

BarcodeExample

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Sample Overview

This sample provides an implementation of scanning interface that allows users to scan barcode. It also can set/get symbology, preamble and postamble with barcode reader.

Requirements and Dependencies

To build the BarcodeExample project, you must install following on your PC:

- Java SE Development Kit
- The Eclipse (IDE)
- Android Development Tools (ADT)
- Android 4.1.2 (API 16) SDK or later

You also need an Intermec Android device to run this example application.

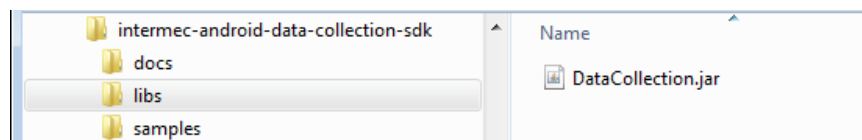
Topics

AidcManager.connectService, onConnect, BarcodeReader, addBarcodeReadListener, BarcodeReadEvent, Symbology, SymbologyOptions, close.

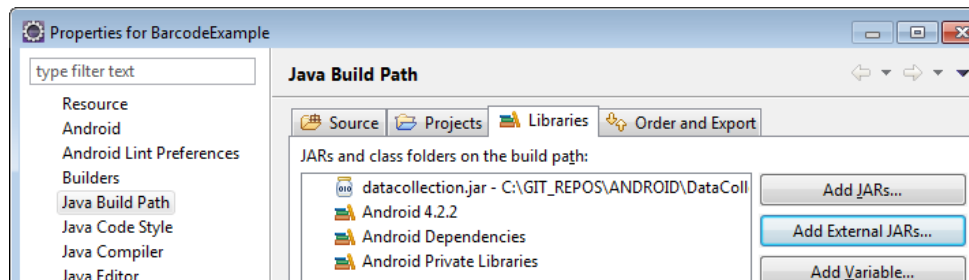
Building the Sample

To build this sample application, you need to add the datacollection.jar file that is stored in the Intermec-android-data-collection-sdk\libs folder, to the Java Build Path of BarcodeExample.

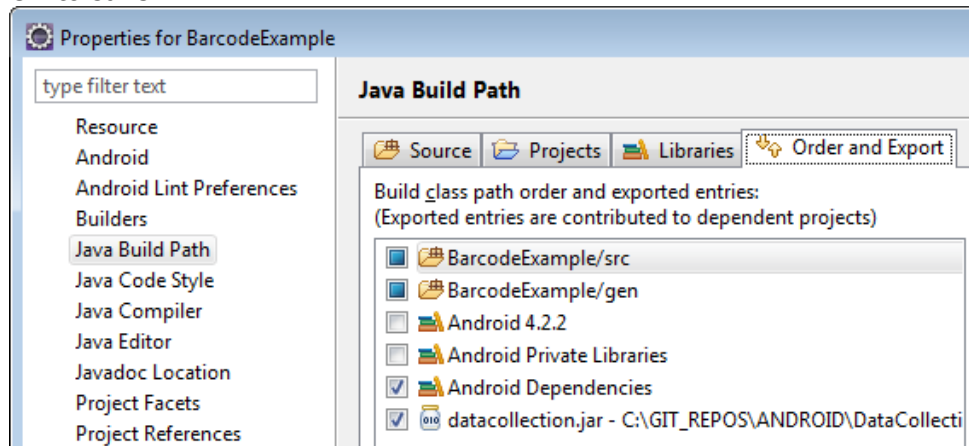
- Make sure the datacollection.jar file is in the Intermec-android-data-collection-sdk\libs folder



- From the Properties of BarcodeExample project, select the Libraries tab of Java Build Path, and select the Add External JARs button to add the datacollection.jar from Intermec-android-data-collection-sdk\libs folder

