Android Terminal Beta 2 Notes

Notes

## Major Features Absent in Beta 2

**We plan on having all these features included in the next beta APK.**

* SHIFT+FunctionKey does not work as it should. We have yet to map in the shift+function to Android. The function keys themselves work but will not be modified by the shift key currently.
* MDM Support or “Restrictions” as it is called in Android. We currently do not have a MDM profile set up for configuring the terminal with an MDM tool but will be adding one so that a default username/ host / port can be configured from the MDM tool.

## Create a new connection

Create a new connection to Eclipse with Android Terminal.

1. Install the Android Terminal APK onto your mobile device.
2. Start the application, you will be presented with this screen where the Eclipse hosts are listed:  
   Graphical user interface, application

   Description automatically generated
3. Tap the “+” button in the lower right to add a new Eclipse host over SSH.
4. Fill in the required connection information for username, hostname and port. It should be the same as the cterm or eterm setup for the username and hostname. The port for SSH is 22 by default, so it should remain 22 unless you have changed it.  
   Graphical user interface, application

   Description automatically generated
5. If you have a specific Eclipse Terminal ID set up for RF, enter it in the “Eclipse Terminal ID” text area.
6. Tap the “+” button in the top right of the screen to save this new host.
7. You should now have a newly configured connection. Tap the connection tile to connect to Eclipse.  
   Graphical user interface, application

   Description automatically generated
8. You will be presented with a text terminal. The app will likely ask you to accept the fingerprint of the host, and enter a password. Enter your password. You have options on how to authenticate with SSH, via password or private key.   
   Text

   Description automatically generated
9. If you’ve selected a non-RF terminal, then you will be presented with the full ETerm sized screen:  
   Text

   Description automatically generated
10. The app will start with a full screen font size, but the size can be switched for RF by using the menu to switch to “RF Size” once the connection is established.

## Adding a DataWedge Profile for Android Terminal

Zebra has provided an app called **DataWedge Profiles** to control the hardware scanner on the MC93. The datawedge profile will allow the scanner to activate and operate within a particular app.

1. Start the **DataWedge Profiles** app on the MC93
2. From the menu in the upper right, tap **New profile**.
3. Enter a new profile name, such as **aterm**
4. Tap on the new profile.
5. Tap on the **Associated apps** tile.   
   In the menu in the upper right, select **New app/activity**. Find the **com.epicor.ATerm** app and select the top item, the \* activity. Exit back to the main profile.   
   This configures the scanner to activate when ATerm is running.
6. Ensure the following items are checked:   
   **Profile enabled**, **Barcode input: Enabled**, **Keystroke output: Enabled**
7. Find the **Keystroke output** tile and tap **Key event options**.   
   Ensure the **Send Characters as Events** item is checked.   
   This configures the scanner to send barcode characters as keystrokes into the ATerm application.
8. On the same **Keystroke output** tile, tap **Basic data formatting**.  
   Ensure the **Send ENTER key** item is checked.  
   This configures the scanner to send an additional ENTER keystroke after the barcode is scanned.

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