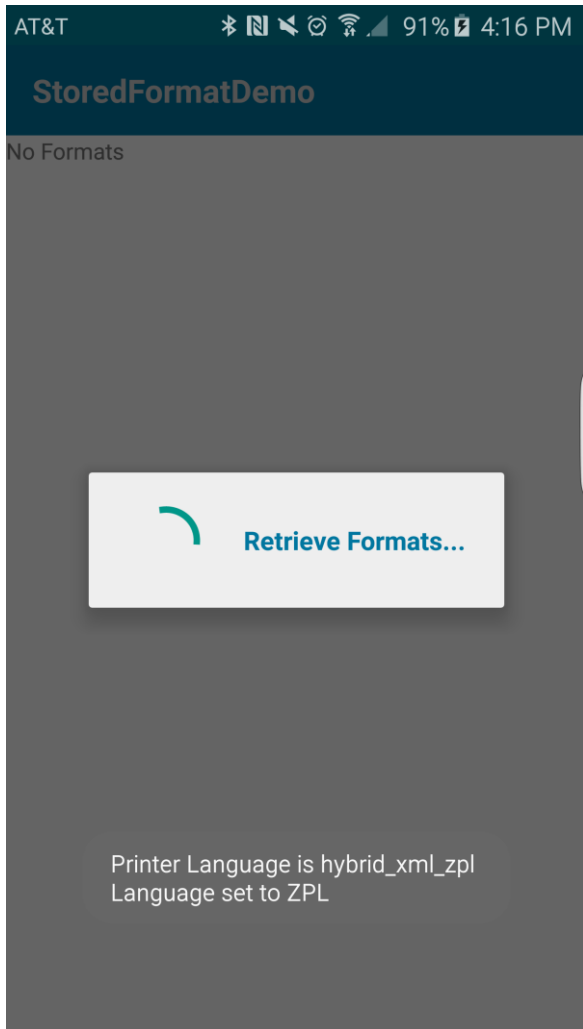
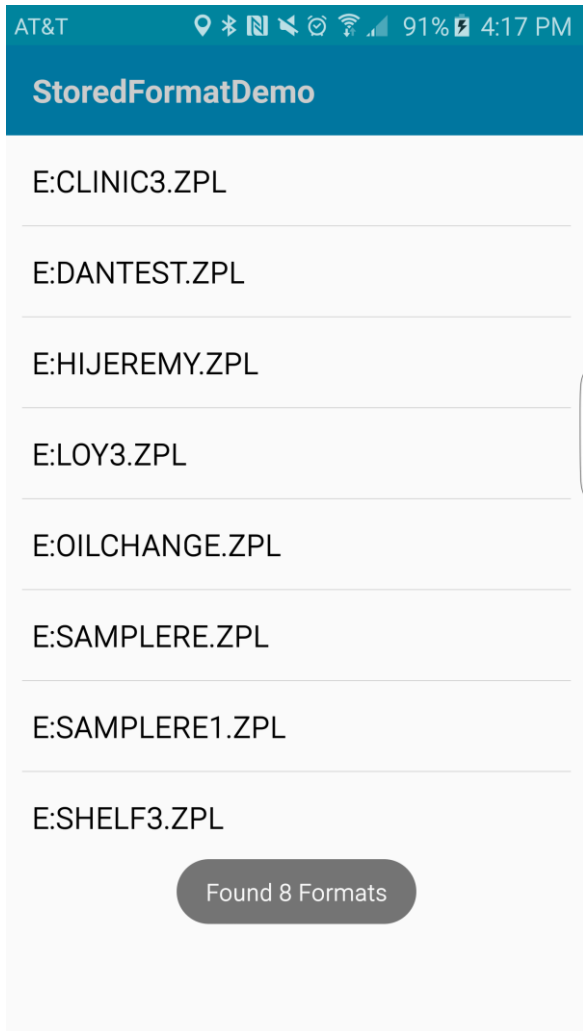   **Note:** Make sure the printer is on to properly connect.



3. Press **RETRIEVE FORMATS**.

   The Stored Format Demo screen displays the process of retrieving the printer formats.

   The following images show the application's functionality.

No Formats

**Retrieve Formats...**

Printer Language is hybrid_xml_zpl
Language set to ZPL

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. Displays the Status Verification, Name and printer language This updated code has a new User Interface (UI) and implements Zebra's Best Practices |
| 3 | July, 2017 | Updates the Build Tools to version 25.0.0 and Gradle to version 3.3 |

All links and information correct at time of writing

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