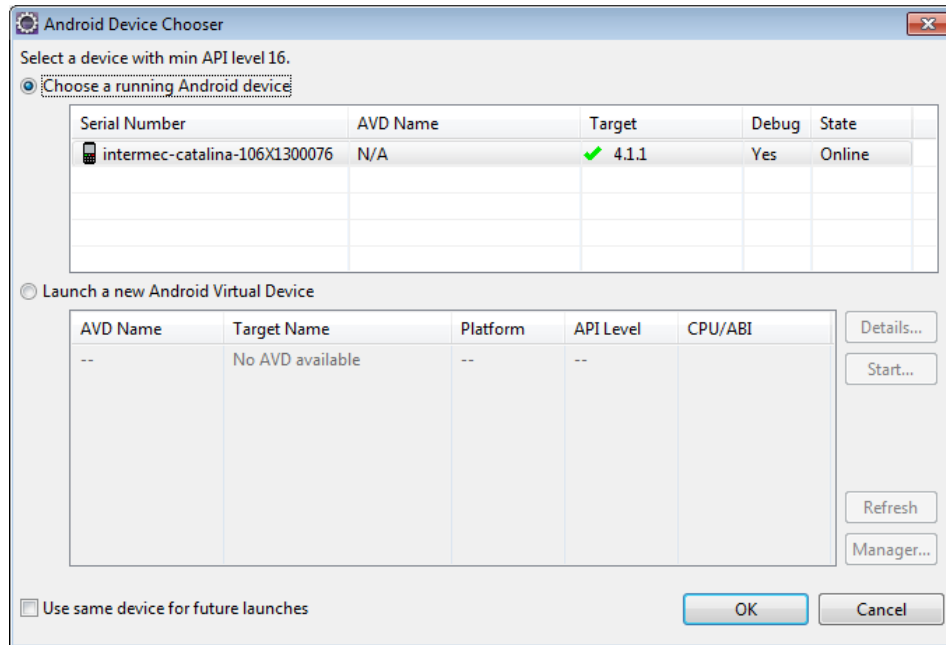


- Select the Order and Export tab, and check the datacollection.jar, then click on OK to save

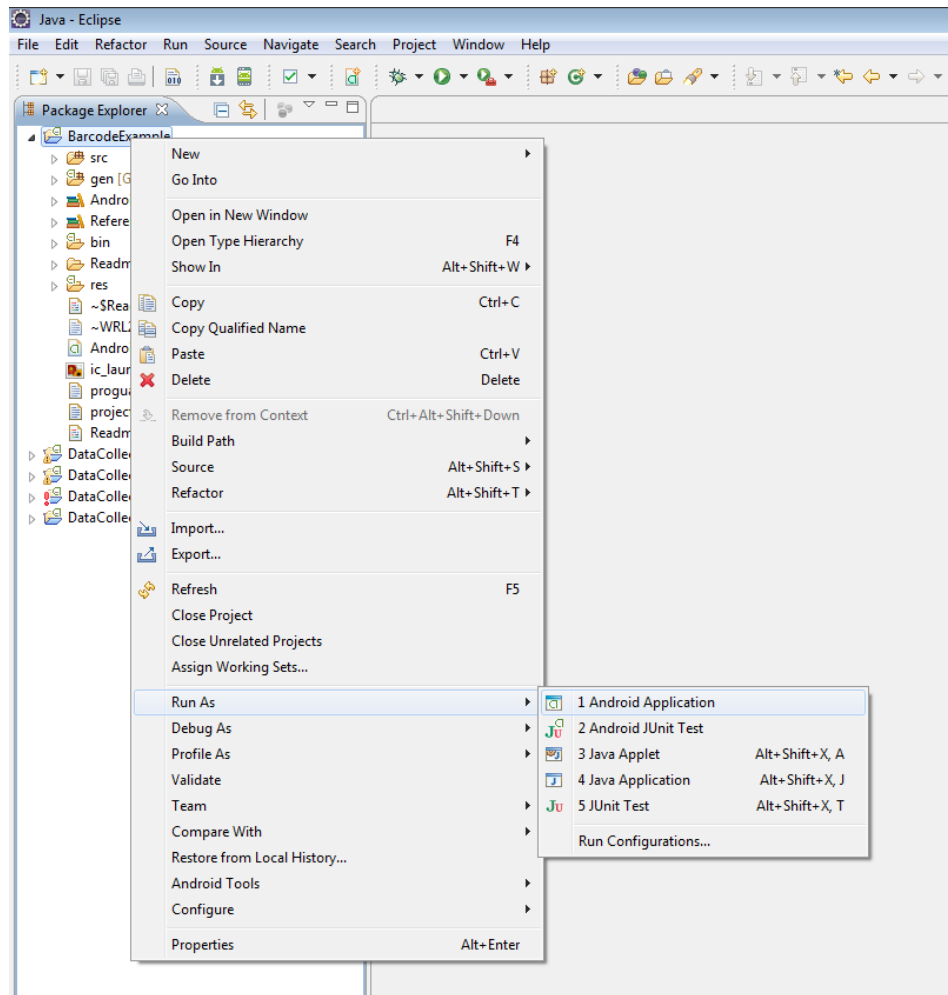


Running the Sample

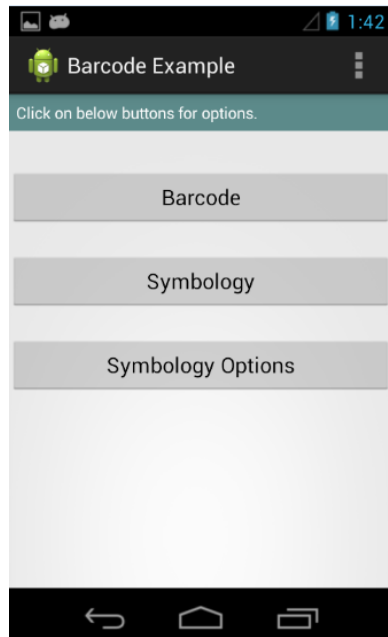
- Make sure the Eclipse sees your Android device, you can verify it at the Android Device Chooser



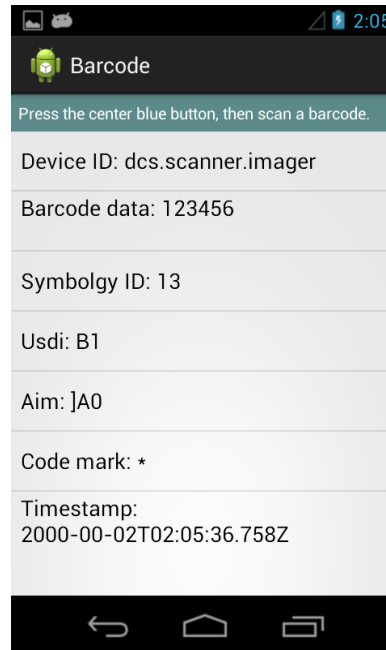
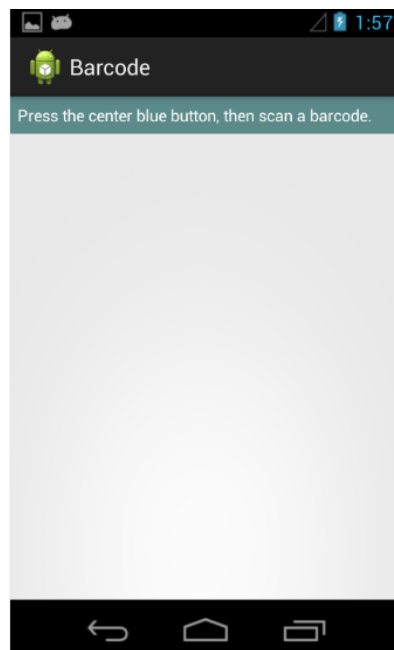
- Right click on the BarcodeExample\Run As\Android Application to deploy the application to an Intermec Android device.



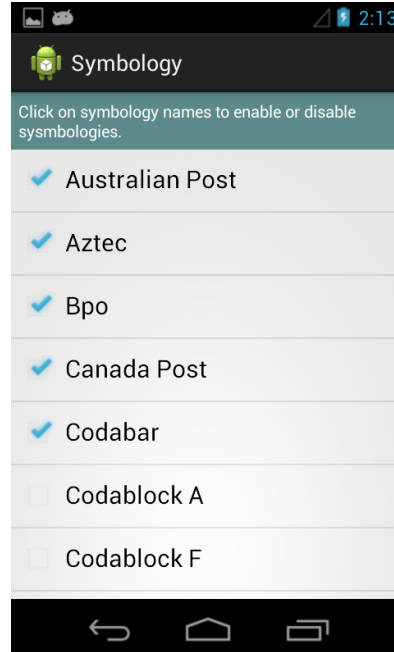
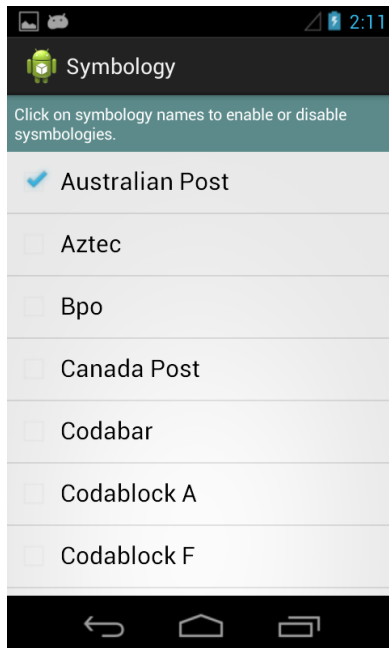
- The Barcode Example main screen should display on your Intermec Android device if you application running successfully. Follow the instruction on top of the green bar to select the options. Click on the Barcode button for scanning bar code and displaying bar code data; click on the Sysmbology button for enabling and disabling the symbologies; click on the Symbology Options button for symbology options settings.



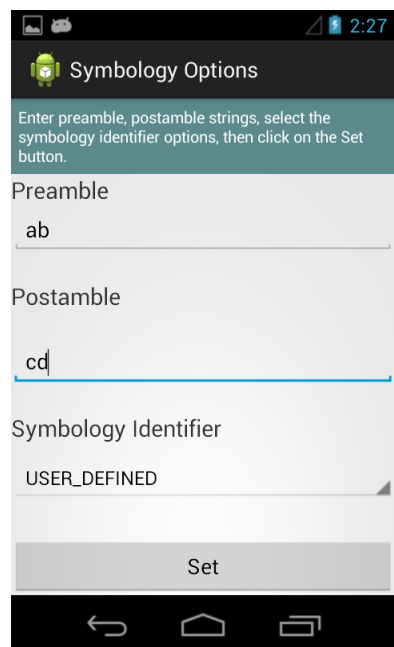
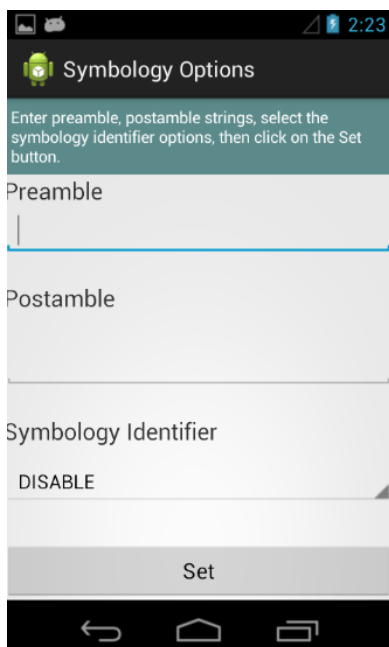
- At the Barcode screen, press the center blue button, and then scan a bar code to display bar code data.



- At the Symbology screen, click on symbology names to enable or to display symbologies.



- At the Symbology Options screen, enter the preamble, postamble text, select the symbology identifier from dropdown list, and then click on the Set button to save the settings.



Notes

- The virtual wedge is disabled in onCreate and enabled in onDestroy at MainActivity to ensure barcode data only display once per single scanning.

- The orientation is locked as portrait at all activity classes because the onDestroy is called when orientation changes.